Final Report

Arthur D Little

Community Environmental Response Facilitation Act (CERFA) Report

Fort Ord
Monterey, California

R N Lambe 6 APR 94
Program Manager, Robert Lambe Date

Susan Coons 4-6-94
Project Manager, Susan Coons Date

Submitted to

U.S. Army Environmental Center (USAEC)
Aberdeen Proving Ground, MD

Revision 1
April 8, 1994

Arthur D. Little, Inc.
Acorn Park
Cambridge, Massachusetts
02140-2390

ADL Reference 67070-57

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DAAA15-91-D-0016
Delivery Order 0010

Report Documentation Page (continued)

This report presents the results of the Community Environmental Response Facilitation Act (CERFA) investigation conducted by Arthur D. Little, Inc. at Fort Ord. The primary objective of this investigation, as required under CERFA (Public Law 102-426), is for Federal agencies to expeditiously identify real property offering the greatest opportunity for immediate reuse and redevelopment.

The property examined under this investigation is a 28,057-acre site located in Monterey County, California, approximately seven miles north of Monterey, California. Fort Ord was primarily a training post for infantry soldiers and artillery units. It also provided commands administration and logistical support for facilities at Fort Ord, Fort Hunter Liggett, the Presidio at Monterey, and Camp Roberts.

Arthur D. Little reviewed existing investigation documents, U.S. Environmental Protection Agency (EPA), state, and county regulatory records, environmental data bases, and title documents pertaining to Fort Ord during this investigation. In addition, Arthur D. Little conducted interviews and visual inspections of Fort Ord, as well as visual inspections and data base searches for the surrounding properties.

Arthur D. Little's investigation and subsequent parcelization of the approximately 28,000 acre installation property determined that approximately 12,400 acres of the facility fall within the CERFA parcel category. The CERFA parcels are located predominantly in the eastern portion of the installation outside of the Main Garrison, East Garrison, and Impact areas.

Approximately 11,100 acres of the facility were identified as CERFA parcels with qualifiers. Four thousand five hundred thirty five acres of installation property are identified as CERFA disqualified parcels. No parcels at Fort Ord were mandated for retention by the federal government, or been transferred by deed and categorized as CERFA excluded parcels.

Table of Contents

List of Acronyms and Abbreviations iv

Executive Summary vi

1.0 Introduction 1
1.1 Purpose and Scope 1
1.2 Definition of Terms 2
1.3 Geographical and Environmental Setting 3

2.0 Scope of Investigation 8
2.1 Existing Investigation Documents 8
2.2 Federal, State, and Local Records Review 10
2.3 Interviews 15
2.4 Visual Inspections 16
2.5 Title Documents 16

3.0 Property Background Information 22
3.1 General Description of Real Property and Operations 22
3.1.1 History and Mission 22
3.1.2 Real Property Description 23
3.2 Changes to Real Property Environmental Conditions Since Enhanced Preliminary Assessment (1990) 24

4.0 Investigation Results 26
4.1 Previously Identified Areas Requiring Environmental Evaluation 26
4.2 Additional Areas Requiring Environmental Evaluation Identified by CERFA Investigation 26
4.3 Adjacent or Surrounding Properties 28
4.4 Related Environmental, Hazard, and Safety Issues 30
4.4.1 Asbestos-Containing Building Materials 31
4.4.2 Lead-Based Paint 31
4.4.3 PCB Transformers 32
4.4.4 Radon 33
4.4.5 Unexploded Ordnance 33
4.4.6 Radiological Sources 34
4.4.7 Other Potential Concerns 34
4.5 Sites With Historical or Ongoing Remediation Efforts 35
4.6 CERFA Excluded Parcels 36

5.0 Site Parcelization **42**
5.1 Designation of Parcels For CERFA Assessment 42
5.1.1 CERFA Disqualified Parcels 45
5.1.2 CERFA Parcels With Qualifiers 46
5.1.3 CERFA Parcels 47
5.2 Tract Map and Property Boundaries 48
5.3 Summary CERFA Map 48

6.0 References **132**

Appendices

Appendix A: Asbestos Survey Report
Appendix B: Environmental Database, Inc.
Appendix C: Chain of Title Report
Appendix D: List of Locations Where Equipment containing NRC Licensed Materials Were Used or Stored
Appendix E: RWQCB UST Listing
Appendix F: Regulatory Comments to the Fort Ord CERFA Report

List of Figure s

Figure 5-1: Map Illustrating CERFA Assessment Information, Fort Ord, Monterey, California 111
Figure 5-1: Section 1 111
Figure 5-1: Section 2 112
Figure 5-1: Section 3 113
Figure 5-1: Section 4 114
Figure 5-1: Section 5 115
Figure 5-1: Section 6 116
Figure 5-1: Section 7 117
Figure 5-1: Section 8 118
Figure 5-1: Section 9 119
Figure 5-1: Base Map 120
Figure 5-2: Title Map, Fort Ord, Monterey, California 121
Figure 5-3: Parcel Designation Map, Fort Ord, Monterey, California 122
Figure 5-3: Section 1 122
Figure 5-3: Section 2 123
Figure 5-3: Section 3 124
Figure 5-3: Section 4 125
Figure 5-3: Section 5 126
Figure 5-3: Section 6 127
Figure 5-3: Section 7 128
Figure 5-3: Section 8 129
Figure 5-3: Section 9 130
Figure 5-3: Base Map 131

List of Tables

Table 1-1: List of Endangered Species at Fort Ord, Monterey, California . . . 7
Table 2-1: List of Interviews/Contacts for Fort Ord CERFA Assessment 19
Table 4-1: Areas Requiring Environmental Evaluation Identified in Enhanced Preliminary Assessment at Fort Ord 37
Table 4-2: Current Site Investigations at Fort Ord 40
Table 5-1: Parcel Identification Table, Fort Ord, Monterey, California 49

AAFES	Army and Air Force Exchange Service
ACBM	Asbestos-containing building material
AREE	Area requiring environmental evaluation
AST	Above ground storage tank
bgs	Below ground surface
BRAC	Base realignment and closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERFA	Community Environmental Response Facilitation Act
CORTESE	State-designated hazardous waste cleanup sites
1,2-DCE	1,2-dichloroethene
t-1,2-DCE	Trans-1,2-dichloroethene
DoD	Department of Defense
DRMO	Defense Revitalization Management Office
EA	EA Engineering, Science and Technology
ENRB	Environmental and Natural Resources Branch
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
FAAF	Fritzsche Army Airfield
FFA	Federal Facility Agreement
FORSCOM	U.S. Army Forces Command
HLA	Harding Lawson Associates
IRP	Installation Restoration Program
JSIIDS	Joint security intrusion interdiction detection system
kg	Kilogram
MPUSD	Monterey Peninsula Unified School District
MSL	Mean sea level
NEPA	National Environmental Policy Act
NFA	No further action
NPL	National Priorities List
NRC	Nuclear Regulatory Commission
OEW	Ordnance and explosive waste
OU	Operable Unit
PA	Preliminary assessment
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RI/FS	Remedial investigation/feasibility study
ROD	Record of Decision
RWQCB	Regional Water Quality Control Board
t-1,2-DCE	Trans-1,2-dichloroethene
TCE	Trichloroethene

TRADOC	U.S. Army Training and Doctrine Command
USAEC	U.S. Army Environmental Center
USATHAMA	U.S. Army Toxic and Hazardous Materials Agency
UST	Underground storage tank
UXO	Unexploded ordnance

CERFA-Specific Acronyms

P	CERFA Parcel
E	CERFA Excluded Parcel
D	CERFA Disqualified Parcel
HR	Hazardous substance disposal or release
HS	Hazardous substance storage
(P)	Probable
PR	Petroleum disposal or release
PS	Petroleum storage
Q	CERFA Qualified Parcel
A	Asbestos
L	Lead-based paint
P	PCBs
R	Radon
RD	Radionuclides
X	Unexploded Ordnance

This report presents the results of the Community Environmental Response Facilitation Act (CERFA) investigation conducted by Arthur D. Little, Inc. at Fort Ord, a U.S. Government property selected for closure by the Base Realignment and Closure (BRAC) Commission under Public Laws 100-526 and 101-510. The primary objective of this investigation, as required under CERFA (Public Law 102-426), is for Federal agencies to expeditiously identify real property offering the greatest opportunity for immediate reuse and redevelopment. Satisfying this objective requires the identification of real property where no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) regulated hazardous substances or petroleum or their derivatives were stored for one year or more, known to have been released, or disposed of.

The property examined under this investigation is a 28,057-acre site located in Monterey County, California, approximately seven miles north of Monterey, California. Fort Ord was primarily a training post for infantry soldiers and artillery units. It also provided commands administration and logistical support for facilities at Fort Ord, Fort Hunter Liggett, the Presidio at Monterey, and Camp Roberts.

Arthur D. Little reviewed existing investigation documents, U.S. Environmental Protection Agency (EPA), state, and county regulatory records, environmental data bases, and title documents pertaining to Fort Ord during this investigation. In addition, Arthur D. Little conducted interviews and visual inspections of Fort Ord, as well as visual inspections and data base searches for the surrounding properties. This information was used to divide the installation into four categories of parcels: CERFA parcels, CERFA parcels with qualifiers, CERFA disqualified parcels, and CERFA excluded parcels.

Areas of the facility that have no history of CERCLA-regulated hazardous substance or petroleum product release, disposal, or storage are categorized as CERFA parcels. Arthur D. Little's investigation and subsequent parcelization of the approximately 28,000 acre installation property determined that approximately 12,400 acres of the facility fall within the CERFA parcel category. The CERFA parcels are located predominantly in the eastern portion of the installation outside of the Main Garrison, East Garrison, and Impact areas.

Areas of the facility that had no evidence of such release, disposal, or storage, but contained other environmental or safety hazards, such as asbestos-containing building materials, radon gas, lead-based paint, unexploded ordnance, radionuclides, or out-of-service polychloridated biphenyl (PCB)-containing equipment, were categorized as CERFA parcels with qualifiers. Approximately 11,100 acres of the facility were identified as CERFA parcels with qualifiers.

Areas of the facility for which there is a history of release, disposal, or storage for one year or more of CERCLA-regulated hazardous substances or petroleum products were categorized as CERFA disqualified parcels. Four thousand five hundred thirty five acres of installation property are identified as CERFA disqualified parcels. No parcels at Fort Ord were mandated for retention by the federal government, or been transferred by deed and categorized as CERFA excluded parcels.

The accompanying map summarizes the CERFA categorization of Fort Ord based on the above definitions. The CERFA report for this installation provides the relevant environmental history to substantiate the parcel categorization.

This CERFA report has been reviewed by the U.S. Army Environmental Center (USAEC), Fort Ord, Region IX Environmental Protection Agency, and the California EPA Department of Toxic Substances Control. Comments from these organizations have been incorporated into this final report. Any unresolved issues from the regulatory agencies have been incorporated in Appendix F of this document.

The primary objective of CERFA is satisfied by the identification of CERFA Parcels and CERFA Parcels with Qualifiers. As a result, concurrence has been sought from the regulatory agencies on these two categories of parcels.

This report does not address other property transfer requirements that may be applicable under the National Environmental Policy Act (NEPA), nor does it address natural resource considerations such as endangered, rare, or threatened plant or animal life.

All information that was made available by February 15, 1994 was incorporated into this final CERFA report.

1.1 Purpose and Scope

Public Laws 100-526 and 101-510 designated more than 100 Department of the Army facilities for closure and realignment. As a result, it became necessary to expedite the environmental investigation and cleanup process, as necessary, prior to the release and reuse of Army Base Realignment and Closure (BRAC) property. The BRAC environmental restoration program was established in 1989 with the first round (BRAC 88) of base closures and continued with subsequent rounds (BRAC 91 and BRAC 93). The BRAC program is patterned after the Army's Installation Restoration Program (IRP), except that it has been expanded to include such categories of contamination as asbestos, radon, polychlorinated biphenyls (PCBs), and others that are not normally addressed under the Army IRP.

The BRAC environmental restoration program began by conducting Enhanced Preliminary Assessments (PAs). The term "enhanced" is used to distinguish these assessments from previous IRP preliminary assessments since the BRAC PAs are conducted from a property transfer perspective and evaluate areas that are not included in the IRP (e.g., asbestos, radon, PCBs). The Enhanced PAs include reviews of existing installation documents, regulatory records, and aerial photographs; a site visit and visual inspection; and employee interviews. Enhanced PAs were conducted for BRAC 88 and BRAC 91 installations, and are currently underway at BRAC 93 installations. An Enhanced PA was prepared for Fort Ord in 1990 by Roy F. Weston, Inc., under the direction of the U.S. Army Environmental Center (USAEC) (formerly the U.S. Army Toxic and hazardous Materials Agency [USATHAMA]).

In October 1992, Public Law 102-426, the Community Environmental Response Facilitation Act (CERFA) amended Section 120(h) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and established new requirements with respect to contamination assessment, cleanup, and regulatory agency notification/concurrence for federal facility closures. CERFA requires the federal government, before termination of federal activities on real property owned, to identify property on which no hazardous substances were stored, released, or disposed of. Also, the designation must be concurred with by the appropriate regulatory agency (U.S. Army Environmental Protection Agency on National Priorities List (NPL) bases and the state on non-NPL bases). These requirements retroactively affect the Army BRAC 88 and BRAC 91 environmental restoration activities, and are being implemented at BRAC 93 sites concurrently with their Enhanced PAs. The primary CERFA objective is for federal agencies to expeditiously identify real property offering the greatest opportunity for immediate reuse and redevelopment. Although CERFA does not mandate the Army transfer real property so identified, the first step in satisfying the objective is the requirement to identify real property where no CERCLA-regulated hazardous substances or petroleum products were stored, released, or disposed of.

Arthur D. Little was awarded the task to identify real property where no CERCLA-regulated hazardous substances or petroleum products were stored, released, or disposed at five BRAC 91 sites. Under this task, a Work Plan was developed to describe the process in satisfying the CERFA task objective. The purpose of this report is to present the findings for Fort Ord in Monterey, California.

1.2 Definition of Terms

The following definitions are used in this report:

- CERFA parcel - A portion of the installation real property for which investigation revealed no evidence of storage for one year or more, release, or disposal of CERCLA hazardous substances, petroleum, or petroleum derivatives and no evidence of being threatened by migration of such substances. CERFA parcels include areas where PCB-containing equipment is in operation, but there is no evidence of release. CERFA parcels also include any portion of the installation that once contained related environmental, hazard, or safety issues including unexploded ordnance (UXO) located on firing ranges or impact areas, radon, stored (not in use) PCB-containing equipment, products that contained radionuclides being used for their intended purposes, asbestos contained within building materials, and lead-based paint applied to building material surfaces, but that has since been removed or fully remediated.

- CERFA parcel with qualifier(s) - A portion of the installation real property for which investigation reveals no evidence of storage for one year or more, release, or disposal of CERCLA hazardous substances, petroleum, or petroleum derivatives and no evidence of being threatened by migration of such substances. The parcel does however contain related environmental, hazard, or safety issues, including UXO located on firing ranges or impact areas, radon, radionuclides contained within products being used for their intended purposes, asbestos contained within building materials, lead-based paint applied to building material surfaces, or stored (not in use) PCB-containing equipment.

- CERFA disqualified parcel - A portion of the installation real property for which investigation reveals evidence of a release, disposal, or storage for more than one year of a CERCLA hazardous substance, petroleum, or petroleum derivative; or a portion of the installation threatened by such a release or disposal. CERFA disqualified parcels also include any portion of the installation where PCB, asbestos containing material, lead-based paint residue, or any ordnance has been disposed of, and any locations where chemical ordnance has been stored. Additionally, CERFA disqualified parcels include any areas in which CERCLA hazardous substances or petroleum products have been released or disposed of and subsequently fully remediated.

- CERFA-excluded parcel - A portion of the installation real property retained by the Department of Defense, and therefore not explicitly investigated for CERFA. CERFA-excluded parcels also include any portions of the installation that have already been transferred by deed to a party outside the federal government, or by transfer assembly to another federal agency.

1.3 Geographical and Environmental Setting

The Fort Ord military installation is located on Monterey Bay, approximately seven miles north of the city of Monterey. The coordinates for the site are 36°39'30"N, 121°48'30"W. Fort Ord consists of 28,057 acres, approximately 44 square miles. Approximately 20,000 acres are open land used for training and firing activities. The remainder of the property houses the base operations and support activities, as well as family housing and commercial services. Fort Ord is bounded on the north by the city of Marina, on the east by El Toro Creek, on the south by Highway 68 and the cities of Seaside and Del Rey Oaks, and on the west by Monterey Bay. The Fritzsche Army Airfield (FAAF) is located near the northernmost portion of the installation.

Fort Ord has a marine climate, with cool dry summers and mild, moderately wet winters. Fort Ord receives average annual precipitation of approximately 14 inches, with most of the precipitation occurring from November through April; precipitation during the remainder of the year is infrequent and usually light. The prevailing wind direction at the FAAF weather station is westerly. Using data collected for the ten-year period from 1960 to 1970, the mean daily maximum temperature is 63°F and the mean daily minimum temperature is 46°F; January is generally the coldest month and September is generally the warmest. The extremes observed at FAAF from 1960 to 1970 were 23°F and 103°F.

Few surface water bodies exist in the area because of the highly permeable soils. Several small unnamed lakes and intermittent tributaries are located on the eastern, undeveloped portion of the Fort Ord property. The tributaries drain to the north to the Salinas River or to the south to an unnamed tributary, both of which drain ultimately to the Pacific Ocean.

The eastern portion of the installation, from the vicinity of the East Garrison south to Laguna Seca, consists of hilly land with randomly oriented ridges and drainage swales. Elevations in the eastern portion range from approximately 200 feet above mean sea level (MSL) in the vicinity of the East Garrison to over 900 feet MSL near Laguna Seca.

The western portion of Fort Ord, which extends four or five miles inland from the Monterey Bay coastline, consists primarily of stabilized and shifting sand dunes. Elevations in this area range from sea level along the coastline to over 500 feet MSL on Merrills Hill near the center of the installation.

Fort Ord is located within a geologically complex area of Monterey County. The stratigraphy consists of the Miocene age Monterey Formation; characterized by marine deposits, overlain by the Pliocene age Purisma Formation consisting of poorly indurated gravel, sand, silt, and silty clay. Above the Purisma Formation is the Paso Robles formation of Pliocene/Pleistocene age containing alluvial fan, lake, and floodplain deposits, generally gravel, sand, silt, and clay. Overlying the Paso Robles Formation is the Aromas Sand, a Pleistocene unit consisting of well-sorted sand containing one or more gravel intervals and, in some localities, a thin basal breccia member. The youngest deposits are unconsolidated gravel, sand, silt, and clay deposited as alluvium, floodplain deposits, terrace deposits, and sand dunes. Fort Ord is in a highly active seismic area in the Palo Colorado-San Gregorio fault zone, between the major San Andreas fault zone and a lesser zone that trends northwesterly from Point Sur.

The dominant soil types found at Fort Ord include the Arnold, Baywood, and Oceano series. These soils formed in alluvium derived from mixed sources of alluvial fans and terraces and also formed in material derived from a variety of rocks on sand dunes, hills, and uplands. These soils are excessively drained, moderately erosive, and extremely low in fertility. Soils from the Santa Ynez series are also found in some areas of the installation. Santa Ynez soils are typically well-drained soils that form on terraces in alluvium derived from sandstone and granite rock.

- Arnold soils (Arnold-Santa Ynez Complex or Ar) are found mainly at the impact areas; these areas are used for range, wildlife habitats, and watersheds. Santa Ynez soils are typical of the soils in the southeastern corner of Fort Ord. Vegetation on these soils generally consists of annual grasses, forbs, scattered oaks, and brush.

- Baywood soils are located primarily in areas west of FAAF, the Ord golf course, the Main Garrison, and the western portion of the impact area; these areas are generally used for military training, grazing, and browsing wildlife. Vegetation in these areas is primarily manzanita, chamise, and scattered oaks; these soils are susceptible to erosion if the vegetation is removed.

- Oceano soils are characteristic of the FAAF area, portions of the Main Garrison, the northern portion of the impact area, and the beach firing ranges; these areas are used primarily for military training and firing. These soils support annual grasses, forbs, and scattered brush. Soils directly along the coast are principally formed on marine sedimentary rocks and sand dune deposits; these areas are partly covered by water during high tides and exposed during low tides. The coastal dunelands, inland from the coastal beaches, support ice plants, lupines, brush, and grasses.

The geologic zones in the vicinity of Fort Ord are characterized by at least two, and perhaps three, confining layers that divide the system into four aquifer zones: the uppermost aquifer, known as the A aquifer; the 180-foot aquifer; the 400-foot aquifer; and the 900-foot aquifer. According to the Enhanced Preliminary Assessment (Roy F. Weston, 1990), hydrogeologic investigations completed at the Fort Ord installation indicated that the primary direction of ground water movement is northwesterly towards Monterey Bay. However, more recent investigations indicate that the flow of ground water is more complex and the different aquifers may flow in opposite directions in some areas of the installation.

- The A aquifer consists of partially saturated permeable dune sand deposits and exhibits unconfined conditions. It extends to depths ranging from 75 to 200 feet below ground surface (bgs) at elevations above sea level. The A aquifer is underlain by the Salinas Valley Aquiclude, which is composed predominantly of clay and silt. The edge of the confining layer runs parallel to the coast, east of Highway 1, and then heads northeast prior to reaching the border of the city of Marina.

- The 180-foot aquifer lies beneath the Salinas Valley Aquiclude and consists of approximately 75 to 175 feet of interbedded sand and gravel. It extends to depths ranging from approximately 175 to 350 feet bgs and is underlain by an extensive zone of fine-grained sand separated by thin beds of clay. The 180-foot aquifer is unconfined in areas where the Salinas Valley Aquiclude is non-existent.

- The lower sand zone beneath the 180-foot aquifer is called the 400-foot aquifer. The confining layer between the 180-foot and 400-foot aquifers appears to be discontinuous in the northwestern portion of Fort Ord, where the two zones appear to be interconnected hydraulically. The 400-foot aquifer typically extends from 300 to 500 feet bgs, and is reported to range from 50 to 200 feet in thickness. Underlying the 400-foot aquifer is a confining layer reported to be approximately 150 feet thick that separates the 400-foot aquifer from the deeper zone known as the 900-foot aquifer.

- The 900-foot aquifer extends from approximately 750 to 1700 feet bgs and is reported to consist of sands and gravels interbedded with discontinuous lenses of clay.

The landscape along the Monterey Bay coastline is comprised of gently rolling sand dunes while the inlands graduate to mildly rugged terrain. Six general vegetation cover types are found at Fort Ord: coastal strand (ice plants, dune grasses, and wildflowers), coastal chaparral (manzanita, sagebrush, and chamise), oak woodland (native live oak, Monterey pine, and Monterey cypress), grassland (soft chess, filaree, and rye grasses), riparian woodland, and freshwater marsh (cattails, rushes, and sedges). One of the largest remaining bunchgrass communities in the Coast Ranges occurs in the grassland cover type at Fort Ord. Seven miles of riparian habitat are

found along the Salinas River and El Toro Creek. Seasonal wet areas have been identified at Fort Ord; these were discussed in the Environmental Impact Statement (July 1993) prepared for the U.S. Army Corps of Engineers, Sacramento District (Roy F. Weston).

Five endangered species and one threatened species, as well as several candidates for endangered status, may exist at Ford Ord according to the Enhanced Preliminary Assessment (Roy F. Weston, 1990). These are listed in Table 1-1. The sandmat manzanita and toro manzanita, candidates for the endangered species list, are found mostly in the brushland areas adjacent to FAAF.

Monterey Bay, adjacent to Fort Ord, contains five types of marine habitat: submarine canyon, near-shore sublittoral, rocky intertidal, sandy beach intertidal, and kelp forest. Only two of these habitats, sandy beach intertidal and near-shore sublittoral, are within the Fort Ord restricted firing range impact area that extends 8,500 feet offshore. Monterey Bay supports a wide array of temperate cold-water organisms, with occasional influxes of warm-water species. There are more species of marine algae in the area than anywhere else in the temperate northern hemisphere; the richness of invertebrate species also rivals that of any marine environment of similar size. In addition, 26 species of marine mammals and 94 species of seabirds have been observed in Monterey Bay and the surrounding area. Monterey Bay has a large, economically important fishing industry, and surf fishing along the Fort Ord coastline is rated as excellent.

Table 1-1: List of Endangered Species at Fort Ord, Monterey, California

Common Name	Latin Name	Status	State/Federal Listed
Seaside Birds-Beak	*Cordylantus rigidus ssp littoralis*	Endangered	State
Smiths Blue Butterfly	*Euphilotes enoptes smithi*	Endangered	Federal
Mezies Wallflower	*Erysimum menziesii*	Endangered	State
Santa Cruz Wallflower	*Erysimum teretifolium*	Endangered	State
Coastal Dunes Milk Vetch	*Astragalus tener var titi*	Endangered	State
Sand Gilia	*Gilia tenuiflora ssp arenaria*	Threatened	State
Animals			
Southwestern pond turtle	*Clemmys marmorata pallida*	Candidate for Endangered Status	None
Black legless lizard	*Anniella pulchra nigra*	Candidate for Endangered Status	None
Plants			
Hickman's onion	*Allium hickmanii*	Candidate for Endangered Status	None
Toro manzanita	*Arctostaphylos montereyensis*	Candidate for Endangered Status	None
Sandmat manzanita	*Arctostaphylos pumila*	Candidate for Endangered Status	None
Monterey ceanothus	*Ceanothus rigidus*	Candidate for Endangered Status	None
Monterey spine-flower	*Chorizanthe pungens var. pungens*	Candidate for Endangered Status	None
Eastwood's goldenbush	*Ericameria Fasciculata*	Candidate for Endangered Status	None
Coast wallflower	*Erysimum ammophilum*	Candidate for Endangered Status	None
Dune gilia	*Gilia tenuiflora assp. arenaria*	Candidate for Endangered Status	None

Source: Enhanced Preliminary Assessment (Roy F. Weston, 1990)

This CERFA Assessment of Fort Ord was based on: review of existing records, reports, and maps (see Section 2.1, Existing Investigation Documents, and Section 4.1 Previously Identified Areas Requiring Environmental Evaluation); a two-week site visit; and interviews with personnel from Fort Ord, USAEC, U.S. Army Corps of Engineers, and Harding Lawson Associates (HLA), as well as local, state, and federal regulators (see Section 2.3, Interviews). There have been numerous environmental investigations at Fort Ord; personal communication and follow-up meetings at Fort Ord with installation staff and their contractors provided much of the site-specific information.

All real properties and facilities owned by Fort Ord were evaluated within this CERFA assessment. Surrounding and adjacent properties, as well as facilities located within Fort Ord but owned by third parties, were evaluated to determine the potential for activities conducted within those facilities to impact Fort Ord property.

2.1 Existing Investigation Documents

There have been numerous programs at Fort Ord directed at the identification of potential sources of hazardous substances or petroleum products or their derivatives and associated releases to the environment. The following reports were used during the CERFA assessment as the primary sources of information on previously identified areas of environmental concern:

- EA Engineering, Science, and Technology, Fort Ord Base-wide Remedial Investigation/Feasibility Study, Volume I: Literature Review and Base Inventory Report, Prepared for U. S. Army Corps of Engineers, Omaha District Contract No. DACW-4588-D-0009, March 1991.

- Roy F. Weston, Inc., Enhanced Preliminary Assessment, Fort Ord, California, Prepared for USATHAMA Contract No. DAAA15-88-D-0007, December, 1990. (The information presented in Sections 1.3 and 3.1 was summarized from this report.)

- Dames & Moore, Remedial Investigation Report Remedial Investigation/Feasibility Study Fort Ord Landfills, June 8, 1993.

- Harding Lawson Associates, Underground Storage Tank Management Plan, October 30, 1991.

- Harding Lawson Associates, Work Plan, Remedial Investigation Feasibility Study, December 12, 1991.

- Harding Lawson Associates, Sampling and Analysis Plan, December 12, 1991.

- Harding Lawson Associates, Basewide Hydrogeologic Characterization, Volumes I through V, Draft, June 7, 1993.

- Harding Lawson Associates, Draft Basewide Surface Water Outfall Investigation, April 5, 1993.

- Harding Lawson Associates, Draft Basewide Storm Drain and Sanitary Sewer Investigation, July 6, 1992.

- Harding Lawson Associates, Individual Site Characterization Reports for RI/FS sites at Fort Ord. Extensive investigations of sites of potential environmental impact has continued under the ongoing Basewide RI/FS program; those reports are referenced individually within this CERFA report.

- Records maintained by Fort Ord, including Hazardous Materials Inventory and Underground Storage Tank Inventory.

- Diagnostic Engineering, Inc., Asbestos Survey Report for Fort Ord Installation, Executive Summary, Prepared for U.S. Army Corps of Engineers under Contract No. DACA05-89-C-0181, April 26, 1993.

- Results of Radon Survey conducted during FY89/FY90 at Fort Ord, Memorandum AFZW-DE-P (200-1c) from Wesley A. Ludwig, COL, EN, DEH.

- U.S. Army Corps of Engineers St Louis District, Ordnance and Explosive Waste Archives Search Report, December 1993.

- Harding Lawson Associates, Draft Data Summary and Work Plan, Site 39 - Inland Ranges, January 1994.

A total of ten maps were used to locate and record all sites of storage, release, or disposal of hazardous substances or petroleum products or their derivatives; the set of ten maps is presented as Figure 5-1, Sections 1 through 10. The maps were based on U.S. Army Corps of Engineers maps as follows:

- U.S. Army Corps of Engineers section maps were used as base maps for most of the developed areas of Fort Ord. Nine section maps had previously been digitized by HLA in support of its investigations; copies of those files were made available to Arthur D. Little for use in the CERFA assessment.

- A single map of all the undeveloped areas at Fort Ord was digitized by Arthur D. Little from the Fort Ord Training Facilities Map (Drawing No. 18-02-27, Sheet No. 5 of 96); the current installation boundaries were digitized from the Tract map provided by the U.S. Army Corps of Engineers Sacramento District, Real Estate Divisions.

All information that was made available by February 15, 1994 was incorporated into this final CERFA report. Data that were not available at the time of this CERFA assessment include the following: lead-based paint survey data for all installation buildings except the pre-1978 housing areas that are scheduled to be excessed (i.e., Hayes Park 4J, Patton Park 2A, 2B and 2Q, Abrams Park IN, and Stilwell Park F and 4G); asbestos survey data for housing areas (expected to be completed by June 1994); and confirmatory radon analyses for the seven locations that exhibited elevated levels in the first round of sampling (expected to be completed by April 1994).

A summary report of the aerial photos available for Fort Ord was reviewed within the CERFA assessment; aerial photographs from 1941, 1949, 1956, 1985, 1988, and 1992 were included in that report (EPA, 1992). Aerial photographs had been reviewed previously as part of the earlier installation assessments and site-specific investigations to identify areas of former activities that could result in environmental impacts. In addition, current programs directed at identifying all potential UXO areas included extensive review of aerial photographs of Fort Ord. A re-interpretation of the photographs was not performed for this report. The primary purpose of reviewing the aerial photographs, within the CERFA assessment, was to confirm that there was no evidence of former storage, release, or disposal of hazardous substances or petroleum products or their derivatives within potential CERFA parcels, i.e., areas that had not previously been identified as areas of concern; the photographs did not indicate that any of the parcels that were categorized as CERFA parcels or CERFA parcels with qualifiers should be disqualified.

2.2 Federal, State, and Local Records Review

The CERFA assessment addressed the requirements of CERCLA 120(h)(4)(A)(i) and (vi) for: (i) "detailed search of Federal Government records pertaining to the property"; and (vi) "reasonably obtainable Federal, State, and local government records of each adjacent facility where there has been a release of any hazardous substance or any petroleum product or its derivatives, including aviation fuel and motor oil, and which is likely to cause or contribute to a release or threatened release of any hazardous substance or any petroleum product or its derivatives, including aviation fuel and motor oil, on the real property."

Numerous reports have been prepared to document the environmental conditions at Fort Ord. These reports were made available and were reviewed as part of the CERFA assessment; the specific information is discussed in Section 4.0 of this report. In addition, federal and state records were searched for information on neighboring properties within one mile of Fort Ord. A computerized search of the following databases was conducted:

- Federal Data Search
  - National Priorities List Superfund Sites
  - EPA CERCLIS sites
  - ERNS Spills
  - RCRA Corrective Action
  - RCRA Subtitle D Landfills
  - RCRA Facilities

- State Data Search
  - State Superfund Sites
  - State Landfills
  - Leaking USTs

The findings of the database search are summarized below. The map and report, indicating the locations of the identified facilities, are provided in Appendix B. None of the facilities or incidents identified in this search is likely to impact Fort Ord property.

- **National Priorities List Superfund Sites**
  National Priorities List (NPL) sites are those sites that are determined by EPA to pose an immediate public health hazard and require immediate cleanup response. Fort Ord is an NPL site; no other NPL sites were identified within a 1-mile radius.

- **CERCLA Sites**
  The EPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database tracks sites found in the CERCLA data system. These sites are usually abandoned or inactive hazardous waste sites that have been evaluated to determine the extent of public hazard. Two CERCLIS listings were identified within 1 mile of the installation: Marina Well #9, Highway 1 & Del Monte Blvd., Marina, California; and Old Sand City Dump, East of Highway 101 at Fremont Blvd., Monterey, California. Three additional sites in the Monterey area with unknown locations were also identified. The database indicated that none of the sites had been listed on the proposed or final NPL, and that no further remedial action was planned for any of the sites; they appear in this database because of Discovery and Preliminary Assessment activities.

- **ERNS Spills**
  EPA maintains the Emergency Response Notification System (ERNS) as the information repository for information on hazardous spills nationwide. This information is based on reports filed by local agencies (e.g., municipal fire, police or environmental departments), county agencies, state entities, and federal agencies (e.g., Coast Guard, National Response Center, and EPA). Fourteen ERNS reports were located within a 1-mile radius of Fort Ord; two additional

fuel spills of unknown location were also reported in the database. All of the reports document minor, localized releases and identify no environments affected by the spill; none of the releases are likely to impact Fort Ord property.

- **RCRA Corrective Action**
  Facilities listed in this EPA database are RCRA-permitted facilities for which Corrective Action activities have been issued to address waste handling problems. No RCRA Corrective Action facilities were identified within a 1-mile radius of Fort Ord.

- **RCRA-D Landfills**
  This EPA database identifies landfills that may have accepted hazardous substances during operation. The database includes currently operating and closed facilities; most of the sites in the system are inactive. Two landfills, the Monterey Peninsula Sanitary Landfill and the Parkfield Disposal Site, were identified in this database; neither of these landfills has intentionally accepted hazardous substances during operation. The exact locations of both were listed as unknown but they are not immediately adjacent to the Fort Ord property. The Laguna Seca Landfill, located near the southern boundary of Fort Ord, was not listed in this database.

- **RCRA Notifier Facility Report**
  This database contains all facilities identified in the Resource Conservation and Recovery Information System (RCRIS) and permitted to handle RCRA hazardous waste. Large quantity generators generate over 1,000 kg hazardous waste/month, or greater than 1 kg acutely hazardous waste as defined by RCRA; small quantity generators generate more than 100 kg and less than 1,000 kg of hazardous waste during any calendar month. Twenty-four RCRA-permitted facilities were identified within the 1-mile radius; five additional facilities of unknown locations were identified in the area. The RCRA facilities are concentrated in the commercial/industrial areas to the north (Marina) and south (Seaside and Del Rey Oaks). Twenty-seven of the facilities were listed as large quantity generators and one was listed as a small quantity generator; one other facility was classified as conditionally exempt. The only facility with reported RCRA violations was one of the facilities of unknown location.

- **State Hazardous Waste Sites and Landfills**
  The state of California database was searched to identify state-designated hazardous waste cleanup sites (CORTESE sites) and landfills in 1-mile radius of Fort Ord. Ten files were identified in the vicinity of Fort Ord. The addresses listed in the report were insufficient to allow mapping of these facilities, and additional information was obtained from the California EPA Department of Toxic Substances. It was determined that several of the files were duplicates and several others were outside of the 1-mile radius around Fort Ord. None of these

sites is expected to impact the Fort Ord property. The following information was obtained for the ten files identified in the database search.

- Marina Well #9 in the vicinity of FAAF (two files): this well was impacted by the OU-2 contamination at Fort Ord.
- Marina Class III Landfill at 14201 DelMonte Boulevard in Marina (two files): a site screening for this site was completed (1990) and a Preliminary Endangerment Assessment was required. The site is being administered by the Central Coast Regional Water Quality Control Board (RWQCB); this site is not expected to impact Fort Ord.
- Amstar Corporation at Spreckels Boulevard in Spreckels: A CERCLA site inspection for this facility was completed (1989) and no further action was recommended; this facility is outside of the 1-mile radius.
- Monterey County Water Treatment Plant at 11 Reservation Road in Marina: this site is not expected to impact Fort Ord.
- Three files were listed with a Salinas Post Office Box number as the only address; these sites was not identified. Further investigation of the California EPA Department of Toxic Substances files did not identify any Salinas sites within 1 mile of Fort Ord.
- One file was listed with a Monterey Post Office Box number as the only address; this site was not identified. Further investigation of the California EPA Department of Toxic Substances files did not identify any Monterey sites within 1 mile of Fort Ord.

The Sand City Dump, located in Sand City, south of Fort Ord at Highway 1 and Fremont Street, was identified by the California EPA Department of Toxic Substances Control as an additional site in the vicinity of Fort Ord. The Sand City dump was identified as a potential source of soil or ground water contamination in the area; no ground water contamination has been observed at the site. The direction of ground water flow in the Seaside Basin, which includes the southern portion of Fort Ord is generally to the west (EA, 1991); the Sand City dump is not expected to impact the Fort Ord property.

The Central Coast RWQCB was contacted to identify additional known sources of ground water contamination in the vicinity of Fort Ord that might not have been included in the computerized database. The Laguna Seca Landfill was identified as a potential area of concern. However, according to the RWQCB, there is no known ground water contamination at this time; the site was recently capped and additional monitoring will be performed.

- **Leaking Underground Storage Tanks**
  The search of this state of California database identified nine leaking USTs within the 1-mile search radius and nine additional leaking USTs in Marina, Monterey (including the Monterey Airport) and Spreckles for which the exact street locations are unknown. Based on information on direction of ground water

flow (EA, 1991) and the information in the database, none of the reported leaking USTs is expected to represent a threat of contamination at Fort Ord. The Leaking Underground Storage Tank database was the only database searched for this report specifically to evaluate the potential impact of off-site contamination from USTs. For additional information, Appendix E provides the most current RWQCB listing of USTs in the area of Fort Ord.

The Monterey County Department of Environmental Health was also contacted to identify additional known sources of environmental contamination that could potentially impact the installation (Interviews: H. Tsuchiya and C. Welch, 8/4/93 and 7/29/93). Three sites were identified in the vicinity of Fort Ord and the files for those properties were reviewed at the county offices. The findings are summarized below:

- *Calabrese Supply Co., 1 Metz Rd. Sand City, CA*
  The county records indicate that this facility was closed. Several abandoned waste oil/lube oil drums were reported to be leaking (May 1993) and a violation for unauthorized release and failure to report a release of hazardous substances had been issued to the current owner of the property. Three underground gasoline tanks and one aboveground diesel tank were reported on the property; these were out of compliance and removal orders dating back to 1990 were noted in the file. This site is located south of Fort Ord and is not expected to represent a potential for on-site contamination at Fort Ord.

- *Granite Construction Co., Highway 1 & Fremont, Seaside, CA*
  The county records for this facility indicated that the two gasoline and diesel underground storage tanks at this site were out of compliance with respect to leak-testing and labeling requirements were not met at the hazardous materials storage area. This site is located south of Fort Ord and does not represent a significant threat of on-site contamination at the installation.

- *Latter Days Saints Church Site, Old Hilltown and Reservation Roads, Salinas, CA*
  Petroleum-contaminated soils were observed during a Phase I Investigation at the site. An abandoned crude oil pipeline (6 inch) was identified as the source of the contamination; residual oil was observed in some sections of the pipe. The observed contamination does not represent a threat to the Fort Ord property. However, it has been determined that the same pipeline runs across Fort Ord and the potential exists for leaks in the pipeline or leaks at the heating station near Range Control.

2.3 Interviews

The requirement of CERCLA 120(h)(4)(A)(vii) for "interviews with current or former employees involved in operations on the real property" was addressed by the CERFA assessment. Extensive interviews of current and former Fort Ord employees involved in operations at Fort Ord had been carried out as part of the Literature Review and Base Inventory Report (EA, 1991) and the Enhanced Preliminary Assessment (Roy F. Weston, 1990); these interviews were not duplicated in the CERFA assessment. Interviews were conducted, as necessary, to address specific questions regarding the storage, release, or disposal of hazardous substances or petroleum products or their derivatives, and to determine the current status of ongoing investigations at Fort Ord.

The Environmental and Natural Resources Branch staff at Fort Ord, the U.S. Army Corps of Engineers staff at Fort Ord, and Harding Lawson Associates (HLA) staff conducting the ongoing RI/FS investigations under contract to the U.S. Army Corps of Engineers were the main sources of information on environmental conditions and recent remediation activities at the installation. USAEC project staff provided direct guidance on scope of work and approach to the CERFA assessment. The principal contacts within these organizations are listed below:

- U.S. Army Environmental Center, Aberdeen, Maryland:
  Ms. Dominique Edwards, COR for Arthur D. Little CERFA task
  Mr. Andrew Maly and Mr. Charles George, Project Officers for Fort Ord CERFA Assessment

- Fort Ord Environmental and Natural Resources Branch:
  Mr. James Willison, BRAC POC
  Ms. Gail Youngblood, POC for CERFA Assessment

- U.S. Army Corps of Engineers, Sacramento District
  Mr. Harvey Jones, Project Officer for Fort Ord investigations
  Ms. Linda Temple, On-site contact at Fort Ord for Corps of Engineers

- Harding Lawson Associates, Novato, California, Contracted to U.S. Army Corps of Engineers:
  Mr. Steven Farley, Project Manager
  Mr. Edward Ticken
  Mr. Eric Williams

In addition to the principal contacts listed above, a number of other installation and agency staff were interviewed during the course of the CERFA assessment. These contacts and their telephone numbers are identified in Table 2-1. If the person was contacted repeatedly during the investigation or during a specific period in the investigation, the relevant time period was listed in Table 2-1; if only one or two contacts were made, the specific date or dates of the interview were included.

2.4 Visual Inspections

The requirements of CERCLA 120(h)(4)(A)(iv) and (v) for "visual inspection of the real property and any buildings, structures, equipment, pipe, pipeline, or other improvements on the real property, and a visual inspection of properties immediately adjacent to the property" and "physical inspection of the property adjacent to the real property, to the extent permitted by owners or operators of such property" were addressed within the CERFA assessment.

The visual inspections that were performed at Fort Ord to evaluate the property within the scope of the CERFA assessment included:

- Initial tour of the installation with Environmental and Natural Resources Branch (ENRB) staff and the USAEC Project Manager on July 7, 1993
- Extended site visit during the period from July 26, 1993 to August 5, 1993
- Site inspections of specific buildings/warehouses and walking tours of parcels that had not previously been categorized as CERFA-disqualified based on review of existing data and reports
- A helicopter survey of the Fort Ord installation on August 2, 1993
- A driving tour (July 30, 1993) of the Fort Ord perimeter to assess the conditions of the adjacent properties

2.5 Title Documents

The original site of Fort Ord was established in 1917 with the purchase of over 16,000 acres; the site was originally named Gigling Field Artillery Range. It was used by units stationed at the Presidio of Monterey as a maneuver area and field artillery and target range. It was renamed Camp Ord in 1933 after Lt. Edward O.C. Ord who constructed the Presidio of Monterey. In 1938, facilities were constructed in what is currently known as the East Garrison; these included the mess halls, administrative buildings, and tent pads. In 1940, additional acreage was obtained to expand the installation to over 20,000 acres, and the name was changed to Fort Ord.

CERCLA 120(h)(4)(A)(ii) requires a review of the "recorded chain of title documents regarding the real property." Title documents available from the U.S. Corps of Engineers Real Estate Division in Sacramento, California, were evaluated to determine date of acquisition of the property. For the CERFA assessment, Fort Ord tract maps and transfer documents were reviewed to identify the prior property owners at the time of transfer to the Army. The purpose of this review was to collect additional information concerning the prior use and environmental condition of the

property at the time of transfer to the Army. The guidance provided by USAEC for the CERFA assessment called for a review of the transfer documents at the time the Army acquired the real property. In those cases where the Army acquired the real property after 1970, a review of the chain of title documents from 1945 to that date of transfer was also required. If the property had been acquired by the U.S. Army prior to 1970, the former owner was identified but no further evaluation of the title was performed. For properties acquired after 1970, a title search was performed to identify previous owners.

The Tract Acquisition map for Fort Ord (U.S. Army Corps of Engineers Drawing No. FB-169, Sheet 1 of 5) is provided as Figure 5-2; the former owner of each tract is identified in the Tract Register included on the map. According to the available title documents, most of Fort Ord was acquired prior to 1970. For the most part, the prior owners identified on the tract acquisition map are individuals; there is no evidence of industrial activity or environmental contamination suggested.

Only three tracts were identified as having been acquired after 1970; these are identified on Figure 5-2 as follows: Tract 139-1 (20.80 acres), tract 139-2 (14.48 acres), and Tract 136 (24.95 acres). Each of these is discussed briefly below.

- The areas identified on the map as Tracts 139-1 and 139-2 were part of a parcel that was conveyed to the County of Monterey on October 31, 1974 and reacquired on August 10, 1982. The deed executed by the United States of America and recorded on November 14, 1974 states that the transferred property was to be used for "public park and public recreation area purposes." Tracts 139-1 and 139-2 were reacquired by Fort Ord from the County of Monterey as part of a land exchange. Since these tracts were originally part of the pre-1940 acquisition, they are not technically considered post-1970 acquisitions and title searches were not performed.

- Tract 136 was the only tract actually acquired by Fort Ord after 1970. This parcel was acquired on July 7, 1977 from William Merrill and Merrill Farms as part of a land exchange. A title search was performed back to 1940 for this tract. The former owners of this tract of land are summarized below; the Title Search Report is provided as Appendix C to this report.

Recorded Date of Transfer	Grantor	Grantee
March 19, 1936	T. R. Merrill	Henry C. Clausen Annie G. Clausen (Husband and Wife)
January 21, 1938	Benjamin Rush Bingaman	T. R. Merrill
August 12, 1955	T. R. Merrill	Wilma S. Merrill (Surviving Spouse)
December 21, 1973	Wilma S. Merrill	Merrill Farms (One-half Interest)
July 25, 1977	Wilma S. Merrill Merrill Farms	United States of America

Table 2-1: List of Interviews/Contacts for Fort Ord CERFA Assessment

Interview No.	Date	Name	Telephone	Organization
I-1	6/93-11/93	Dominique Edwards	(410)671-1609	US Army Environmental Center Task COR
I-2	6/93-11/93	Andrew Maly	(410)671-1628	US Army Environmental Center Fort Ord Project Officer
I-3	7/93-11/93	Gail Youngblood	(408)242-8017	Fort Ord Environmental and Natural Resources Branch Primary POC
I-4	7/93-11/93	James Willison	(408)242-4505	Fort Ord Environmental and Natural Resources Branch BRAC POC
I-5	7/93-11/93	Linda Temple	(408)242-2729	US Army Corps of Engineers (assigned to Fort Ord)
I-6	7/93	Kathy Clack	(408)242-8167	Fort Ord BRAC Office
I-7	7/93-11/93, 3/94	Mark Reese	(408)242-2743	Fort Ord DEH
I-8	7/93-8/93 12/3/93	Clair Murdo	(408)242-2720	Fort Ord DEH - Hazardous Materials Division
I-9	7/93	Dan Stein-Freer	(408)242-2822	Fort Ord DEH - Hazardous Materials Division
I-10	7/93-10/93	Barbara Schmitt	(408)242-2827	Fort Ord Environment and Natural Resources Branch, Underground Storage Tank Program
I-11	7/93-8/93	Roy Durham		Fort Ord Range Control
I-12	11/4/93	Dave Thompson	(408)242-5502	Fort Ord Safety Office
I-13	7/93-8/93	Tom Pinkine	(408)242-3311	Fort Ord Electrical
I-14	8/3/93	Don Reed		Fort Ord Exterior Electrical

Table 2-1: List of Interviews/Contacts for Fort Ord CERFA Assessment (continued)

Interview No.	Date	Name	Telephone	Organization
I-15	7/28/93 8/5/93	Harold Field	(408)242-4392 (408)242-2517	Fort Ord Operations Foreman
I-16	7/93-8/93	Chuck Nix	(408)242-2820	Fort Ord
I-17	7/29/93	Bill Clark	(408)242-4233	Fort Ord Heating Plant
I-18	7/30/93	John Robotti	NA	Fort Ord Training Activities
I-19	7/30/93	Tom Smigha	NA	Fort Ord Training Activities
I-20	7/28/93	Penny Kaler	(408)242-2727	Fort Ord DEH Real Property Office
I-21	7/28/93	Dolly Devoisier	(408)242-2727	Fort Ord DEH Real Property Office
I-22	7/29/93 8/3/93	Jack Massera	(408)242-8167	Fort Ord BRAC Office Cultural Resources
I-23	8/3-5/93	Chief Whitley Ass. Chief Wiest	NA	Fort Ord Fire Department
I-24	7/93-10/93, 3/94	Harvey Jones	(916)557-7414	U.S. Army Corps of Engineers Fort Ord Project Officer
I-25	7/6/93	Ken Fox	(916)557-6870	US Army Corps of Engineers Real Estate Division
I-26	9/30/93	Gloria Lombardi	(916)557-6669	US Army Corps of Engineers Real Estate Division
I-27	10/93-11/93, 3/94	Steve Farley	(415)884-3175	Harding Lawson Associates
I-28	10/93-12/93	Ed Ticken	(415)884-3176	Harding Lawson Associates
I-29	7/93-8/93	Eric Williams	(800)578-0821	Harding Lawson Associates

Table 2-1: List of Interviews/Contacts for Fort Ord CERFA Assessment (continued)

Interview No.	Date	Name	Telephone	Organization
I-30	7/29/93, 3/18/94	David Eisen	(805)542-4636	Regional Water Quality Control Board San Luis Obispo
I-31	7/93-8/93	Deirdre Nurre	(415)744-2366	U.S. Environmental Protection Agency Region 9
I-32	7/93-8/93	Jennifer Smith	(916)255-2024	California EPA Department of Toxic Substance Control Base Closure Branch Sacramento, California
I-32	7/29/93	Corey Welch	(408)647-7654	County of Monterey, Division of Environmental Health
I-33	8/4/93	Howard Tsuchiya	(408)755-4511	County of Monterey, Division of Environmental Health
I-34	8/3/93	William Terry	(408)755-3325	Pacific Gas & Electric
I-35	8/5/93	Richard Stammeron	(408)755-3585	Pacific Gas & Electric
I-36	3/18/94	Charles Van Meter	(408)899-3380	Monterey Peninsula Unified School District, Manager of Safety and Hazardous Materials

3.1 General Description of Real Property and Operations

3.1.1 History and Mission

Fort Ord became the headquarters for the 4th Replacement Training Center in 1947 under the U.S. Army Training and Doctrine Command (TRADOC), and served as a basic infantry training center from 1957 to 1974. FAAF was dedicated to Fort Ord in 1960 and expanded in 1961. On October 21, 1974, Fort Ord was designated as headquarters for the reactivated 7th Infantry Division; the 7th Infantry Division (Light) is the largest unit at Fort Ord. During World War II, and during the Korean and Vietnam conflicts, Fort Ord served as a staging area. Since 1975, Fort Ord has, under the authority of U.S. Army Forces Command (FORSCOM), accommodated both infantry and artillery units. The Secretary of Defense identified Fort Ord for closure under BRAC 91.

While Fort Ord was primarily a training post for infantry soldiers, it also provided command, administrative, and logistical support for the operation of facilities at Fort Ord, Fort Hunter Liggett, the Presidio of Monterey, and Camp Roberts. The 7th Infantry Division (Light) was the largest unit at Fort Ord.

Fort Ord's mission includes the following:

- Command and support assigned and attached FORSCOM activities, units, and sub-installations
- Organize, train, and equip all assigned and attached units and individuals to perform assigned duties
- Provide for the operation, safety, security, administration, education and training, procurement support, service, maintenance, and supply of all individuals, units, and activities assigned, attached or under the command of the installation
- Provide base operations and other support to the Department of the Army, Department of Defense, and other government activities that are tenants of, supported by, or satellites on the installation
- Plan, program, allocate, and supervise the use of resources and facilities for accomplishing FORSCOM basic and support missions, functions, and responsibilities
- Support Army Reserve components in conduct of training and mobilization
- Plan as directed for accomplishment of domestic emergency missions
- Provide for transportation of freight, cargo, and passengers by land, air, and water, exclusive of operation of ports

- Support the TEXCOM Experimentation Center (TEC) on Fort Ord and Fort Hunter Liggett and support the Defense Language Institute on the Presidio of Monterey (Note: Current plans are to move the TEC to Fort Hunter Liggett)

- Support the activities under the authority of the Commander General, Sixth U.S. Army, which include planning and supervising all Reserve Component unit's activities and the planning and execution of missions required for domestic disturbances and emergencies

3.1.2 Real Property Description

Land use within the installation is 19 percent housing and residential, 75 percent open space and training areas, and 6 percent industrial. There are over 8,000 buildings at Fort Ord; these are concentrated in the Main Garrison and East Garrison areas. During full operation, Fort Ord had a base population of approximately 22,000 and supported a total population of approximately 33,800 personnel.

The main firing ranges on the installation were used for practice firing of artillery and explosives and open detonation of UXO. The impact area consists of approximately 8,100 acres of open land. In addition, there are large open areas, totalling approximately 12,000 acres, throughout the installation that were used as training areas by the 7th Infantry Division to maintain its military preparedness. The training areas partially surround the large impact area.

In addition to the extensive housing facilities and training areas at Fort Ord, industrial-type activities at the installation include the following:

- Training and Audiovisual Services Center (TASC) plastic and graphics shops
- Battery charging and repair shop
- Photographic processing laboratories
- Spray painting booths for painting vehicles
- Boiler plants
- Small arms repair shops
- Laundry and dry cleaning operations
- Vehicle maintenance operations
- Vehicle cleaning operations
- Cannibalization area for stripping old vehicles and preparing them for disposal
- Laboratory for monitoring discharges
- Four sewage treatment plants (only the East Garrison plant is in operation and is limited to primary treatment, i.e., solid-liquid separation)
- Water treatment plant
- USTs and above ground storage tanks (ASTs) for storage of chemicals and petroleum products
- Defense Reutilization and Marketing Office (DRMO) hazardous waste storage
- Former DRMO storage
- Radioactive waste storage

- Pesticide mixing and storage
- Sanitary and demolition landfills
- Former incinerator at the East Garrison
- Household hazardous waste transfer station and recycling center
- Medical facilities
- Former medical waste incinerator (Building 1422)

3.2 Changes to Real Property Environmental Conditions Since Enhanced Preliminary Assessment (1990)

There has been no expansion or redirection of the Fort Ord mission since its identification for closure under BRAC 91. The installation has been preparing for site closure by removing hazardous substances that are no longer needed for ongoing operations and properly disposing of flammable and hazardous wastes stored on site. The installation has also moved rapidly to identify and remediate sites with residual environmental contamination. As reported in the Action Plan for Environmental Restoration Acceleration (HLA, 1993), target dates for the basewide RI/FS and ROD for Fort Ord are December 1994 and March 1996, respectively.

Since the 1990 Enhanced Preliminary Assessment (Roy F. Weston, 1990), there have been no significant incidents (fires, spills, or explosions) at Fort Ord. The following changes in environmental conditions have occurred:

- All PCB-containing transformers (>50 ppm) have been removed and PCB fluids have been disposed as hazardous waste (Interview: Clair Murdo, Fort Ord Hazardous Materials Division, July 30, 1993)

- All non-housing areas have been evaluated for the presence of ACBM; surveys of housing areas that are scheduled to be excessed are currently under way to evaluate the presence of ACBM; a report is expected in June 1994. (Interview: Mark Reese, Fort Ord DEH, October 13, 1993)

- Housing areas that are scheduled to be excessed have been surveyed for the presence of lead-based paint; no surveys are planned for other Fort Ord buildings (Interview: Mark Reese, Fort Ord DEH, March 16, 1994)

- A program to locate all USTs and remove all inactive tanks is under way.

- A draft report (U.S. Army Corps of Engineers Archive Search report) documenting past and current training areas with potential for UXO and/or ordnance and explosive waste (OEW) has been prepared; a magnetometer survey and additional investigation for the final report is under way. (Interview: Linda Temple, U.S. Army Corps of Engineers, October 13, 1993)

- Two additional sites have been identified and are currently being investigated under the basewide RI/FS program: Site 40, FAAF Defueling Operations; and Site 41, the Crescent Bluffs Fire Drill Area. (Interview: S. Farley, HLA, October 13, 1993)

4.1 Previously Identified Areas Requiring Environmental Evaluation

Numerous environmental studies have been conducted or are under way at Fort Ord. In the mid-1980s initial installation assessments were performed under the Army IRP. In 1990, Fort Ord was placed on the NPL and additional studies were implemented to prepare the basewide RI/FS and RI/FS studies for the FAAF burn pit (OU 1) and the landfill area (OU 2). Fort Ord entered into a Federal Facility Agreement (FFA) to facilitate cleanup of environmental contamination in November 1990. The FFA is a legally binding agreement among the EPA, the California Department of Health Services, California RWQCB, and the U.S. Army. The agreement requires that the Army investigate and remediate Fort Ord according to CERCLA guidance. These activities have resulted in many investigations and reports documenting potential and confirmed areas of environmental contamination.

The Secretary of Defense identified Fort Ord for closure under BRAC 91. An Enhanced Preliminary Assessment of Fort Ord was prepared in December 1990 (Roy F. Weston, 1990) to identify and characterize all facilities, areas, and operations with respect to known or suspected releases of contaminants, to identify areas of contamination that may require immediate remedial action, and to identify areas that may require additional investigation. The ongoing investigations at the installation are being accomplished under contracts administered through the U.S. Army Corps of Engineers, Sacramento District.

The Enhanced Preliminary Assessment (Roy F. Weston, 1990) identified 61 areas requiring environmental evaluation (AREEs); these are listed in Table 4-1. Recently completed and ongoing investigations of those areas have generated a number of environmental reports, which were reviewed. Based on additional data and information generated since 1990, 41 contaminated and potentially contaminated sites, in addition to the two operable units, have been identified for site investigation activities. These are shown in Table 4-2.

4.2 Additional Areas Requiring Environmental Evaluation Identified by CERFA Investigation

The scope of work of the CERFA assessment requires the identification of areas that would not necessarily be included in the ongoing remedial investigations. While the ongoing RI/FS investigations address areas of suspected contamination and define the areas requiring remediation, the CERFA investigation requires identification of current and past areas of storage, release, and disposal of hazardous substances or petroleum products or their derivatives even if there is no residual contamination. The difference in the objectives has resulted in a number of areas that are not current remediation areas (e.g., areas of current or past petroleum storage, past storage of hazardous substances, or potential release or disposal of hazardous substances) being classified as CERFA disqualified. (See Table 5-1 for details on these areas within each parcel.) In addition, several areas were disqualified based on incomplete

information and without direct evidence of storage, release, or disposal activities. These areas are identified in the table with a (P) for probable/potential in the parcel code.

The CERFA investigation revealed the following new areas that may require additional evaluation by the environmental staff, as noted below:

- A metal box containing unidentified, potentially hazardous substances was observed during the Arthur D. Little site visit on August 5, 1993. The location was noted and Fort Ord ENRB staff were notified; the materials were subsequently removed by Fort Ord Hazardous Waste staff. No information characterizing the materials was available. This area has been disqualified within Parcel 4; the location is shown on Figure 5-1, Section 5, at coordinates (67,162).

- A cleared area with debris was observed on the north side of Eucalyptus Road at Concurrent Training Area, Range No. 48 during the helicopter survey on August 2, 1993. Subsequent investigation revealed that an unlabeled leaking drum had been reported at the site and the area was being investigated by Fort Ord Hazardous Waste staff. A shallow spill was noted and the contaminated soil and drummed contents were sampled and sent for analysis. No information characterizing the material was yet available. This area has been disqualified as Parcel 92; the location is shown on Figure 5-1, Section 2, at coordinates (62,99).

- Several partially exposed, buried drums with unknown contents were observed between Buildings 2112 and 2132 during the Arthur D. Little site visit on August 5, 1993. The location was noted and Fort Ord ENRB staff were notified; the area was subsequently evaluated by Fort Ord Hazardous Waste staff. No information characterizing the materials was available. This area has been disqualified as Parcel 48; the location is shown on Figure 5-1, Section 3, at coordinates (56,158).

- An abandoned pipeline for transporting crude oil from the Belridge Oil field to Monterey runs across Fort Ord through the training areas. The location of the pipeline was plotted on the map provided as Figure 5-1 based on a tract map showing a pipeline right of way conveyed to the Coalinga Oil Transportation Company; the map was attached to a 1904 deed and was provided by the U.S. Army Corps of Engineers, Real Estate Division, Sacramento District. Assistant Fire Chief David Liest and Chief Jerry Whitley were aware of the pipeline that runs through the impact area; it is visible along the surface in some areas. The pipeline is approximately 8 inches in diameter and of steel construction; it dates back to the early 1900s and has been abandoned for at least 50 years. A heating station was formerly located at the current location of Range Control. Soil contamination apparently originating from the abandoned pipeline was observed at a heating/pumping location east of the Fort Ord boundary on Hilltown Road (Interview: H. Tsuchiya, Monterey County Hazardous Materials Branch,

August 3, 1993). The pipeline represents a potential source of release of petroleum products and warrants additional evaluation. The pipeline was mapped and the disqualified area was defined to include all 1-acre grids adjacent to the pipeline, as Parcels 96 and 97; the location of the pipeline is shown on Figure 5-1, Section 10, from approximately coordinates (40, 67) to (182,106). The exact location of the pipeline has not been determined by survey.

Three additional open areas at Fort Ord were observed to contain debris and some construction materials; no records documenting disposal in these areas were available. In accordance with USAEC guidance, these areas have been delineated on Figure 5-1 as Parcel 15 of Section 3 coordinates (42,157), Parcel 20 of Section 3 coordinates (45,138), and Parcel 27 of Section 3 coordinates (49,133). These parcels have not been disqualified because no evidence of hazardous substances was observed during the site visit and follow up discussions with Fort Ord staff and HLA staff familiar with the site provided no indication of any contamination in this area. Parcels 15 and 20 lie within the area disqualified as the Beach Ranges, and Parcel 27 lies within the area qualified as the Recoilless Rifle Training Area.

4.3 Adjacent or Surrounding Properties

Land surrounding Fort Ord is mainly used for residential, agricultural, or recreational purposes. The residential community of Seaside borders the installation to the southwest; residential communities within the city of Marina are located to the north of the Main Garrison and to the west of FAAF. The most productive agricultural lands in the area are in the Salinas River Valley, which lies to the north and east of the Ford Ord installation. Two recreational areas border the installation: the Laguna Seca Raceway to the south and a small portion of the Toro Regional Park to the southeast. In addition, there are camping facilities for base personnel and their families in the training areas located along the Inter-Garrison Road within the Fort Ord complex. For the most part, the remaining installation boundaries border on agricultural or rural residential land.

Major industrial land uses in the area consist mainly of the Monterey Peninsula Airport, located to the southwest, and a major Pacific Gas & Electric Company generating plant, located to the north at Moss Landing.

The review of federal, state and local information is discussed in Section 2.2. The following summary observations can be made from that review.

- The coastal areas to the north and south of Fort Ord are relatively industrial. The inland areas to the north, south, and east are largely agricultural and there are relatively few potential sources of hazardous substances.

- Fort Ord is the only NPL site in the immediate vicinity; additional California hazardous waste sites were identified in the vicinity but no remediation is planned for any of these sites.

- Several leaking USTs and hazardous substance spills were reported at neighboring facilities within 1 mile of Fort Ord, mostly to the northwest and southwest. None of these is expected to represent a threat of contamination at Fort Ord. Most of the reported off-site spills/leaks were either confined to the soil or the resulting contamination would be unlikely to migrate onto the installation.

- An unknown potential for ground water contamination exists at the Laguna Seca Landfill, located south of the installation, but there are no data at this time to suggest that the landfill represents an off-site source of Fort Ord contamination.

Facilities that are located on property within Fort Ord but owned by a third party were evaluated to determine the potential impact of these facilities on Fort Ord real property. These facilities include: the Monterey Peninsula Unified School District (MPUSD) school buildings, Brostrum Park housing, and Thorsen Village housing. The land associated with each of these third-party leases was inspected during the site visit, and additional information was collected from the existing documents or appropriate contacts, as discussed below.

Mr. Charles Van Meter, manager of Safety and Hazardous Materials for MPUSD, provided the following additional information for the district school buildings located within Fort Ord property (Interview: Mr Charles Van Meter, March 18, 1994).

- No hazardous substances or petroleum products or their derivatives have been stored, released, or disposed within the school property. Paints used at the schools are not stored on site.

- An asbestos survey of the school buildings was performed in 1989 and a follow up report was prepared in 1993. All friable asbestos identified in the surveys was removed by a certified contractor; only non-friable asbestos in good condition remains in the school buildings.

- No survey of lead-based paint in the school buildings has been conducted. Since all of the schools were built before 1978 (Hayes Elementary School, 1953; Fitch Middle School, 1961; Stilwell Elementary School, 1957; Marshall Elementary School, 1963; and Patton Elementary School, 1962), all schools can be expected to have some lead-based paint; the schools are well maintained with no chipping or flaking paint.

- A radon survey was performed and no elevated concentrations were observed.

- All PCB-containing transformers have been removed from the school sites; no evidence of leaking transformers was observed.

Additional information for Brostrum Park and Thorsen Village, two other third-party lease properties, was obtained by reviewing the available Fort Ord records. With the exception of the Trailer Park maintenance area, identified as NPL site No. 37, there is no evidence of storage, release or disposal of hazardous substances or petroleum products or their derivatives in any areas within these properties.

Properties that are adjacent to or surrounding the CERFA parcels or the CERFA parcels with qualifiers, whether those properties are within the boundaries of Fort Ord or off site, were identified. The activities occurring on these parcels were evaluated to determine whether there was any evidence to indicate that contamination from adjacent and surrounding properties was likely to impact the areas designated as uncontaminated CERFA parcels. The evaluation of these parcels is provided in Table 5-1.

4.4 Related Environmental, Hazard, and Safety Issues

Military installations frequently contain issues that USAEC believes fall outside of the provisions of CERCLA. For example, while a release of lead-based paint onto the ground may be a CERCLA concern, the application of lead-based paint to a building surface is generally not. However, lead-based paint applied to buildings may represent a safety hazard to young children. Similarly, other substances or materials commonly applied to or found in buildings (for example, radon and asbestos) may not be explicitly regulated under CERCLA, but may require a notice to potential transferees and lessees that they exist.

USAEC has sought to balance the statutory requirements of CERFA with the law's intent to identify uncontaminated property to the public that can be expeditiously reused. Notice has been provided for those parcels that appear to be uncontaminated under the definition provided in CERFA, but which may contain environmental, hazard, or safety issues. Buildings that contain asbestos-containing materials, lead-based paint, or naturally occurring radon fall into this category and are identified as "CERFA parcels with qualifiers" in this CERFA report. Parcels that contain stored (not in use) equipment that contain some level of PCB oil, stored low level radionuclide-containing equipment such as dials and weapon site posts, and UXO are also designated "CERFA parcels with qualifiers."

In those cases, however, where for example, asbestos or PCBs have been disposed of in the environment, the parcel has been identified as "CERFA disqualified." In this example, the designation indicates that a CERCLA hazard may exist at this location.

4.4.1 Asbestos-Containing Building Materials

A survey of all non-housing areas at Fort Ord was performed to identify ACBM, both friable and non-friable. The results of the survey, as presented in the Executive Summary report (Diagnostic Engineering, Inc., April 1993), are presented in Appendix A. While the Executive Summary did not provide detailed data for all buildings, it did provide a list of all structures (Table 2) in which no asbestos was observed. For the CERFA assessment, any building that was not listed in Table 2 of the Executive Summary was assumed to contain some asbestos. Asbestos abatement activities at Fort Ord are limited at this time to areas with immediate potential for exposure to asbestos.

Disqualified parcels that include buildings reported to contain friable or non-friable ACBM are identified by an additional notation (A) in the parcel code. Potential CERFA parcels for which there was no evidence of storage, release, or disposal of hazardous substances or petroleum products or their derivatives, but which do include buildings reported to contain ACBM, are defined as CERFA parcels with a qualifier (A) indicating the presence of ACBM. The descriptions in Table 5-1 identify the parcels in which ACBM was observed; due to the large number of buildings on the installation, the specific buildings reported to contain ACBM are not identified in the table or on the maps.

To date, none of the housing areas has been comprehensively surveyed for ACBM. An asbestos survey of the housing areas to be excessed has been initiated; the report on that survey is expected in June 1994. The housing areas scheduled for survey include: Hayes Park 4J; Patton Park 2A, 2B, 2C, and 2Q; Abrams 1N; Fredericks Park IW; and Stilwell Park F and 4G. The other housing areas are not scheduled to be surveyed (Interview: Mark Reese, March 16, 1994).

For the purposes of the CERFA assessment and in accordance with guidance from USAEC, all housing units constructed through 1985 were assumed to be likely to contain ACBM. Housing areas built through 1985 but with no evidence of storage, release, or disposal of hazardous substances or petroleum products were designated as CERFA parcels with a qualifier (probable) for ACBM, A(P). If the parcel had already been categorized as a CERFA disqualified parcel, the code for that parcel also includes a reference to ACBM (probable). The ACBM indications for individual parcels are noted in Table 5-1.

4.4.2 Lead-Based Paint

A survey of excess housing areas constructed before 1979 has been completed. The presence of lead-based paint was confirmed in the following housing areas: Hayes Park 4J, Patton Park 2A, 2B, 2C and 2Q, and Stilwell Park F and 4G; Abrams Park 1N was confirmed to be free of lead-based paint (Interview: Mark Reese, March 16, 1994). The Fort Ord buildings outside of the housing areas are not scheduled to be surveyed for lead-based paint. Since lead-based paint is likely to have been used in buildings that were constructed through 1978, the dates of

construction were used to identify buildings with a high likelihood for containing lead-based paint. A database of the actual dates of construction for the non-housing areas was assembled as part of the asbestos survey; however, since the database was not yet available, the dates were estimated.

If a parcel with buildings dating back to 1978 had already been categorized as a CERFA disqualified parcel, the parcel code noted in Table 5-1 includes a reference to probable lead-based paint [L(P)]. If the parcel had not been disqualified, i.e., no evidence of storage, release, or disposal of hazardous substances or petroleum products was observed, but included buildings likely to contain lead-based paint, the parcel was designated as a CERFA parcel with a qualifier (probable) and Table 5-1 includes a reference to lead-based paint (probable). Due to the large number of buildings on the installation, the specific buildings have not been identified in the Table 5-1 or on the maps.

Fort Ord ENRB staff and USAEC have directed that buildings with construction dates between 1978 and 1981 also be identified as potential lead-based paint buildings to address the potential for use of lead-based paint during construction activities begun before 1978 but not completed until 1981. Parcels with buildings in this category include the probable lead-based paint notation [L(P)]; however, the parcel description for these parcels states that there is a potential for lead-based paint rather than probable lead-based paint.

4.4.3 PCB Transformers

According to USAEC guidance for the CERFA assessment, parcels that have or have had leaking PCB-containing transformers have been placed in the CERFA disqualified category because a release of hazardous substances has occurred and the parcel cannot be identified as uncontaminated under CERCLA section 120(h)(4). Locations where PCB wastes were accumulated have also been disqualified. Parcels that have operable PCB-containing transformers in normal use with no evidence of leaking have been placed in the CERFA category because the use of PCBs in transformers is not considered storage and because no release or disposal of PCBs has occurred.

According to the Enhanced Preliminary Assessment (Roy F. Weston, 1990), there were over 1,000 transformers located throughout Fort Ord and all transformers have been tested for PCB content. The PCB analyses, performed at an Oregon laboratory that was not specifically certified by the state of California, were used to direct the removal activities. According to the Fort Ord Hazardous Materials Division (Interview: Clair Murdo, July 30, 1993 and December 3, 1993), all transformers with PCB content above 50 ppm have been removed from Fort Ord, including three transformers with measured PCB concentrations above 500 ppm at the theatre. Transformers with PCB content below 50 ppm are still in use at Fort Ord; these

transformers will be replaced as necessary. (Note: California regulates PCBs in concentrations above 5 ppm.)

There is no evidence at this point to indicate that any of the PCB-containing transformers were leaking. No Fort Ord parcels have been categorized as CERFA disqualified parcels or CERFA parcels with qualifier due to the presence of PCB-containing transformers.

4.4.4 Radon

A radon monitoring program was conducted by Fort Ord staff; 7 of 5,480 samples exhibited radon concentrations above 4 pCi/L. These locations are indicated on Figure 5-3, the Parcel Designation Maps. Parcels containing these locations are identified in Table 5-1 as CERFA parcels with a qualifier, and the parcel codes include the radon notation (R). Each of the locations that had exhibited elevated radon concentrations has been resampled; the data for the follow up samples are expected by the end of April 1994 (Interview: Mark Reese, March 16, 1994).

4.4.5 Unexploded Ordnance

The nature of the activities conducted at Fort Ord over its history allows for potential contamination from UXO and/or OEW throughout the extensive training areas as well as in some developed areas of the installation that were previously used for training exercises.

Investigations into the presence of UXO and OEW at Fort Ord are currently under way. A draft report identifying areas of the installation with potential UXO and OEW was prepared in December 1993 for the U.S. Army Corps of Engineers, St. Louis District, by the Huntsville District. This Draft Archive Search report identifies training areas and training activities that were documented in Fort Ord records or identified during interviews with current and former Fort Ord staff. The report is currently a draft and none of the identified areas has been confirmed by field investigations such as sampling and analysis or magnetometer surveys. In addition to the Draft Archive Search report, HLA prepared the Work Plan for Site 39 in January 1994 to investigate the potential UXO and OEW areas; the principal focus of the HLA investigation is the nature and extent of chemical contamination associated with current or past training activities.

The information from the Draft Archive Search report and the HLA Site 39 Draft Work Plan was used to delineate areas of potential UXO and OEW concern; these areas are identified on the parcel designation maps in Figure 5-1. The HLA Site 39 locations are indicated on the maps with a dotted line. Each parcel containing a potential UXO and OEW area has been identified as such in Table 5-1 and the parcel code includes the notation for potential UXO [X(P)]. All potential UXO areas were categorized as CERFA parcels with qualifiers unless there was an indication of chemical contamination. Areas that were identified as potential UXO areas but which are indicated on the Figure 5-1 and Table 5-1 as disqualified parcels include: areas

identified as Chemical/Biological/Radiological training areas; EOD Ranges; other UXO areas with evidence of chemical or fuel releases as part of training activities; UXO areas within NPL study areas; and areas within other parcels disqualified for storage, release, or disposal of hazardous substances or petroleum products or their derivatives.

It should be noted that neither of the investigations to date involved surveying and the locations and areas indicated in the reports are not exact. If a specific area or activity was identified in both the HLA Site 39 report and the Draft Archive Search report and the exact locations did not correspond exactly, the area designated on the parcel maps in Figure 5-1 was usually the area delineated in the HLA report, since the HLA investigation involved additional site inspection to attempt to delineate the boundaries of the specific areas. The Draft Archive Search report focused on identifying all activities that could represent a concern with respect to UXO and their approximate locations; further surveys will be conducted (e.g., magnetometer surveys) to more precisely locate the areas of concern. The reference in Table 5-1 indicates the source of information used to delineate specific parcels. The shapes of the potential UXO areas shown in the Figure 5-1 maps correspond to the shapes indicated in the reference documents.

4.4.6 Radiological Sources

A survey of radiological sources has been completed for Fort Ord. The listing of all Fort Ord locations at which equipment containing Nuclear Regulatory Commission (NRC) licensed materials were used, stored or repaired is provided in Appendix D to this report. The parcels containing these locations are indicated in Table 5-1. If a parcel containing radiological sources had already been categorized as a CERFA disqualified parcel or a CERFA parcel with qualifier, the parcel code noted in Table 5-1 includes a reference to radiological sources (RD). If the parcel had not been disqualified, i.e., no evidence of storage, release, or disposal of hazardous substances or petroleum products or their derivatives was observed, but the survey indicated that a radiological source was used or stored at a location within the parcel, the parcel was designated as a CERFA parcel with a qualifier (RD) and Table 5-1 includes a reference to the survey. Due to the large number of buildings involved, specific buildings have not been identified in the Table 5-1 or on the maps.

4.4.7 Other Potential Concerns

The underground utilities at Fort Ord, including the storm water and sanitary sewer drainage systems, and the surface water outfalls, represent a potential mechanism for transporting hazardous substances from handling areas or motor pools. The basewide investigations showed contamination within the drainage systems at several sampling locations but the data do not indicate that the pipes act as a subsurface source of contamination. Specific outfall or pipe locations exhibiting elevated concentrations of contaminants were categorized as CERFA disqualified parcels and are indicated on the maps and in Table 5-1. However, a thorough evaluation of the potential for contamination within the system was not conducted as part of this study; parcels

traversed by the underground pipes and areas downstream of the discharge for which there were no data were not categorized as CERFA disqualified.

The basewide surface water outfall investigation (HLA, April 5, 1993) also tabulated sewage releases that were reported during the period of June 1990 through March 1992; no written records of sewage spills were kept by base personnel prior to June 1990. These data were evaluated but the reported sewage discharges were not considered sufficient reason for categorizing a parcel as CERFA disqualified since there was no evidence of hazardous substance release. Areas that were explicitly designated as sewage overflow areas, on the other hand, were disqualified.

4.5 Sites With Historical or Ongoing Remediation Efforts

At present there are 41 sites that are currently under investigation and two active Operable Units at Fort Ord; these are listed in Table 4-2. The basewide RI/FS program is currently under way and remediation plans for these sites will be documented in that report. A detailed discussion of the remediation efforts has not been included as part of this CERFA assessment report.

A digitized file mapping all 41 NPL investigation sites was obtained from HLA for use by Arthur D. Little in preparing this CERFA report; the site boundaries provided in the HLA file are shown as cross-hatched areas on the maps provided as Figure 5-1. The site identifications are not provided on the maps. The sites are identified in Table 5-1 by site number and site name within the appropriate parcel; the specific Figure 5-1 locations are also provided in Table 5-1.

The entire area of investigation delineated for each of the sites has been categorized as CERFA disqualified since the potential for contamination was identified at one time and since none of the sites has been formally accepted by the regulatory agencies as a no further action site. The result of this approach is that several areas that have been characterized as uncontaminated in subsequent investigations and that are not expected to require remediation have been disqualified under CERFA. However, since the potential for release, disposal, or storage (for at least a year) of hazardous substances or petroleum products or their derivatives at any time in the past is relevant under CERFA, the conservative approach described above is appropriate. Additional information regarding the observed areas of contamination will be provided, to the extent possible, in Table 5-1 for sites where the areas of concern are significantly smaller than the initial area of investigation (e.g., Site 13 - Railroad Right of Way and Site 28 - Barracks and Main Garrison Area).

In addition to the 41 sites discussed above, there are three defined areas of ground water contamination on Fort Ord: Operable Unit 1 (OU1), Former Fire Drill Area; Operable Unit 2 (OU2), Fort Ord Landfills; and Sites 2 and 12, which were combined for the purposes of site investigation and remediation. Chlorinated

hydrocarbons represent the principal contamination in ground water. The ground water contamination plumes for each of the three areas have been indicated on the maps provided as Figure 5-1; existing data, as well as input from the RWQCB (Interview: David Eisen, March 18, 1993), were used to delineate the plume, as discussed below.

- The extent of OU1 ground water contamination was delineated with reference to the Ground Water and Soil Treatment System Report of Quarterly Monitoring (January 5, 1993) prepared by HLA and in direct consultation with HLA staff involved in the project.

- The extent of contamination associated with Sites 2 and 12 was delineated with reference to the Data Evaluation and Recommendation Report for Sites 2 and 12 (May 5, 1993) and in direct consultation with HLA staff involved in the project. The broadest extent of observed contamination (trichloroethene, TCE; perchloroethylene, PCE; or 1,2-dichloroethene, 1,2-DCE) was used to define the plume since any detectable contamination represents a release of hazardous substances and disqualifies that area with respect to CERFA.

- The ground water contamination associated with OU2, the Fort Ord Landfills, extends significantly beyond the area of the landfills. The extent of OU2 ground water contamination plume was delineated with reference to: the Dames & Moore Remedial Investigation Report (June 8, 1993); correspondence from HLA to Mr. Harvey D. Jones, U.S. Army Corps of Engineers, regarding cleanup time estimates for OU2; direct consultation with HLA staff involved in the project; and additional input from the RWQCB (Interview: David Eisen, March 18, 1994). The 10 ppb TCE plume was indicated on the map; however, the disqualified area corresponds to the broadest extent of contamination reported above the detection limits since any detectable contamination represents a release of hazardous substances and disqualifies that area with respect to CERFA. It should be mentioned that the disqualified area was extended to include the area between the OU2 plume and the plume associated with Sites 2 and 12; if on-site conditions change, this area would be threatened by the observed OU2 ground water contamination.

4.6 CERFA Excluded Parcels

There are no parcels within the current boundary of Fort Ord that have been designated as CERFA excluded parcels. Although there are plans to retain certain areas within the installation, the boundaries of those areas have not been defined, and the areas have not been excluded from the CERFA assessment.

Table 4-1: Areas Requiring Environmental Evaluation Identified in Enhanced Preliminary Assessment at Fort Ord

AREE Number	Description
1	Burn Pit (FAAF Fire Training Pit)
2	Main Garrison Landfill
3	Sanitary Wastewater Treatment (FAAF sewage treatment plant)
4	Maintenance Shop (707th Maint. BN)
5	Maintenance Shop (13th Engr BN)
6	Maintenance Shop (Building 527)
7	Cannibalization Area
8	DRMO Hazardous Waste Storage Area
9	PCB-Containing Waste Area (Building 111)
10	Underground Storage Tanks (AAFES)
11	Sanitary Wastewater Treatment (East Garrison sewage treatment plant)
12	Sanitary Wastewater Treatment (Main Garrison sewage treatment plant)
13	Medical Facilities (Autoclave Area, Building 1442)
14	Burn Pit (Fire Training Area)
15	PCB-Containing Waste Storage Area
16	Open Detonation Area
17	TASC Plastics Shop
18	Pesticide Mixing and Storage Area
19	Dry Cleaning Shop
20	Incinerator (Building 4385)
21	Medical Facilities (Silver Recovery Unit Building 4385)
22	Former DRMO Storage Area
23	TASC Graphics Shop
24	Maintenance Shops (located throughout facility)
25	Underground Storage Tanks (located throughout facility)

Table 4-1: Areas Requiring Environmental Evaluation Identified in Enhanced Preliminary Assessment (continued)

AREE Number	Description
26	Aboveground Storage Tanks (located throughout facility)
27	Battery Repair Shop (Building 2722)
28	Photographic Laboratories (located throughout facility)
29	Boiler Blowdown Areas (located throughout facility)
30	Wash Racks and Grease Racks (located throughout facility)
31	Spray Painting Facilities
32	Small Arms Repair Shop (Building 4900)
33	Medical Facilities
34	Laboratory Operations (Buildings 3723, 4420 and 2076)
35	Firing Ranges
36	Other Training Sites
37	Other Hazardous Material Storage and Handling Areas (located throughout facility)
38	Radioactive Waste Storage
39	Sanitary Wastewater Treatment (Ord Village sewage treatment plant)
40	Former Landfill at East Garrison
41	Impact Area
42	Transformers (located throughout facility)
43	Ammunition Storage
44	Other Hazardous Material Storage and Handling Area (Building 91)
45	Former Landfill Building 1474 Area
46	Former Hospital Area
47	Septic Tanks and Tile Fields (location unknown)
48	Former Directorate of Engineering and Housing Yard
49	Spill Areas (located throughout facility)
50	Former Incinerator at East Garrison

Table 4-1: Areas Requiring Environmental Evaluation Identified in Enhanced Preliminary Assessment (continued)

AREE Number	Description
51	Leaking Underground Storage Tank
52	Leaking Aboveground Storage Tank
53	Fueling Stations (located throughout facility)
54	Building 3625 Spill Area
55	Former Leaking UST Area (Building 511)
56	Water Treatment Plant (Building 4974)
57	Unauthorized Disposal Areas (located throughout facility)
58	Former UST Areas (exact locations unknown)
59	Shoreline Erosion (located throughout shoreline)
60	Asbestos (located throughout facility)
61	Pesticide Usage (located throughout facility)

Source: Enhanced Preliminary Assessment (Roy F. Weston, 1990).

Table 4-2: Current Site Investigations at Fort Ord

Site Number	Description
OU1	Former Fire Drill Area. Currently in Operation and Monitoring phase. Remedial Action started in 1988. Remedial action for ground water is by granular activated carbon; ground water is expected to be remediated in 5 to 7 years. Remedial action for soil is by bioremediation; soil has been remediated.
OU2	Fort Ord Landfills. Currently in RI/FS phase.
1	Ord Village Sewage Treatment Plant.
2(a)	Main Garrison Sewage Treatment Plant.
3	Beach Firing Ranges.
4	Beach Stormwater Outfalls. Incorporated into basewide sewer program.
5(b)	Range 36A (Explosive Ordnance Demolition).
6(b)	Range 39 (Abandoned Car Dump).
7(b)	Ranges 40 and 41 (Fire Demo Area).
8(b)	Range 49 (Molotov Cocktail Range).
9(b)	Range 39 (Fire Frenzy Exhibition). Gelatinized gasoline ignited.
10	Fire Drill Burn Pit
11	AAFES Fueling Station
12(a)	DOL Automotive Yard, Cannibalization Yard, Lower Meadow Area.
13	Railroad Right of Way
14	707th Maintenance Facility
15	Directorate of Engineering and Housing (DEH) Yard
16	DOL Maintenance Yard, Pete's Pond Area
17	1400 Block Motorpool
18	1600 Block Motorpool
19	2200 Block Facility
20	South Parade Ground, 3800 Block Motorpool, 519th Motorpool
21	4400/4500 Blocks Motorpool (East)

Table 4-2: Current Site Investigations at Fort Ord (continued)

Site Number	Description
22	4400/4500 Blocks Motorpool (West)
23	3700 Block Motorpool
24	Old DEH Yard
25	Former DRMO Site
26	Sewage Pump Stations-Buildings 5871/6143
27	Army Reserve Motorpool
28	Barracks and Main Garrison Area
29	DRMO
30	Driver Training Area
31	Former Dump Site
32	East Garrison Sewage Treatment Plant
33	Golf Course
34	Fritzsche AAF Fueling Facility
35	Aircraft Cannibalization Yard
36	Fritzsche AAF Sewage Treatment Plant
37	Trailer Park Maintenance Shop
38	AAFES Dry Cleaners
39	Inland Ranges/Impact Area
40	FAAF Defueling Areas
41	Crescent Bluffs Training Area

Notes:

(a) Sites 2 and 12 were combined in May 1992 for the purposes of site investigation activities.
(b) To be addressed within Site 39 Work Plan.

5.1 Designation of Parcels For CERFA Assessment

After concluding the review of investigation documents, regulatory records, personnel interviews, and visual inspections, Arthur D. Little identified parcels on the installation as CERFA disqualified parcels, CERFA parcels with qualifier, or CERFA parcels, according to the criteria established in the scope of work and summarized in Section 1.2. The Fort Ord property is illustrated on a set of ten maps: nine section maps document the developed areas within the installation; the tenth map documents the undeveloped land in the training areas. Digitized files of the nine section maps were obtained from HLA and used as templates for recording the data collected during the CERFA assessment; the site information was digitized by HLA directly from the U.S. Army Corps of Engineers base maps for Fort Ord. The base map, including most of the undeveloped training areas, was digitized by Arthur D. Little from Fort Ord site maps and title maps. The ten maps, illustrating the information collected during the CERFA assessment and defining the parcels, are provided as Figure 5-1. The different CERFA parcel categories are indicated on the ten maps by different shadings.

The Fort Ord property was divided into parcels using the following parcelization guidelines set forth by USAEC.

- A 1-acre grid was superimposed on the Fort Ord map to define the boundaries of the parcels.
- Parcels were delineated along the lines of the grids in polygonal shapes.
- An numeric x,y-coordinate system was used to identify the location of parcels.
- The minimum parcel size was 1 acre; any remaining areas less than 1 acre were absorbed into the nearest parcel. The entire 1-acre grid square was shaded to correspond to the appropriate parcel category.
- After disqualified and qualified parcels had been delineated, the remaining areas were defined as CERFA parcels.
- Parcels were labeled according to the system outlined in Section 1.2 of this report to indicate the CERFA category and environmental concerns.
- To the extent practical, individual housing areas and schools were defined as separate parcels.
- If a specific grid included activities that would disqualify the area, and the presence of materials that would categorize the area as CERFA with qualifier was also identified within the same grid, the area was categorized as disqualified and the additional information was included in Table 5-1; the parcel code indicates both disqualifying and qualifying hazards.

- All UXO areas were identified. UXO areas within the parcels that had already been disqualified were identified on the map and the parcels was listed as disqualified; UXO areas that did not fall within disqualified parcels were identified as distinct CERFA parcels with the UXO qualifier, separate from the other CERFA with qualifier parcels.

The Army chose a 1-acre grid system to aid in the presentation of data gathered during the CERFA report investigation, and to facilitate use of the document by reuse groups and others. The 1-acre grid provided a consistent method to report and locate environmental or other concerns. In the many cases where the concerns are much smaller than 1 acre, the grid system simplifies the depiction of the concern. Accordingly, the areal extent of many small areas of concern, such as UST sites, are liberally depicted in the CERFA report.

Additionally, the 1-acre grid size was chosen as a generally redevelopable parcel size for either industrial or residential uses. However, the grid does not drive reuse nor restrict it. Reuse decisions should be made irrespective of the grid.

Arthur D. Little's investigation and subsequent parcelization of Fort Ord determined that approximately 12,400 acres of the facility fall within the CERFA parcel category. Approximately 11,100 acres of the facility are categorized as CERFA parcels with qualifiers. Four-thousand five hundred thirty-five acres constitute the CERFA disqualified portion of the installation. The CERFA parcels are located predominantly in the undeveloped portion of the installation outside of the Main Garrison, East Garrison, and Impact area. The Impact area parcel is approximately 8,400 acres of the CERFA with qualifier acreage.

In determining the applicable parcel categories for the installation property, Arthur D. Little observed the following guidance provided by the USAEC for specific circumstances:

- Buildings constructed prior to 1978 are assumed to contain lead-based paint. A similar assumption is made for asbestos in buildings constructed prior to 1985.

- Storage of petroleum products, petroleum derivatives, and CERCLA regulated hazardous substances will prevent an area from becoming a CERFA parcel as long as that storage is for one year or greater. The quantity of substances stored is not relevant to determining the applicable parcel category. However, if the operation requiring such substances is in the immediate area, and the storage is in limited quantities for immediate use, the area is not precluded from being a CERFA parcel.

- Non-leaking equipment containing less than 50 ppm PCBs does not preclude an area from becoming a CERFA parcel. Non-leaking, out-of-service equipment with greater than 50 ppm PCBs will place an area in the CERFA parcel with qualifier category. An area is designated CERFA disqualified if there is a known release of material containing greater than 50 ppm PCBs.

- Areas where there are transport systems or process equipment that handle hazardous material or petroleum products and upon which there have been no release, storage, or disposal are categorized as CERFA parcels.

- Ordnance disposal locations are designated as CERFA disqualified. This does not include ordnance impact areas that are designated CERFA parcels with qualifiers.

- Routine pesticide and herbicide application in accordance with manufacturer's directions and the use of chlorofluorocarbons and halon in operational systems do not preclude an area from becoming a CERFA parcel.

- Coal storage piles and railroad tracks do not by themselves preclude an area from becoming a CERFA parcel.

All NPL study areas were located on the Figure 5-1 maps using digitized files provided by HLA; the entire area of investigation was disqualified. Other disqualified areas that were identified as former or current locations of storage, release, or disposal of hazardous substances or petroleum products or their derivatives, based on document review, photographs, interviews, and site inspections, were also located on the set of maps provided as Figure 5-1. Parcel boundaries were then drawn along the grids, including any grid that was partially within a given site. Similarly, all qualified areas were located on the Figure 5-1 maps and the parcel boundaries drawn along the 1-acre grids. None of the areas have been surveyed as part of this investigation and the mapped locations and parcel sizes are not precise. This is especially true of the potential UXO areas within the undeveloped training areas.

Each parcel has been labeled with a code indicating the parcel number, the parcel designation (CERFA disqualified, CERFA with qualifier, or CERFA), and the reason for the parcel designation; if there is uncertainty associated with the information, a "(P)" notation for probable has been included in the label. The parcels have been numbered on the maps and complete parcel codes have been provided in the legend for each map. The parcel number and code, location, description, CERFA category, and reasons for the specific category are summarized in Table 5-1. The location information in Table 5-1 includes a reference to the specific Figure 5-1 Section map (1 through 9) or the base map and a grid location, in x,y-coordinates.

5.1.1 CERFA Disqualified Parcels

Any parcel in which storage, release, or disposal of petroleum products or CERCLA hazardous substances has occurred (presently or in the past) was defined as a CERFA disqualified parcel. Areas of petroleum release included leaking UST sites, and petroleum or petroleum derivative spill sites; storage of any quantity of petroleum or petroleum products in USTs or ASTs also disqualified a parcel as a petroleum storage site. A spill of any known hazardous substance or any unknown material was considered a hazardous release; hazardous substance storage was defined as storage of any amount of CERCLA hazardous substances for a period of one year or more. Since the available storage records did not generally indicate the storage period, any area that was known to have been used for storage of hazardous substances was assumed to have the potential for long-term storage. Areas in which ground water contamination has been identified were also categorized as disqualified; the disqualified area was delineated to include all areas where ground water contamination has been detected, as discussed in Section 4.5. Parcels for which there is evidence of a potential for release or disposal of hazardous were also considered disqualified; the absence of firm evidence in support of this classification was noted in the description in Table 5-1, and the parcel code included a (P) notation.

A number of sites identified in previous studies were investigated and will eventually be classified as no further action (NFA) sites as part of the RI/FS program either because there was no evidence of the reported activity or because the reported activity was confirmed but the site was determined to require no further cleanup or remediation (i.e., a real or potential environmental release was identified but no residual contamination was observed). For the CERFA assessment, all remediation sites and other sites with confirmed release of hazardous substances, including NFA sites with confirmed release of hazardous substances but with no residual contamination warranting remediation, were identified as disqualified parcels on the Parcel Designation maps in Figure 5-1. Sites for which there is evidence of general disposal activity but no field investigation data to determine the presence or absence of hazardous substances were noted as locations of "potential" hazardous substance release/disposal.

The parcels categorized as CERFA disqualified parcels are indicated on the Figure 5-1 maps by light shading and a "D" following the parcel number; the supporting information for disqualifying a specific parcel is provided in Table 5-1. The boundaries of disqualified parcels were determined from the available site investigation documents, ground water monitoring data, and on-site inspections; the parcel boundaries were delineated to include all areas in which contamination had been observed or could reasonable by expected based on available information. To the extent practical, symbols indicating the location of known or probable areas of petroleum storage (PS), petroleum disposal or release (PR), hazardous substance storage (HS), and hazardous substance disposal or release (HR) have been displayed on the maps. Although every attempt has been made for the placement of these symbols to accurately reflect the available information, the placement of the symbols

is not meant to provide a precise location of a specific activity. The individual site investigation reports, referenced in Table 5-1, should be consulted for additional information on specific areas of concern within a parcel.

Disqualified parcels were also evaluated for other environmental, hazard, or safety issues and, where appropriate, the parcel label in Figure 5-1 includes the qualifier code. Supporting information is provided in Table 5-1.

5.1.2 CERFA Parcels With Qualifiers

Parcels in which there are is no evidence of current or past storage, release, or disposal of hazardous substances or petroleum products or their derivatives, but for which there is evidence of the presence of other environmental, hazard or safety concerns are categorized as CERFA parcels with qualifiers. These parcels are indicated on the maps by a medium shading and a "Q" following the parcel number; the specific reason for the qualifier (e.g., ACBM, lead-based paint, radon, radionuclides, UXO) is provided in Table 5-1. The boundaries of the CERFA parcels with qualifiers were defined to include all areas outside of the disqualified parcels that contained the potential concerns identified above. The boundaries of disqualified parcels were determined from the available site investigation documents, ground water monitoring data, and on-site inspections and were delineated to include all areas in which contamination had been observed or could reasonable by expected based on available information. The incomplete lead-based paint data and the lack of asbestos data for the housing areas introduce some uncertainty into the boundaries of the CERFA parcels with qualifiers, as discussed below.

The lead-based paint survey has been completed for the Fort Ord housing areas scheduled to be excessed, and the information is included in Table 5-1. None of the buildings in the non-housing areas have been surveyed for lead-based paint. Predictions of lead-based paint would ideally have been made on the basis of dates of construction; however, since there was no readily available database of construction dates for the non-housing areas, predictions were made on the basis of the available information and the estimated age of the buildings. The absence of data was noted in Table 5-1, where appropriate.

Due to the large number of buildings at Fort Ord, specific buildings with observed or probable ACBM or lead-based paint have not been indicated on the maps or in Table 5-1; the ACBM data are summarized in Appendix A. The initial asbestos survey did not address the Fort Ord housing areas; the survey of housing areas scheduled to be excessed is expected to be completed in June 1994. The location of all observed elevated radon concentrations are indicated on the maps.

The information available for defining potential UXO areas included the Draft Archives Search Report prepared in December 1993 for the U.S. Army Corps of Engineers, St. Louis District, by the Huntsville District, and the Draft Work Plan for Site 39 prepared in January 1994 by HLA for the U.S. Army Corps of Engineers,

Sacramento District. The outline of potential UXO/OEW areas are shown on the Figure 5-1 maps. All potential UXO areas were categorized as CERFA parcels with qualifier unless there was an indication of chemical contamination, including: Chemical/Biological/Radiological training areas; EOD Ranges; other UXO areas with evidence of chemical or fuel releases as part of training activities; and UXO areas within NPL study areas or within other parcels disqualified for storage, release, or disposal of hazardous substances or petroleum products or their derivatives. The boundaries of the potential UXO areas were delineated to include all potential areas of concern; however, the parcels have not been surveyed and additional field investigations to confirm the presence or absence of UXO and OEW and verify the boundaries are currently under way.

Fort Ord parcels and off-site properties that were adjacent to CERFA parcels with qualifiers were identified and evaluated; a statement reflecting any potential areas of concern on the adjacent properties has been included in the parcel description included in Table 5-1. The activities on all adjacent disqualified parcels were evaluated to identify any potential concerns or contamination that may threaten the parcel in question. Any parcels that were adjacent to the areas of ground water contamination were identified; if the parcel was outside of the defined limits of observed contamination, a statement to that effect was included in Table 5-1. In addition, since the boundaries of the potential UXO areas have not been surveyed, any CERFA parcels with qualifiers that were adjacent to potential UXO areas were also identified in Table 5-1.

5.1.3 CERFA Parcels

Parcels in which there is no evidence of current or past storage, release, or disposal of hazardous substances or petroleum products or their derivatives, and for which there is no evidence of the presence of other environmental, hazard, or safety concerns are categorized as CERFA parcels. CERFA parcels are considered clean, uncontaminated areas. These parcels are shown on the map with no shading and a "P" following the parcel number. The locations of these parcels are provided in Table 5-1.

The boundaries of the CERFA parcels were defined to include all areas that had not previously been categorized as CERFA disqualified parcels or CERFA parcels with qualifiers. The boundaries of disqualified parcels were determined from the available site investigation documents, ground water monitoring data, and on-site inspections; the parcel boundaries were delineated to include all areas in which contamination had been observed or could reasonable by expected based on available information. The inherent uncertainty in the boundaries of UXO areas, and the absence of complete asbestos and lead-based paint data, introduce some uncertainty in the delineation of CERFA parcels in the undeveloped and developed areas, respectively.

Fort Ord parcels and off-site properties that were adjacent to CERFA parcels were identified and evaluated; a statement reflecting any potential areas of concern on the adjacent properties has been included in the parcel description included in Table 5-1. The activities on all adjacent disqualified parcels were evaluated to identify any potential concerns or contamination that may threaten the parcel in question. Any parcels that were adjacent to the areas of ground water contamination were identified; if the parcel was outside of the defined limits of observed contamination, a statement to that effect was included in Table 5-1. In addition, since the boundaries of the potential UXO areas have not been surveyed, any CERFA parcels that were adjacent to potential UXO areas were also identified in Table 5-1.

5.2 Tract Map and Property Boundaries

Figure 5-2 is a tract map illustrating the parcels that currently make up Fort Ord; the previous owner of each parcel has also been identified on the Acquisition Register included on the map. This map was provided by the U.S. Army Corps of Engineers, Real Estate Division, Sacramento District. As discussed in Section 2.5, most of the land was part of a pre-1940s acquisition, and all but three tracts were acquired prior to 1970. The three more recently acquired tracts were obtained as part of land exchanges; two parcels had previously been part of the Fort Ord installation, excesses to the county of Monterey, and reacquired as part of a July 7, 1977 land exchange; the third was actually a new acquisition on August 10, 1982.

The installation boundary illustrated on Figure 5-1 is not identical to the boundary on most of the base maps obtained from Fort Ord. The discrepancies are in the areas of the recent land exchanges: Parcels 136, 139-1, and 139-2. The installation boundary on the base maps presented as part of Figure 5-1 and Figure 5-3 has been drawn using the Title map (Figure 5-2) and reflects all parcel acquisitions.

5.3 Summary CERFA Map

A set of ten maps identifying the different CERFA categories of the parcels defined within Fort Ord is provided in Figure 5-3, Sections 1 through 10. These maps are identical to those provided in Figure 5-1 but present only the CERFA designations and shading; none of the backup environmental data have been included.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
1 D-HR/PR(P)/X(P) 226 acres	Section 5 (50, 181)	Disqualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93).* Site No. 4 - Beach Stormwater Outfalls: Contamination measured at beach stormwater outfall; potential release of hazardous substances and/or petroleum. *(Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93)*
		Qualified	Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
2 D-HR(P)/X(P) 18 acres	Section 5 (63, 185)	Disqualified	Sewage overflow collection area for sewage pump station. No direct evidence of hazardous substances but potential for release in sewage. *(Interview: Harold Field, Facilities, 8/5/93)*
		Qualified	Flame Thrower Range Area, Area of 75 mm Howitzer Firing Points, Mine and Booby Trap Area: Approximate location of former minefield practice area, area reportedly used as flame thrower range, and several 75 mm Howitzer firing points; potential exists for presence of unexploded ordnance and/or explosive waste. Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
3 D-PS/A(P)/L/X(P) 1 acre	Section 5 (62, 181)	Disqualified	Petroleum Storage: Backup fuel storage (200-gallon gasoline UST) at Building 8775, Sewage Lift Station. *(Dec. 1988 SPCC Plan)*
		Qualified	Confirmed lead-based paint and probable ACBM in Patton Park based on dates of construction (1962, 1966, 1969) *(Interview: M. Reese, 3/16/94)*; no ACBM survey data were available for the housing areas. Mortar Square #1: Approximate location of former area reportedly used for training activities with potential for presence of unexploded ordnance and/or explosive waste. Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
4 D-HR/HS/PS/PR(P)/A/L(P)/X(P)/RD 1,825 acres		Disqualified	
	Section 3 (45, 165) Section 5 (53, 169)		Sites No. 2 and 12 - Main Garrison Sewage Treatment Plant & Lower Meadow, DOL Yard: 8 USTs; 3 o/w separators; lead-contaminated soil area; ground water contaminated with chlorinated solvents, including 1,2-dichloroethene (1,2-DCE), trichloroethene (TCE), and tetrachloroethene (PCE). The 1 ppb TCE-contaminated plume extends from the vicinity of the ballfield at (57,103) to the beach ranges; the extent of the 1,2-DCE and PCE plumes are similar. The approximate extent of the ground water plume has been delineated on the map. *(Data Evaluation and Recommendation Report, Sites 2 and 12, Fort Ord, California, Draft, HLA, 5/5/93)* Hazardous substances storage in Buildings 2424, 2425, 2426, 2427, 2429, 2722, 2724, 2726, 2754, 2780, 2719. *(Dec. 1988 SPCC Plan)* Small area of railroad tacks near Site 12 exhibited contamination; this was the only part of the railroad tracks exhibiting contamination. This area is within the area defined by this parcel. *(Interview: HLA (E.Ticken), 11/20/93)*
	Section 5 (57, 164) Section 5 (59, 174) Section 5 (56, 174)		Site No. 28 - Barracks and Main Garrison Area: The initial area delineated for Site 28 is shown on the maps in Figure 5-1; the actual area of concern is much smaller, i.e., the Visual Information Center (Building 2842), the Photo Developing Unit (Building 2850), and the Print Shop (Building 2353); each of these has been indicated on the map and disqualified for hazardous substances storage. Some soil gas and soil contamination (VOCs, HCs, methylene chloride) was observed. Although no further work is recommended at Site 28, the area has been disqualified as an area of investigation that has not yet been accepted as a no further action site. *(Site Characterization Report, Site 28 - Barracks and Main Garrison Area, Fort Ord, California, Draft, HLA, 2/25/93)*
	Sections 5 and 6 (86-108, 151-163) Ground Water (42-109, 150-175)		OU-2 - Fort Ord Landfills: Former landfill cells. Ground water contamination plume defined as the 10 ppb TCE plume has been delineated on the map. The disqualified area has been extended to include all locations at which TCE was detected in the ground water monitoring wells. The area between the OU-2 contamination and the ground water contamination from Sites 2 and 12 has also been disqualified due to the potential for contamination. *(Remedial Investigation Report, Final, Dames & Moore, 6/8/93; Interview: D. Eisen, RWQCB, 3/18/94; HLA Correspondence to Harvey D. Jones, U.S. Army Corps of Engineers, Sacramento District, 7/22/93)*
	Section 3 (50,164) Section 5 (51,169)		Site No. 13 - Railroad Right-of-Way: The area delineated as Site 13 was a portion the Railroad Right of Way. The only area at which contamination was observed is along the tracks within Site 12, an area already disqualified for other reasons. Although no further work is recommended at Site 13, this portion of the railroad track area has been disqualified as an area of investigation that has not yet been accepted as a no further action site. Basic railroad operations, including loading and unloading activities, represent a potential for release of hazardous substances or petroleum products or their derivatives. *(Site Characterization Report, Site 13 - Railroad Right of Way, Fort Ord, California, Draft, HLA, 12/10/92).*
	Section 4 (77, 151)		Site No. 14 - 707th Maintenance Facility (and fueling facility): 2 hazardous substances storage areas, 1 waste oil UST, 1 diesel fuel UST, 2 o/w separators, 3 grease racks, 4 former USTs (waste oil), former fueling station, 1 wash rack; soil contamination near diesel and waste oil UST, some GW contamination. *(HLA Briefing Document, 2/93; Site Characterization Report - Site 14, 707th Maintenance Facility, Fort Ord, California, Pre-Draft, HLA, 1/8/93)* Hazardous substances storage in Buildings 4852 and 4860. *(Dec. 1988 SPCC Plan)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
4 D-HR/HS/PS/PR(P)/A/L(P)/X(P)/RD (continued)	Section 4 (77, 153) Section 6 (78, 155)		Site No. 15 - DEH Yard: Elevated concentrations of chlordane and cadmium measured in soils; 2 former USTs; flammable materials storage and transformer storage in SW corner; (*Site Characterization, Site 15 - DEH Yard, Fort Ord, California, Draft, HLA, 11/19/92*) Hazardous substances storage in Buildings 4885, 4891, 4912, 4913, 4914 and the DEH Yard. (*Dec. 1988 SPCC Plan*)
	Section 4 (75, 155) Section 6 (75, 156)		Site No. 16 - DOL Maintenance Yard, Pete's Pond (inland storm runoff area): Hazardous substances reportedly disposed at Pete's Pond (and surrounding excavated area, per 1951 aerial photos). Diesel AST and oil/water separator; former UST; maintenance service bays; VOCs, TPH, BTEX detected in soil gas; elevated levels of TPH, VOCs, and metals measured in soil samples; (*Site Characterization Report, Site 16 - DOL Maintenance Yard and Pete's Pond, Fort Ord, California, Preliminary Draft, HLA, 3/19/93*) Area delineated on map expanded based on conversations with HLA (*Interview: HLA, 7/28/93*) Hazardous substances storage in Building 4900 and the DOL Yard. (*Dec. 1988 SPCC Plan*)
	Section 3 (68, 157) Section 4 (70, 153) Section 5 (69,159) Section 6 (71,158)		Site No. 17 - 1400 Block Motor Pool and Suspected Landfill Area: Former AAFES dry cleaner (T-1434); 5 grease racks; 3 former USTs; 1 oil/water separator; suspected landfill that may include incinerated medical waste. Low concentrations of TPH detected in soil gas at landfill and fuel disposal area. (*HLA Briefing Document, 2/93*) Hazardous substances storage in Buildings 1439, 1483W, 1483E, 1489, and 1491 (*Dec. 1988 SPCC Plan*)
	Section 3 (64, 157) Section 5 (66,160)		Site No. 18 - 1600 Block Facility: Motor pool maintenance/support facility, print shop, plastics shop; 3 grease racks; former UST near Bldg. 1685; o/w separators. Low levels of PHCs and metals observed in soil samples; TCE, PCE, nickel, and nitrate concentrations above MCLs in ground water. (*HLA Briefing Document, 2/93*) Hazardous substances storage in Buildings 1641, 1642, 1647, 1654, 1663, 1668, 1672, 1678, 1681, and 1697. (*Dec. 1988 SPCC Plan*)
	Section 3 (59, 161)		Site No. 19 - 2200 Block Facility: Building 2253: former gas station (Diesel UST); Building 2241: photographic lab (drain in vault in Photographic lab); oily substance reported in storm drain E of Building 2251; 3,000 ppb chlordane, 22 ppb of eucalyptus oil, and other unknowns reported in soils; no ground water data were available. (*Site Characterization, Site 19 - 2200 Block Facility, Fort Ord, California, Draft, HLA, 10/27/93*). Hazardous substances storage in Building 2253. (*Dec. 1988 SPCC Plan*)
	Section 5 (69, 161) Section 6 (71, 160)		Site No. 25 - Former DRMO Yard: This area was historically used for hazardous waste storage (waste oils, fuels, solvents); elevated concentrations of TPH, metals, pesticides, and PCBs were reported in soils (*Risk Assessment, Site 25 - Former DRMO, Fort Ord, California, Draft, HLA, 6/18/93*)
	Section 5 (67, 162)		Potential Hazardous Substances Release/Disposal: Metal box with unidentified, potentially hazardous substances was observed in undeveloped hillside. The materials were subsequently removed by Fort Ord Hazardous Waste staff; no information characterizing the materials was available. (*ADL Site Visit, 8/5/93*)
	Section 3 (68, 156) Section 4 (69,156)		Site No. 38 - AAFES Dry Cleaners: Location of 1 former and 2 existing Stoddard Solvent USTs. (Site Characterization, Site 38 - AAFES Dry Cleaners, Fort Ord, California, Draft, HLA, 7/15/92) Hazardous substances storage in Building 1434. (*Dec. 1988 SPCC Plan*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
4 D-HR/HS/PS/PR(P)/A/I(P)/X(P)/RD (continued)	Section 4 (94, 136)		Site No. 21 - 4400/4500 Motor Pool East Block: 6 o/w separators; 1 grease rack; 20 UST locations. (*HLA Briefing Document, 02-93*) Reported gasoline spill; decommissioned fuel facility; PHCs, oil and grease observed in surface soils, and soils from canal discharge area; lead, antimony, chromium concentrations exceeded background levels in soil at canal discharge area; (*Site Characterization Report, Site 21 - 4400/4500 Motor Pool, East Block, Fort Ord, California, Preliminary Draft, HLA, 4/8/93*; Hazardous substances storage in Buildings 4506, 4512S, and 4518. (*Dec. 1988 SPCC Plan*)
	Section 4 (88, 140)		Site No. 22 - 4400/4500 Motor Pool West Block: Low concentrations of high-boiling PHCs observed in vicinity of o/w separators; VOCs also observed at one o/w separator. (*HLA Briefing Document, 2/93*) Hazardous substances storage in Buildings 4527, 4528, 4534, 4536, 4537, 4540, 4541, and 4544. (*Dec. 1988 SPCC Plan*)
	Section 3 (165,45) Section 5 (47,169) Section 9 (114,158)		Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. (*Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93*).
	Section 6 (91, 161)		Potential Hazardous Substances Release/Disposal: Several uncontrolled areas of storage/disposal were observed in the Contractor Row area; potential for release of hazardous substances. Additional investigation of the area was conducted by Fort Ord Environmental and Hazardous Waste staff. (*ADL Site Visit, 8/5/93*) Additional Hazardous Substances Storage in Buildings 2842 (Cleaning compound, developer, fixer, solvent), 3643 (Diethylene triamine, denatured alcohol), and 4441 (Diesel fuel) (*Dec. 1988 SPCC Plan*); and in Buildings T-2069, T-2353, T-2540, T-2373, T-2560, T-2562, T-2842, T-2850, T-3108, T-3123, and T-3127. (*ADL Site Visit, 8/5/93*) Additional Petroleum Storage at Buildings T-2799, T-3016, T-3012A, T-3010A, T-3010, T-3007A, T-3004A, T-3025A, T-3000A, T-3039A, T-3050A, T-3046A, T-3066A, T-3107, S-3215, 4955, 4953, and between T-2999 and T-3019; at Wells 11, 18, 19, 21, 22, and 23; and at Sewage Lift Stations 6130 and 6225. (*Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/93*)
	Section 6 (81, 159) 1 acre		Hazardous Substances Storage in Building 3915 (flammable materials). (*ADL Site Visit, 8/5/93*)
	Section 6 (79, 160)		Chemical Training Area, Drums/2.36" Rockets: Approximate location of area reportedly used for chemical training; the area was formerly used as a horse corral. No direct evidence of contamination was found. Rockets and drum that may have contained chemical agent at one time were observed in the vicinity of Pete's Pond suggesting that area may have been used as a training range. Additional investigations will be conducted in this area to determine the presence or absence of chemical contamination and/or unexploded ordnance and explosive waste. (*Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
4 D-IIR/IIS/PS/PR(P)/A/L(P)/X(P)/RD (continued)		Qualified	ACBM: Friable and/or non-friable asbestos observed in buildings throughout this parcel; see Appendix A for identification of specific buildings. *(Fort Ord Asbestos Survey)* Confirmed lead-based paint in Patton Park; probable lead-based paint in other areas based on estimated date of construction (pre-1978). No lead-based paint survey data were available for buildings in the non-housing areas or for the housing areas that were not scheduled to be excessed. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)*
	Section 3 (165,45) Section 5 (47,169)		Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
	Section 5 (69,162)		Storage Yard Land Mine: Approximate former location of storage yard land mine site with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*
	Section 4 (87,132)		MG (Machine Gun) Square #5: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*
	Section 4 (93,137)		Mortar Square #4: Approximate former location of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*
	Section 4 (96,137)		Sinkhole Practice Mortar Range: Approximate former location of mortar training range with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*
	Section 6 (79,160)		Chemical Training Area, Drums/2.36" Rockets: Approximate location of area reportedly used for chemical training; the area was formerly used as a horse corral. No direct evidence of contamination was found. Rockets and drum that may have contained chemical agent at one time were observed in the vicinity of Pete's Pond suggesting that area may have been used as a training range. Additional investigations will be conducted in this area to determine the presence or absence of chemical contamination or ordnance and explosive waste. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
	Section 6 (100,164)		Imjin Road Practice Mortar Range: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
5 D-HS/PS/HR(P)PR(P)/A/L(P)/RD 8 acres	Section 3 (49, 161)	Disqualified	Site No. 13 - Railroad Right-of-Way: The area delineated as Site 13 was a portion the Railroad Right of Way. The only area at which contamination was observed is along the tracks within Site 12, an area already disqualified for other reasons. Although no further work is recommended at Site 13, this portion of the railroad track area has been disqualified as an area of investigation that has not yet been accepted as a no further action site. Basic railroad operations, including loading and unloading activities, represent a potential for release of hazardous substances or petroleum products or their derivatives. *(Site Characterization Report, Site 13 - Railroad Right of Way, Fort Ord, California, Draft, HLA, 12/10/92).* Hazardous substances storage at Building 2076 (*Dec. 1988 SPCC Plan*); and at Buildings 2037, 2039, 2041, and 2048 (*ADL Site Visit, 8/5/93*). Petroleum Storage: 5 Petroleum UST's. *(Dec. 1988 SPCC Plan)*
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)*
6 D-HS//A/L(P) 2 acres	Section 3 (57, 160)	Disqualified	Hazardous Substances Storage: between Buildings 2193 and 2194 (former NBC storage); between Buildings 2194 and 2195 (former NBC storage); and at Building 2235 (flammable and chlorine storage). (*ADL Site Visit, 8/5/93*) Site No. 28 - Barracks and Main Garrison Area: The initial area delineated for Site 28 is shown on the maps in Figure 5-1; the actual area of concern is much smaller, i.e., the Visual Information Center (Building 2842), the Photo Developing Unit (Building 2850), and the Print Shop (Building 2353); each of these has been indicated on the map and disqualified for hazardous substances storage. Some soil gas and soil contamination (VOCs, HCs, methylene chloride) was observed. Although no further work is recommended at Site 28, the area has been disqualified as an area of investigation that has not yet been accepted as a no further action site. *(Site Characterization Report, Site 28 - Barracks and Main Garrison Area, Fort Ord, California, Draft, HLA, 2/25/93).*
		Qualified	ACBM: Friable and/or non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
7 D-HS/A/L(P) 2 acres	Section 3 (51, 160)	Disqualified	Hazardous substances storage in Building 2084N (drums, portable tanks, flammable materials). (*ADL Site Visit, 8/5/93*)
		Qualified	ACBM: Friable asbestos observed in Building 2084; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
8 D-HS/HR(P)/PR(P)/L(P)/RD 12 acres	Section 3 (49, 157)	Disqualified	Hazardous substances storage in Buildings 2030 (flammable storage), 2031 (flammable materials), 2032 (flammable materials), 2033 (flammable materials), and 2034 (hazard materials). (*ADL Site Visit, 8/5/93*) Site No. 13 - Railroad Right-of-Way: The area delineated as Site 13 was a portion the Railroad Right of Way. The only area at which contamination was observed is along the tracks within Site 12, an area already disqualified for other reasons. Although no further work is recommended at Site 13, this portion of the railroad track area has been disqualified as an area of investigation that has not yet been accepted as a no further action site. Basic railroad operations, including loading and unloading activities, represent a potential for release of hazardous substances or petroleum products or their derivatives. (*Site Characterization Report, Site 13 - Railroad Right of Way, Fort Ord, California, Draft, HLA, 12/10/92*).
		Qualified	Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*) No ACBM was observed in the structures within this parcel.
9 D-HS/PS/A/L(P) 3 acres	Section 3 (50, 148)	Disqualified	Petroleum Storage: 10,000-gallon petroleum UST at Building 1060. (*Dec. 1988 SPCC Plan*) Hazardous substances storage in Building 1040 (flammable storage). (*ADL Site Visit, 8/5/93*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
10 D-HS/A/L(P)/RD 1 acre	Section 3 (53, 154)	Disqualified	Hazardous substances storage between Buildings 1925 and 1945 (flammable storage). (*ADL Site Visit, 8/5/93*)
		Qualified	ACBM: Friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*)
11 D-HS/HR(P)/PR(P)/A/L(P) 5 acres	Section 3 (49, 151)	Disqualified	Hazardous substances storage at Buildings 2022 (poison and flammable materials) and 2024 (poison and flammable materials). (*ADL Site Visit, 8/5/93*) Site No. 13 - Railroad Right-of-Way: The area delineated as Site 13 was a portion the Railroad Right of Way. The only area at which contamination was observed is along the tracks within Site 12, an area already disqualified for other reasons. Although no further work is recommended at Site 13, this portion of the railroad track area has been disqualified as an area of investigation that has not yet been accepted as a no further action site. Basic railroad operations, including loading and unloading activities, represent a potential for release of hazardous substances or petroleum products or their derivatives. (*Site Characterization Report, Site 13 - Railroad Right of Way, Fort Ord, California, Draft, HLA, 12/10/92*).
		Qualified	ACBM: Non-friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
12 D-HS/A/L(P)/RD 1 acre	Section 3 (52, 150)	Disqualified	Hazardous substances storage in Building 1741 (flammable materials). (*ADL Site Visit, 8/5/93*)
		Qualified	ACBM: Friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
13 D-HS/A/L(P)/RD 3 acres	Section 3 (55, 150)	Disqualified	Hazardous Substances Storage: Building 1730 (former NBC; between Buildings 1747 and 1767 (flammable materials). *(ADL Site Visit, 8/5/93)*
		Qualified	ACBM: Friable asbestos observed in buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey)*. Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)*
14 D-HS/A/L(P)/RD 1 acre	Section 3 (57, 153)	Disqualified	Hazardous Substances Storage in Building 1894 (flammable storage). *(ADL Site Visit, 8/5/93)*
		Qualified	ACBM: Non-friable asbestos observed in buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey)* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)*
15 D-HR/X(P) 10 acres	Section 3 (42, 157)	Disqualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93).* Excavated area with some scattered construction debris observed in area off access road to Stilwell Hall. No records documenting disposal in this area were available, and no direct evidence of hazardous substances was observed. *(ADL Site Visit, 8/5/93)*
		Qualified	Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
16 D-HR/PR(P)/X(P) 1 acre	Section 3 (45, 154)	Disqualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93).* Soil contamination measured at beach stormwater outfall; potential release of hazardous substances and/or petroleum. *(Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93)*
		Qualified	Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
17 D-HR/PR(P)/X(P) 1 acre	Section 3 (48, 144)	Disqualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93).* Soil contamination measured at beach stormwater outfall; potential release of hazardous substances and/or petroleum. *(Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93)*
		Qualified	Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
18 Q-X(P) 5 acres	Base-wide map (147, 105)	Qualified	Flame Thrower Range #2: Approximate former location of flame thrower training activities with potential for presence of unexploded ordnance; additional investigations will be conducted in this area (*Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94*) No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
19 D-HR/PS 1 acre	Section 6 (110, 167)	Disqualified	OU-2 - Fort Ord Landfills: Former landfill cells. Ground water contamination plume defined as the 10 ppb TCE plume has been delineated on the map. The disqualified area has been extended to include all locations at which TCE was detected in the ground water monitoring wells. The area between the OU-2 contamination and the ground water contamination from Sites 2 and 12 has also been disqualified due to the potential for contamination. *(Remedial Investigation Report, Final, Dames & Moore, 6/8/93; Interview: D. Eisen, RWQCB, 3/18/94; HLA Correspondence to Harvey D. Jones, U.S. Army Corps of Engineers, Sacramento District, 7/22/93)* Petroleum Storage (300-gallon diesel UST) in Building 5871 (Site No. 26). (*Dec. 1988 SPCC Plan*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
20 D-HR/X(P) 6 acres	Section 3 (45, 138)	Disqualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93)* Open area inside railroad spur with some scattered construction debris, an old engine, and rear axle. No records documenting disposal in this area were available, and no direct evidence of hazardous substances was observed. *(ADL Site Visit, 8/5/93)*
		Qualified	Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
21 D- HR/HS/PR/PS/A/L(P)/X(P)/RD 174 acres	Section 3 (56, 142) Section 4 (63, 139)	Disqualified	Site No. 20 - South Parade Ground, 3800 and 519th Motor Pools: Potential disposal area (confirmed presence of debris), 2 wash racks, former USTs, 3 O/W separators; low levels of TPH in soil; TPH and metals in GW (cadmium and nickel above MCLs); elevated TPH and vinyl chloride in soil gas *(HLA Briefing Document, 2/93)* Site boundaries were extended to include South Parade Ground and area bordered by First St., First Ave., North-South Rd., and Light Fighter Rd. based on observations of buried debris; area was formerly used as runway. Although the stadium was within the boundaries of the disqualified area, there is no evidence that this area should be investigated. *(Interview: HLA, 7/28/93 and 11/5/93;* Site Characterization, Site 20 - South Parade Ground, 3800 and 519th Motor Pools, Fort Ord, California, Pre-Draft, HLA, 3/29/93)
	Section 4 (69, 138)		Site No. 24 - Old DEH Yard: Vacant lot with 1/4-mile track; former nursery and old DEH Yard; Low levels of PCBs and pesticides in soils; aerial photos showed potential scrap yard, small pond surrounded by drums and debris, heavily stained soils, grease rack; no current GW data have been collected in this area. *(HLA Briefing Document, 2/93; Interview: HLA, 7/28/93)* Hazardous substances storage in Buildings 3877 and 3895; 3 former gasoline USTs of unknown size at Bldg. 3803; *(Dec. 1988 SPCC Plan)*. Contamination measured at stormwater outfall; potential release of hazardous substances and/or petroleum. *(Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93)*
		Qualified	ACBM: Friable and/or non-friable asbestos observed in several buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey)* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)*
	Section 4 (72,139)		MG (Machine Gun) Square #3: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
22	Parcel number was not used for the final report.		
23 D-HS/A/L(P) 1 acre	Section 4 (69, 147)	Disqualified	Hazardous Substances Storage in Building 1136. (*ADL Site Visit, 8/5/93*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
24 D-PS/A/L(P) 1 acre	Section 4 (69, 144)	Disqualified	Petroleum Storage: 1,000-gallon petroleum UST at Building 3723. (*Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/93*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
25 D-HS/PR(P)/PS/A/L(P)/RD 32 acres	Section 4 (75, 144)	Disqualified	Site No. 23 - 3700 Motor Pool Complex: 6 former USTs, 1 former grease rack, 3 o/w separators, 3 oil/sand interceptors; 3 hazardous waste sheds. (*HLA Briefing Document, 2/93*) Hazardous substances storage in Buildings 3708, 3710, 3766, and 3767. (*Dec. 1988 SPCC Plan*) Petroleum Storage: 3,000-gallon diesel fuel oil UST at Building 4782. (*Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/93*) Hazardous Substances Storage in and around Building 3700. (*ADL Site Visit, 8/5/93*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
26 D-HS/PS/A/L(P)/RD 3 acres	Section 4 (80, 142)	Disqualified	Petroleum & Hazardous Substances Storage: Petroleum UST's located at Buildings 3702 (2,000-gallon diesel fuel oil), 3703 (3,250-gallon diesel fuel oil), and 4580 (3,500-gallon diesel fuel oil). *(Dec. 1988 SPCC Plan)* Hazardous substances storage in Building 3704. *(ADL Site Visit, 8/5/93)*
		Qualified	ACBM: Friable asbestos observed in buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey)*. Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)*
27 Q-X(P) 20 acres	Section 3 (49, 133)	Qualified	Recoilless Rifle Training Area: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. This area was identified on a 1957 map; no on-site evidence of these activities was observed. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* A vacant lot traversed by an old dirt road was also observed in this area; a 3" pipe protruding from the ground, scattered debris (mostly construction debris) and several mounds that did not appear to be part of the natural landscape were noted. No records documenting disposal in this area were available, and no direct evidence of hazardous substances was observed. *(ADL Site Visit, 8/5/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers.
28 D-HR/HS/PR/PS/A/L(P) 27 acres	Section 4 (64, 132) Section 3 (60, 135)	Disqualified	Site No. 10 - Burn Pit: Fire drill practice burn pit; JP-4, gasoline, diesel, and waste oil (potentially solvent-contaminated) burned. TPH and benzene detected in ground water in early investigations, but not confirmed in follow-up sampling and analysis; TPH, BTEX, and VOCs detected in soil gas samples. Additional investigations under way. *(Data Evaluation and Recommendation Report, Site 10 - Burn Pit, Fort Ord, California, Draft, HLA, 6/9/93)*
	Section 4 (62, 133)		Site No. 11 - AAFES Fueling Station (active): Six 10,000-gallon petroleum USTs, one o/w separator, and one 4,000-gallon waste oil tank; low concentrations of lead and PHCs in soil samples *(Data Evaluation Report, Site 11 - AAFES Fueling Station, Fort Ord, California, Preliminary Draft, HLA, 2/26/93)* Hazardous substances storage in Building 4220. *(Dec. 1988 SPCC Plan)* Contamination measured at stormwater outfall; potential release of hazardous substances and/or petroleum. *(Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
28 D-HR/HS/PR/PS/A/L(P) (continued)		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
29 D-PS/A/L(P) 1 acre	Section 4 (59, 129)	Disqualified Qualified	Petroleum Storage in Building 4260 (2,500-gallon diesel fuel oil UST). (*Dec. 1988 SPCC Plan*) ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
30 D-PS/A/L(P) 2 acres	Section 4 (61, 128)	Disqualified Qualified	Petroleum Storage in Building 4250 (1,200-gallon diesel fuel oil UST) and Building 4251 (1,200-gallon diesel fuel oil UST). (*Dec. 1988 SPCC Plan*) ACBM: Non-friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*) Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
31 D-HS/A/L(P)/RD 1 acre	Section 4 (69, 131)	Disqualified Qualified	Hazardous Substances Storage in Building 4469 (flammable storage). (*ADL Site Visit, 8/5/93*) ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*)
32 D-PS 4 acres	Section 4 (72, 130)	Disqualified	Petroleum Storage: Petroleum UST at water pump house, Building 4395. (*Interview: Harold Field, Facilities, 8/5/93*) No ACBM was observed in structures within this parcel (*Fort Ord Asbestos Survey*); no lead-based paint survey data were available.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
33 D-HS/A/L(P) 2 acres	Section 4 (75, 135)	Disqualified Qualified	Hazardous Substances Storage at Building 4487 (flammable materials). (*ADL Site Visit, 8/5/93*) ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
34 D-HS/A/L(P) 2 acres	Section 4 (75, 132)	Disqualified Qualified	Hazardous Substances storage northeast of Building 4456 (flammable materials). (*ADL Site Visit, 8/5/93*) ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
35 D-PS/A/L(P)/RD 2 acres	Section 4 (80, 135)	Disqualified Qualified	Petroleum Storage at Building 4552 (3,500-gallon diesel fuel oil UST). (*Dec. 1988 SPCC Plan*) ACBM: Friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*)
36 D-HS/PS/A/L(P)/RD 6 acres	Section 4 (81, 129)	Disqualified Qualified	Petroleum Storage at Building 4430 (3,500-gallon diesel fuel oil UST). (*Dec. 1988 SPCC Plan*) Hazardous Substances Storage: Bank of lead batteries used as a source of backup power at PG&E Substation (*Interview: PG&E, R. Stammeron, 8/5/93*); hazardous substances storage in Building 4460. (*ADL Site Visit, 8/5/93*) ACBM: Friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
37 D-HS/PS/A/L(P) 10 acres	Section 4 (77, 127)	Disqualified	Hazardous Substances Storage in Building 4385 (Isopropyl alcohol, ethyl alcohol, formaldehyde). Petroleum Storage at Buildings 4385 (two 10,000-gallon diesel fuel oil USTs), and 4387 (two 3,000-gallon diesel fuel oil USTs). (*Dec. 1988 SPCC Plan*)
		Qualified	ACBM: Friable and/or non-friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
38 D-HS/PS/A/L(P) 6 acres	Section 4 (72, 127)	Disqualified	Hazardous Substances Storage in Building 4399 (radioactive fixer, lead amalgam). (*Interview: Mr. Taylor, 8/4/93*) Petroleum Storage in Building 4399 (1,000-gallon diesel fuel oil UST) and Building 4380 (3,000-gallon diesel fuel UST). (*Dec. 1988 SPCC Plan*; Central Gas and Heating Map, Drawing No. 18-02-27)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
39 D-PS/A(P)/L(P) 1 acre	Section 4 (65, 122)	Disqualified	Petroleum Storage: Former fuel tank (T-3890) located at Building 6763 (size and contents unknown). (*1943, Fort Ord Basemap*)
		Qualified	Probable lead-based paint and ACBM in Marshall Park based on date of construction (1961). No lead-based paint or ACBM survey data were available for the housing areas.
40 D-PS/A/L(P) 2 acres	Section 4 (69, 114)	Disqualified	Petroleum Storage at Building 4362 (4,000-gallon diesel fuel oil UST) and Building 4363 (3,000-gallon diesel fuel oil UST). (*Dec. 1988 SPCC Plan*)
		Qualified	ACBM: Friable and/or non-friable asbestos observed in buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
41 D-PS/A/L(P) 1 acre	Section 4 (59, 122)	Disqualified	Petroleum Storage Building 4280 (1,500-gallon diesel fuel oil UST). (*Dec. 1988 SPCC Plan*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
42 D-HS/A/L(P) 2 acres	Section 3 (54, 162)	Disqualified	Hazardous Substances Storage in Building 2239 (flammable materials). *(ADL Site Visit, 8/5/93)* Site No. 28 - Barracks and Main Garrison Area: The initial area delineated for Site 28 is shown on the maps in Figure 5-1; the actual area of concern is much smaller, i.e., the Visual Information Center (Building 2842), the Photo Developing Unit (Building 2850), and the Print Shop (Building 2353); each of these has been indicated on the map and disqualified for hazardous substances storage. Some soil gas and soil contamination (VOCs, HCs, methylene chloride) was observed. Although no further work is recommended at Site 28, the area has been disqualified as an area of investigation that has not yet been accepted as a no further action site. *(Site Characterization Report, Site 28 - Barracks and Main Garrison Area, Fort Ord, California, Draft, HLA, 2/25/93).*
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
43 D-PS 1 acre	Section 3 (39, 127)	Disqualified	Petroleum Storage: Petroleum UST at water pump house, Bldg. 4395. *(Interview: Harold Field, 8/5/93).* No ACBM was observed in structures within this parcel *(Fort Ord Asbestos Survey)*; no lead-based paint survey data were available.
44 D-HR(P)/PR(P)/X(P) 2 acres	Section 3 (37, 132)	Disqualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93).* Contamination measured at stormwater outfall, potential release of hazardous substances and/or petroleum. *(Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93).*
		Qualified	Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
45 D-HR/A/L(P)/X(P)/RD 608 acres	Section 1 (23, 120), Section 3 (38, 144)	Disqualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93).*
		Qualified	ACBM: Non-friable asbestos observed in several structures within this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for the buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)* Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
46 D-HR/HS/A/L(P) 9 acres	Section 1 (14, 107)	Disqualified	Site No. 1 - Ord Village Sewage Treatment Plant (OVSTP): Reported leak of former on-site aboveground storage tank; small quantities of waste oil, including overflow of o/w separators, discharged to sanitary sewer system for treatment at OVSTP; sheen observed on water surface of chlorine tanks; 40-45 pounds of mercury from trickling filters reportedly buried in place during 1983 demolition; unlined sludge drying beds present potential for release of hazardous substances. *(Work Plan, Remedial Investigation/Feasibility Study, Fort Ord, California, HLA, Final 12/12/91)*
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
47 D-HS/PS 1 acre	Section 1 (21, 108)	Disqualified	Petroleum Storage: Gas station (Bldg. 7851) still in operation; USTs and hazardous substances storage. *(Located on Base Section Maps, January 1984, USACE)*
48 D-HR(P)/A/L(P) 1 acre	Section 3 (56, 158)	Disqualified	Potential Hazardous Substances Disposal/Release: Partially exposed buried drums with unknown contents observed between Buildings 2112 and 2132. The drums may have been placed at this location as part of a retaining wall but the history of the prior use of the drums is uncertain. According to Fort Ord ENRD staff, the drums appear to be the same as those used at Fort Ord for traffic control. *(ADL Site Visit, 8/5/93)*
		Qualified	ACBM: Friable and/or non-friable asbestos observed in several buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey)* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
49 D-HR/HS/PR/PS 2 acres	Section 1 (22, 94)	Disqualified	Site No. 37 - Trailer Park Maintenance Shop: Former waste oil drum storage (hazardous substance); former 200-gallon AST; stained area, unidentified TPH and VOC in soil. (*Site Characterization Report, Site 37 - Trailer Park Maintenance Shop, Fort Ord, California, Draft, HLA, 11/20/92*). Contamination measured at stormwater outfall. (*Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93*).
50 D-PS 1 acre	Section 6 (106, 184)	Disqualified	Petroleum Storage: Petroleum UST located at supply well. (*Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/91*)
51 D-HS/PS/A/L(P) 4 acres	Section 1 (41, 108)	Disqualified	Hazardous Substances Storage: Hazardous substances storage in Bldg. 4100 (Primer, carburetor cleaner, hydraulic fluid, paint, engine cleaner, gear oil, lube oil, grease, diesel fuel, kerosene, 2-cycle oil, cleaning compound, Mogas, and waste oil). (*Dec. 1988 SPCC Plan*) Petroleum Storage at Bldg. 4107 - Golf Cart Fueling Area (750-gallon gasoline UST). (*Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/91*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
52 D-HR/HS/PS/A/L(P) 6 acres	Section 1 (44, 111)	Disqualified	Site No. 33 - Golf Course: Two pesticide mixing pits and UST (500-gallon gasoline UST) at Golf course Building 4110. (*HLA Briefing Document, 2/93; Work Plan, Subsurface Investigation Buildings 4107, 4110, 4590 and Facility 2754, Fort Ord, California, Draft, HLA, 4/14/93*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
53 D-PS/A/L(P) 1 acre	Section 2 (71, 110)	Disqualified	Petroleum Storage: Bldg. 4373 (50-gallon gasoline UST). (*Dec. 1988 SPCC Plan*).
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
54 D-HS 20 acres	Section 2 (83, 98)	Disqualified	Hazardous Substances Storage: Hazardous substances storage (lithium) in area of Range 44/45. (*Interview: Ft. Ord Fire Chief, 8/3/93*).

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
55 D-PS 4 acres	Section 9 (110, 146)	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack associated with training areas. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map. (Interview: Roy Durham, Range Control, 7/30/93)
56 D-HR/HS/PR/PS/A/L(P)/RD 616 acres	Section 6 (117, 179) Section 7 (125, 187) Section 9 (127, 176)	Disqualified	Site No. 34 - FAAF Fueling Facility (active): Wash rack 516, and 4 wash aprons (512, 517, 525, 534) with associated O/W separators; former remediation at Bldg. 511 UST (same site as wash rack 516); temporary HW storage area; elevated levels of TPH measured in soil from former UST/wash rack 516 area; (*Site Characterization Report, Part I, Site 34 - FAAF Fueling Facility, Fort Ord, California, Draft, HLA, 6/2/92*) Hazardous substances storage in Buildings 524, 533, 535, and 701. (*Dec. 1988 SPCC Plan*)
	Section 7 (133, 194)		Site No. 36 - FAAF Sewage Treatment Plant (inactive): Inhoff tank, 2 evaporation beds, 2 sludge beds; wastewater and sanitary sewage; O/W separators. Potential release of TPH, VOCs, metals; fecal coliform contamination; soil data exhibited beryllium concentrations above background. (*Draft Basewide Storm Drain and Sanitary Sewer Investigation, RI/FS, Fort Ord, California, Draft, HLA, 7/6/92*)
	Section 7 (117, 195)		Site No. 40 - FAAF Defueling Areas: Aircraft defueling near FAAF helicopter landing strip. Area expanded to include entire airfield based on conversations with HLA; area is currently under investigation. (*Interview: HLA, 7/28/93*) Contamination measured at stormwater outfall; potential release of hazardous substances and/or petroleum. (*Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93*)
		Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. (*Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
57 D-HR/PR/PS 40 acres	Section 7 (106, 190)	Disqualified	Site No. 35 - FAAF Aircraft Cannibalization Yard: Location of area of storage of scrap aircraft; one sample showed mercury concentrations above background levels in soil. (*Aircraft Cannibalization Yard Report, HLA, 6/25/93*) Site No. OU-1 - FAAF Fire Drill Area: Soil and ground water contamination observed in the area of former burn pits in the Fire Drill Area. Remediation of ground water and soil at the site is currently under way. The extent of the soil contamination and ground water contamination presented within this parcel is based on data from the quarterly monitoring available in December 1992. (*Record of Decision, Remedial Action Selection, FAAF, Fort Ord, California, Draft, 4/25/89; Ground water and Soil Treatment System Report of Quarterly Monitoring (September-November 1992) and Yearly Evaluation, December 1991 through November 1992, FAAF, Fort Ord, California, HLA, 1-5-93*) Site No. 34 - FAAF Fueling Facility (active): Wash rack 516, and 4 wash aprons (512, 517, 525, 534) with associated O/W separators; former remediation at Bldg. 511 UST (same site as wash rack 516); temporary HW storage area; elevated levels of TPH measured in soil from former UST/wash rack 516 area; (*Site Characterization Report, Part I, Site 34 - FAAF Fueling Facility, Fort Ord, California, Draft, HLA, 6/2/92*) Hazardous substances storage in Buildings 524, 533, 535, and 701. (*Dec. 1988 SPCC Plan*) Petroleum Storage: Backup fuel storage at this location. (*Interview: Harold Field, Facilities, 8/5/93*)
58 D-HR(P)/HS/PR(P)/PS/A/L(P) 16 acres	Section 9 (119, 174)	Disqualified	Site No. 27 - Army Reserve Motor Pool: Motor pool includes: 1 wash rack, 1 o/w separator, 1 hazardous waste storage area, and UST (waste oil). (*Site Characterization, Site 27 - Army Reserve Motor Pool, Fort Ord, California, Draft, HLA, 7/24/92*) Contamination measured at stormwater outfall; potential release of hazardous substances and/or petroleum. (*Basewide Surface Water Outfall Investigation, Draft, HLA, 4/5/93* Qualified ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
59 D-PS 2 acres	Section 9 (130, 161)	Disqualified	Petroleum Storage: Backup fuel storage, petroleum UST, at water pump house. (*Interview: Harold Field, Facilities, 8/5/93*)
60 D-PS 4 acres	Section 9 (132, 158)	Disqualified	Petroleum Storage: Approximate location of former backup fuel storage for gas-powered generator shacks associated with training areas. Location has not been surveyed and has been approximated based on interview and review of training area map. Fuel storage location was assumed to be in center of former training area. (*Interview: Harold Field, Facilities, 8/5/93*)
61 D-PS 1 acre	Section 9 (135, 159)	Disqualified	Petroleum Storage: Backup fuel storage (1,000-gallon petroleum UST) at water pump house. (*Interview: Harold Field, Facilities, 8/5/93*)
62 D-PS 1 acre	Section 7 (144, 182)	Disqualified	Petroleum Storage: Fuel storage (size unknown). (*Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/93*).

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
63 D-PS 1 acre	Section 9 (141, 168)	Disqualified	Petroleum Storage: Backup fuel storage (1,000-gallon petroleum UST) at water pump house. (*Interview: Harold Field, Facilities, 8/5/93*)
64 D-PS 1 acre	Section 9 (147, 160)	Disqualified	Petroleum Storage: Backup fuel storage (1,000-gallon petroleum UST) at water pump house. (*Interview: Harold Field, Facilities, 8/5/93*)
65 D-PS 4 acres	Section 8 (150, 142)	Disqualified	Petroleum Storage: Two USTs (petroleum) associated with training areas in the East Garrison. (*Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/93).*
66 Q-X(P) 5 acres	Base-wide map (127, 111)	Qualified	Mine and Booby Trap Area #5: Approximate former location of storage yard land mine site with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. (*Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94*) No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
67 D-HR/HS/PR/PS/A/L(P)/RD 165 acres	Section 8 (170, 143)	Disqualified	Site No. 29 - DRMO: PCB-transformer storage in area of Bldg. 110 and 111; PCB-transformers may have been drained in unpaved area adjacent to the DRMO HW storage area; DRMO hazardous substances storage area in northwest area of the site; oil & grease and TPH contamination observed in soil. (*Site Characterization, Site 29 - Defense Reutilization and Marketing Office, Fort Ord, California, Draft, HLA, 12/4/92, HLA*) Hazardous substances storage in Buildings 91, 109, 111 and the DRMO Yard. (*Dec. 1988 SPCC Plan*)
	Section 8 (162, 146)		Site No. 30 - Driver Training Area: Location of former gas station with grease and wash racks; visible areas of ground staining; thallium and chloride concentrations measured in ground water above MCLs. (*Site Characterization Report, Site 30 - Driver Training Area, Fort Ord, California, Preliminary Draft,HLA, 2/11/93*) Area of concern expanded to include potential releases from wash racks based on conversation with HLA. (*Interview: HLA, 7/28/93*)
	Section 8 (160, 148)		Site No. 32 - East Garrison Sewage Treatment Plant: Doton tanks, 2 sludge drying beds, one percolation pond. (*Site Characterization Report, Data Evaluation and Recommendation Report, Site 32 - East Garrison Sewage Treatment Plant, Fort Ord, California, Preliminary Draft HLA, 3/25/93*) Follow-up conversations with Fort Ord staff indicated that the potential for introduction of hazardous substances from the DRMO yard into the East Garrison STP (e.g., waste oils, materials from DRMO) exists or may have been existed in the past. (*Interview: Harold Field, Facilities, 7/28/93*) Potential Soil Contamination: Potential metals contamination associated with training ranges and skeet range fans. This area is expected to have residual metals and potential lead contamination, similar to that found at the beach ranges. The site will be investigated under the basewide RI/FS program. (*Interview: HLA, 7/28/93 and 11/5/93*)

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
67 D-HR/HS/PR/PS/A/L(P)/RD (continued)		Qualified	ACBM: Friable and/or non-friable asbestos observed in several buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey)* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)*
68 D-PS/A/L(P) 1 acre	Section 8 (167, 141)	Disqualified Qualified	Petroleum Storage: Petroleum UST at building 128. *(Underground Storage Tank Management Plan, Fort Ord Complex, Monterey County, California, Final, HLA, 10/30/93).* ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
69 D-HR/PR 21 acres	Section 8 (170, 135)	Disqualified	Site No. 31 - Former Dump Site: Eastern part of East Garrison in canyon near intersection of Watkins Gate and Barloy Canyon Roads. Visible debris observed; soil contamination detected (metals, TPH, diesel, 1,2,3-trichlorobenzene, propanoic acid). *(Site Characterization Report, Site 31 - Former Dump Site, Fort Ord, California, Draft, HLA, 10/27/92)* Area delineated on map expanded based on conversations with HLA *(Interview: HLA, 1/15/93)*
70 D-HR(P)/X(P) 9 acres	Section 8 (177, 129) Basewide map (178, 125)	Disqualified Qualified	Site No. 41 - Crescent Bluff Fire Drill Area: New area of investigation *(Interview: HLA and Fort Ord ENRD, 10/13/93; Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Interview: HLA (S. Farley), 3/24/94)* Crescent Bluff Field Expedient Area: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste. Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*
71 D-PS 1 acre	Section 8 (155, 155)	Disqualified	Petroleum storage: Backup fuel storage (1,000-gallon petroleum UST) at water pump house. (Gas & *Heating Map, Drawing No. 18-02-27 Section 8)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
72 Q-RD 39 acres	Section 8 (163, 121), Base-wide map (165, 118)	Qualified	East Garrison Ammunition Supply Point (ASP): This ASP has been in use since 1991 and there are no records of storage of chemical agents at the ASP. Munitions stored at the ASP are limited to conventional munitions with all chemical materials (white phosphorus, red phosphorus, CS, etc.) contained within the munitions; there is no bulk storage of these chemicals or chemical agents at the East Garrison ASP. *(Interview: Dave Thompson, Fort Ord Safety Office, 11/4/93)* Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
73 D-PS 1 acre	Section 9 (122, 161)	Disqualified	Petroleum Storage: Aboveground tank (diesel) located at sewage lift station within Schoonover Park on Schoonover Drive, between Coombs Ct. and Wasselman Ct. (Interview: Harold Field, Facilities, 8/5/93; ADL site visit, 7/30/93)
74 Q-X(P) 9 acres	Base-wide map (133,111)	Qualified	MG (Machine Gun) Square #6: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
75 Q-X(P) 25 acres	Section 8 (152,162) Section 9 (151,165)	Qualified	Fritsche 3.5" Rocket Site: Approximate location of area with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
76 D-PS 4 acres	Base-wide map (173, 109) Training Area H	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack associated with training areas. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map. *(Interview: Roy Durham, Range Control, 7/30/93)*
77 D-PS 4 acres	Base-wide map (181, 87) Training Area H	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack associated with training areas. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map. *(Interview: Roy Durham, Range Control, 7/30/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
78 D-PS/X(P) 20 acres	Base-wide map (203, 79) Training Area H	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack associated with training areas. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map. *(Interview: Roy Durham, Range Control, 7/30/93)*
		Qualified	Anti-Tank (AT) Practice Mine Area: Approximate location of reported former anti-tank mine training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
79 D-PS 4 acres	Base-wide map (194, 74) Training Area H	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack at Jack's Well site. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map; site was also observed and mapped during helicopter survey. *(Interview: Roy Durham, Range Control, 7/30/93; helicopter survey of Fort Ord, 8/2/93)*
80 D-PS/X(P) 4 acres	Base-wide map (162, 95) Training Area N	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack associated with training areas. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map. *(Interview: Roy Durham, Range Control, 7/30/93)*
		Qualified	This parcel lies within the Picnic Canyon Training Area, which has been identified as a former training area with potential for presence of unexploded ordnance and explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
81 D-PS 4 acres	Base-wide map (171, 79) Training Area N	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack associated with training areas. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map. *(Interview: Roy Durham, Range Control, 7/30/93)*
82 D-PS 4 acres	Base-wide map (209, 94) Training Area O	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator shack associated with training areas. Location has not been surveyed and has been approximated based on interview with Range Control staff and review of training area map. *(Interview: Roy Durham, Range Control, 7/30/93)*
83 D-PS 4 acres	Base-wide map (176, 88) Training Area H/N	Disqualified	Petroleum Storage: Approximate location of backup fuel storage at well associated with training areas. Location has not been surveyed and has been approximated based on interview and review of training area map. *(Interview: Harold Field, Facilities, 8/5/93)*
84 D-HS/PR(P)/PS/X(P) 16 acres	Base-wide map (111, 90) Training Area M, Range Control	Disqualified	Hazardous Substances Storage: Storage of flammable materials at Range 39, Range Control. (Site Characterization Report, Draft, 11-18-92, HLA. Interview: Roy Durham, Range Control, 7/30/93) Pump Station for former crude oil pipeline that traverses Fort Ord property was also located in the area of current Range Control. *(Interview: Fort Ord Fire Department, 8/5/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
84 D-HS/PR(P)/PS/X(P) (continued)		Qualified	Inland Ranges: This parcel is within the training range areas, which have been identified to have the potential for presence of unexploded ordnance and/or exploded ordnance waste; additional investigations will be conducted in this general area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
85 D-HR(P)/X(P) 6 acres	Base-wide map (117, 86) Training Area M, Range 39	Disqualified	Hazardous Substances Release: Potential chemical contamination associated with exploded ordnance; site investigation is currently under way as part of Inland Ranges (Site 39) investigation. *(Site Characterization, Site 6 - Range 39, Abandoned Car Dump, Fort Ord, California, Draft, 11/18/92, HLA)*
		Qualified	Inland Ranges: This parcel is within the training range areas, which have been identified to have the potential for presence of unexploded ordnance and/or exploded ordnance waste; additional investigations will be conducted in this general area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
86 D-HR(P)/X(P) 4 acres	Base-wide map (110, 87) Training Area M, Range 40A	Disqualified	Hazardous Substances Release: Potential chemical contamination associated with flame fueled expediency (FFE) training activities; site investigation is currently under way. *(Site Characterization, Site 9 - Range 40A, FFE Training Area, Fort Ord, California, Draft, 11/5/92, HLA)*
		Qualified	Inland Ranges: This parcel is within the training range areas, which have been identified to have the potential for presence of unexploded ordnance and/or exploded ordnance waste; additional investigations will be conducted in this general area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
87 D-HR(P)/X(P) 16 acres	Base-wide map (133, 74) Training Area M, Range 36A	Disqualified	Hazardous Substances Release: Potential chemical contamination associated with explosive ordnance demolition (EOD); site investigation is currently under way. *(Data Evaluation and Recommendation Report, Site 5 - Range 36A (EOD Range), Fort Ord, California, 1/14/93, HLA)*
		Qualified	Inland Ranges: This parcel is within the training range areas, which have been identified to have the potential for presence of unexploded ordnance and/or exploded ordnance waste; additional investigations will be conducted in this general area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
88 D-HR(P)/X(P) 20 acres	Base-wide map (103, 111) Training Area J, Range 49	Disqualified	Hazardous Substances Release: Potential chemical contamination associated with exploded ordnance; site investigation is currently under way. *(HLA Briefing Document, 2/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
88 D-HR(P)/X(P) (continued)		Qualified	Range 49, Old Demolition Range: Approximate location of mine, anti-armor, and Molotov Cocktail training activities with potential for presence of unexploded ordnance and/or explosive waste. Area was also reportedly used as munitions demolition area. Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
89 D-HR(P)/X(P) 9 acres	Base-wide map (127, 104) Training Area K, Range 50	Disqualified	Hazardous Substances Release: Potential chemical contamination associated with exploded ordnance; site investigation at Range 50 is currently under way. *(Personal Communication: Linda Temple, Fort Ord ENRD, 9/23/93)*
		Qualified	Range 50: Approximate location of training activities with potential for presence of unexploded ordnance and/or explosive waste. Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*
90 Q-X(P) 4 acres	Base-wide map (160, 117)	Qualified	Firing Point #3: Approximate location of former training activities with potential for presence of unexploded ordnance; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers.
91 D-PS 4 acres	Base-wide map (209, 84) Training Area O	Disqualified	Petroleum Storage: Approximate location of backup fuel storage for former gas-powered generator at Boy Scout Camp. Location has not been surveyed and has been approximated based on observations during helicopter survey and review of training map. *(Helicopter survey during ADL site visit, 8/2/93)*
92 D-HR(P) 12 acres	Section 2 (62, 99)	Disqualified	Area of uncontrolled dumping: Cleared area with debris was observed at this location during the helicopter survey; an individual and several drums were also observed. Location was identified as "Concurrent Training Area, Range 48". Subsequent investigation by ENRD staff indicated that potentially hazardous substances may have been disposed in a small area at the southwest corner of the cleared area and a spill had been cleaned in that area; results of the chemical analyses were not yet available. The entire site should be evaluated to determine the potential for hazardous substances. *(Helicopter survey during ADL site visit, 8/2/93; Interview: Linda Temple, Army COE/Fort Ord ENRD, 11/8/93)*
93 D-HS(P)/PS 9 acres	Base-wide map (139, 89) Training Area M	Disqualified	Military Operations Urban Training (MOUT) site: Storage of petroleum and other hazardous substances at training site; several barrels observed onsite during helicopter survey. *(Interview: Roy Durham, Range Control, 7-30-93; Helicopter survey during ADL site visit, 8/2/93)*
		Qualified	Inland Range Impact Area: This parcel is within the main impact area for the inland ranges and several additional training areas with known or potential presence of unexploded ordnance and/or explosive waste; additional investigations throughout this area will be conducted. A listing of ordnance found or known to have been used in these areas is included in the Archive Search report. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
94 D-PR/PS/X(P) 12 acres	Base-wide map (167, 101) Training Area N	Disqualified	Helicopter crash site: Site of helicopter crash at Mud Hen Lake and release of JP-4 fuel (approximately 60 gallons) into dry lake bed. *(Helicopter survey during ADL site visit, 8/2/93)* Former crude oil pipeline that traverses Fort Ord property also crosses through this parcel. Location of pipeline was approximated from 1904 Title document showing easement.
		Qualified	Artillery Position #1: Approximate location of former artillery training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)*
95 D-PR(P)/X(P) 4 acres	Base-wide map (74, 70) Training Area II	Disqualified	Airplane crash: Approximate location of airplane crash wreckage observed during helicopter survey; potential for release of fuel as a result of crash. *(Helicopter survey during ADL site visit, 8/2/93)*
		Qualified	Inland Range Impact Area: This parcel is within the main impact area for the inland ranges and several additional training areas with known or potential presence of unexploded ordnance and/or explosive waste; additional investigations throughout this area will be conducted. A listing of ordnance found or known to have been used in these areas is included in the Archive Search report. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
96 D-PR(P)/PS/X(P) 225 acres	Base-wide map (95, 82) Training Areas M, K, L, and H >300 acres	Disqualified	Abandoned Crude Oil Pipeline: Approximate location of abandoned crude oil pipeline that traverses Fort Ord. Location of pipeline was approximated from 1904 Title documents showing easement.
		Qualified	Inland Range Impact Area: This parcel is within the main impact area for the inland ranges with known or potential presence of unexploded ordnance and/or explosive waste; additional investigations throughout this area will be conducted. A listing of ordnance found or known to have been used in these areas is included in the Archive Search report. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
97 D-PR(P)/PS 28 acres	Base-wide map (205, 104) Training Area O	Disqualified	Abandoned Crude Oil Pipeline: Approximate location of abandoned crude oil pipeline that traverses Fort Ord. Location of pipeline was approximated from 1904 Title documents showing easement.
98 Q-X(P) 9 acres	Base-wide map (107, 111)	Qualified	Parker Flats Practice Mortar Range: Approximate former location of mortar range training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
99 Q-X(P) 17 acres	Section 4 (87,150) Section 6 (88, 152)	Qualified	Machine Gun Proficiency Training Area: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The areas adjacent to this parcel include Site 22 and the area disqualified for the OU-2 ground water contamination, both are within Parcel 4. The ground water contamination plume was delineated to include all areas with observed contamination and Parcel 99 was not impacted. Soil contamination was reported at the northern portion of Site 22, immediately adjacent to Parcel 99; however, since there was no direct evidence of contamination outside of the defined site, this area was not disqualified. No impact is expected from the adjacent CERFA parcel.
100 Q-A/L(P)/RD 112 acres	Section 3 (55, 155)	Qualified	ACBM: Friable and/or non-friable asbestos observed in buildings within this parcel; see Appendix A. *(Fort Ord Asbestos Survey)*. Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
101 Q-X(P) 50 acres	Section 8 (177, 129) Basewide map (179, 126)	Qualified	Crescent Bluff Field Expedient Area: Approximate location of former training activities,with potential for presence of unexploded ordnance and/or explosive waste. Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives in the area defined as this parcel. A smaller area inside of this parcel has been defined as a disqualified parcel but the impact of that area is not expected to extend beyond the delineated boundary. Based on the review of available information, this parcel is not expected to be threatened by activities on other onsite or offsite adjacent or surrounding properties.
102 D-HS(P) 7 acres	Section 4 (72,141)	Disqualified	Plant Nursery: The available records did not indicate storage of hazardous substances at the nursery; the property was also inspected during the Arthur D. Little site visit on 8/4/93 and no hazardous substance storage was observed. However, since the nature of typical plant nursery activities suggests that hazardous substances may have been stored at the nursery at some time in the past, this parcel has been disqualified.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
103 D-HR(P)/A/L(P)/X(P) 4 acres	Section 3 (40, 161)	Disqualified Qualified	Site No. 3 - Beach Trainfire Area: Extensive metals contamination on beach as a result of training activities. *(Work Plan , Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93).* Site No. 3 - Beach Trainfire Area: Area of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Work Plan, Site 3 - Beach Trainfire Ranges, Fort Ord, California, Draft Final, HLA, 6/28/93; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* ACBM: Non-friable asbestos observed in Building 2075, Stilwell Hall, within this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings.
104	Parcel number was not used for the final report.		
105 Q-A/L(P) 4 acres	Section 3 (53, 133)	Qualified	ACBM: Non-friable asbestos observed in Building 4240 in this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers.
106 Q-A/L(P) 8 acres	Section 3 (58, 134)	Qualified	ACBM: Non-friable asbestos observed in Building 4235 in this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except for one are either CERFA parcels or CERFA parcels with qualifiers. The one disqualified parcel was categorized as such because of storage or release of hazardous substances or petroleum in specific localized areas; no impact on adjacent parcels is likely.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
107 Q-A/L(P) 4 acres	Section 3 (58, 131) Section 4 (59, 130)	Qualified	ACBM: Non-friable asbestos observed in Buildings 4242 and 4260 in this parcel; see Appendix A. *(Fort Ord Asbestos Survey).* Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except for one are either CERFA parcels or CERFA parcels with qualifiers. The one disqualified parcel was categorized as such because of storage of petroleum in a specific location; no impact on adjacent parcels is likely.
108-110	Parcel numbers were not used for the final report.		
111 P 4 acres	Section 4 (69,143)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the Main Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
112	Parcel number was not used for the final report.		

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
113 Q-A/L(P)/RD 24 acres	Section 4 (70, 144)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
114 Q-A/L(P)/R/RD 131 acres	Section 4 (83, 147)	Qualified	ACBM: Friable and/or non-friable asbestos observed in several buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. Radon: Radon detected above 4.0 pCi/l in Buildings 4446, 4562, and 4792. *(Fort Ord Radon Survey, 1989/1990)* Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
115 Q-A/L(P) 1 acre	Section 4 (60, 124)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers.
116 Q-A/L(P) 3 acres	Section 4 (65, 118)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
117 Q-A/L(P) 9 acres	Section 4 (69, 116)	Qualified	ACBM: Non-friable asbestos observed in buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except for two are CERFA parcels. The two disqualified parcels were categorized as such because of storage of petroleum in specific locations; no impact on adjacent parcels is likely.
118	Parcel number was not used for the final report.		

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
119 Q-A/L(P) 1 acre	Section 4 (74, 128)	Qualified	ACBM: Non-friable asbestos observed in buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcel are clearly defined from site investigations or onsite observations and the parcel was disqualified either because of storage of hazardous substances or petroleum products in specific locations; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
120 Q-A/L(P) 1 acre	Section 8 (165, 144)	Qualified	ACBM: Friable and non-friable asbestos observed in buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified either because of storage of hazardous substances or petroleum products in specific locations or localized releases that are not expected to impact this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties.
121 Q-A/L(P) 1 acre	Section 8 (169, 147)	Qualified	ACBM: Friable asbestos observed in buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
122 Q-A/L(P) 1 acre	Section 8 (175, 142)	Qualified	ACBM: Non-friable asbestos observed in buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.
123 Q-A/L(P) 1 acre	Section 8 (171, 140)	Qualified	ACBM: Non-friable asbestos observed in buildings within this parcel; see Appendix A. (Fort Ord Asbestos Survey). Probable lead-based paint based on estimated date of construction of barracks-style buildings(pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.
124 Q-A(P)/L/R 1 acre	Section 1 (19, 103)	Qualified	Radon: Radon detected above 4.0 pCi/l in Bldg. 7971; location will be resampled to confirm. (*Fort Ord Radon Survey, 1989/1990*) Confirmed lead-based paint and probable ACBM in Hayes Park based on date of construction (1952). *(Interview: M. Reese, 3/16/94)* No ACBM survey data were available for the housing areas. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels with qualifiers.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
125 Q-A(P)/L/R 2 acres	Section 1 (22, 103)	Qualified	Radon: Radon detected above 4.0 pCi/l in Bldg. 8000; location will be resampled to confirm. (*Fort Ord Radon Survey, 1989/1990*) Confirmed lead-based paint and probable ACBM in Hayes Park based on date of construction (1952). *(Interview: M. Reese, 3/16/94)* No ACBM survey data were available for the housing areas. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels with qualifiers.
126 Q-A(P)/L/R 1 acre	Section 1 (26, 103)	Qualified	Radon: Radon detected above 4.0 pCi/l in Bldg. 8063; location will be resampled to confirm. (*Fort Ord Radon Survey, 1989/1990*) Confirmed lead-based paint and probable ACBM in Hayes Park based on date of construction (1952). *(Interview: M. Reese, 3/16/94)* No ACBM survey data were available for the housing areas. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels with qualifiers.
127 Q-R 1 acre	Section 9 (124, 161)	Qualified	Radon: Radon detected above 4.0 pCi/l in Building 5640; location will be resampled to confirm. (*Fort Ord Radon Survey, 1989/1990*). No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
128 Q-A(P)/L 28 acres	Section 5 (74, 181), Section 6 (79, 179)	Qualified	Confirmed lead-based paint and probable ACBM in Patton Park based on date of construction (1962, 1966, 1969). *(Interview: M. Reese, 3/16/94)* No ACBM survey data were available for the housing areas. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is adjacent to areas identified as potential UXO parcels. Although the boundaries of the potential UXO areas were delineated to include all potential areas of concern, the parcels have not been surveyed and additional field investigation is currently underway. This parcel is also in the vicinity of observed ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. Based on the review of currently available information, this parcel is not threatened by adjacent offsite properties and no impact is expected from the adjacent CERFA parcel.
129	Parcel number was not used for the final report.		

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
130 Q-A(P)/L 156 acres	Section 1 (26, 106)	Qualified	Confirmed lead-based paint and probable ACBM in Hayes Park based on date of construction (1952 and 1959). *(Interview: M. Reese, 3/16/94)* No ACBM survey data were available for the housing areas. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers and not expected to impact this parcel.
131	Parcel number was not used for the final report.		
132 Q-A(P)/L(P)/X(P) 112 acres	Section 4 (67, 125)	Qualified	Probable lead-based paint and ACBM in Marshall Park based on date of construction (1961). No lead-based paint or ACBM survey data were available for the housing areas. MG (Machine Gun) Square #7: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* Mine and Booby Trap Area #6: Approximate former location of storage yard land mine site with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Adjacent CERFA disqualified parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations which is not expected to impact the adjacent property. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties CERFA disqualified parcels, CERFA parcels or CERFA parcels with asbestos or lead-based paint qualifiers. Two areas identified as potential UXO parcels are located within the outer perimeter of this parcel. The boundaries of the potential UXO areas were delineated to include all potential areas of concern; however, the parcels have not been surveyed and additional field investigation is currently underway.
133 Q-A(P)/L(P) 31 acres	Section 9 (117, 156)	Qualified	Potential for ACBM and lead-based paint in Fredericks Park area 1W based on date of construction (1981). No lead-based paint or ACBM survey data were available for the housing areas. Note: Part of the Fredericks Park housing area is located within disqualified Parcel 4. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is in the vicinity of the observed OU-2 ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. Based on the review of currently available information, this parcel is not threatened by adjacent parcels.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
134 Q-A(P)/L 494 acres	Section 1 (40, 121) Section 2 (59, 109) Section 4 (58, 125) Section 4 (55, 119) Section 3 (50, 126)	Qualified	Probable lead-based paint and ACBM in Stilwell Park, Fitch Park, and Garrison Commander's units based on dates of construction: Stilwell Park (1953, 1958 and 1959), Fitch Park (1959 and 1961), and Garrison Commander's units (1978). Lead-based paint was confirmed in Stilwell Park Areas F and 4G; no lead-based paint survey data were available for the other housing areas. No ACBM survey data were available for the housing areas. *(Interview: M. Reese, 3/16/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is adjacent to areas identified as potential UXO parcels. Although the boundaries of the potential UXO areas were delineated to include all potential areas of concern, the parcels have not been surveyed and additional field investigation is currently underway. Based on the review of currently available information, this parcel is not expected to be threatened by these adjacent properties; no impact is expected from the other adjacent CERFA parcels or CERFA parcels with qualifiers.
135 Q-A(P) 57 acres	Section 1 (26, 96)	Qualified	Potential for ACBM based on date of construction of Brostrom Park (1985). No lead-based paint or ACBM survey data were available for the housing areas. Note: the land is owned by Fort Ord but the structures are owned by a third party, built on leased land. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except for one are either CERFA parcels or CERFA parcels with qualifiers. The one disqualified parcel was categorized as such because of storage and release of hazardous substances or petroleum in specific localized areas; no impact on adjacent parcels is likely. This parcel is also adjacent to properties to the south of Fort Ord but no impact from the offsite properties is expected.
136 Q-A(P) 3 acres	Section 2 (51, 100)	Qualified	Potential for ACBM in Area 1X of Fitch Park (Sr. Officers Quarters) based on date of construction of the Buildings (1982). No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers.
137-141	Parcel numbers were not used for the final report.		

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
142 Q-A(P) 34 acres	Section 6 (102, 175)	Qualified	Probable ACBM in this Abrams Park housing area based on date of construction (1980); no ACBM survey data were available for the housing areas. No lead-based paint was observed in the Abrams Park IN housing area. *(Interview: M. Reese, 3/16/94)* Note: Part of the Abrams Park housing area is located within disqualified Parcel 4. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is in the vicinity of the observed OU-2 ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. This parcel is also adjacent to a parcel disqualified for petroleum storage in a specific location; no impact from the storage is expected. Based on the review of currently available information, this parcel is not threatened by adjacent offsite properties or the adjacent CERFA parcel.
143	Parcel number was not used for the final report.		
144 Q-A(P) 14 acres	Section 9 (118, 162)	Qualified	Probable ACBM in these Abrams Park housing areas based on dates of construction (1978, 1980, 1982); no ACBM survey data were available for the housing areas. No lead-based paint was observed in the Abrams Park IN housing area. *(Interview: M. Reese, 3/16/94)* Note: Part of the Abrams Park housing area is located within disqualified Parcel 4. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is in the vicinity of the observed OU-2 ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. Based on the review of currently available information, this parcel is not threatened by adjacent parcels.
145 Q-A/L(P) 4 acres	Section 8 (170, 146)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction of old barracks-style buildings (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
146 Q-A/L(P) 1 acre	Section 8 (171, 145)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction of old barracks-style buildings (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.
147 Q-L(P) 2 acres	Section 8 (173, 145)	Qualified	Probable lead-based paint based on estimated date of construction of old barracks-style buildings (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.
148 Q-A/L(P) 2 acres	Section 8 (173, 143)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction of old barracks-style buildings (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
149 Q-A/L(P)/RD 11 acres	Section 8 (167, 142)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction of old barracks-style buildings (pre-1978). No lead-based paint survey data were available for these buildings. Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified either because of storage of hazardous substances or petroleum products in specific locations or localized releases that are not expected to impact this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties.
150 Q-A/L(P) 1 acre	Section 8 (172, 139)	Qualified	ACBM: Non-friable asbestos observed in several buildings within this parcel; see Appendix A. (*Fort Ord Asbestos Survey*). Probable lead-based paint based on estimated date of construction of old barracks-style buildings (pre-1978). No lead-based paint survey data were available for these buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent onsite or offsite properties.
151-160	Parcel numbers were not used for the final report.		

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
161 Q-X(P) 4 acres	Section 3 (52, 138)	Qualified	MG (Machine Gun) Square #1: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except one are CERFA parcels. The boundaries of the adjacent CERFA disqualified parcel are clearly defined from site investigations or onsite observations and the parcel was disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from the adjacent CERFA parcel.
162 Q-X(P) 9 acres	Section 3 (55, 135)	Qualified	MG (Machine Gun) Square #2: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except one are either CERFA parcels or CERFA parcels with qualifiers. The boundaries of the adjacent CERFA disqualified parcel are clearly defined from site investigations or onsite observations and the parcel was disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
163	Parcel number was not used for the final report.		
164 Q-X(P) 6 acres	Section 4 (73, 136)	Qualified	MG (Machine Gun) Square #4: Approximate former location of machine gun training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations or onsite observations and the parcels were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
165	Parcel number was not used for the final report.		
166 Q-X(P) 4 acres	Section 2 (70, 109)	Qualified	Officer's Club Foxhole: Approximate location of foxhole in the vicinity of the Officer's Club with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 111194)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except for one are either CERFA parcels or CERFA parcels with qualifiers. The one disqualified parcel was categorized as such because of petroleum storage with no observed release; no impact on adjacent parcels is likely.
167 Q-X(P) 9 acres	Section 4 (82, 109)	Qualified	Parker Flats Gas House: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 111194)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
168	Parcel number was not used for the final report.		
169 Q-X(P) 63 acres	Section 4 (99, 136) Base-wide map (101, 135)	Qualified	Sinkhole Practice Mortar Range: Approximate former location of mortar training range with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 111194)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcel are clearly defined from site investigations and the parcel was disqualified because of storage of hazardous substances in specific locations and because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
170 D-HR(P)/X(P) 4 acres	Section 4 (84, 128)	Disqualified	Chemical/Biological/Radiological (CBR) Training Area #1: Approximate former location of CBR training with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. There is no evidence of use of biological or radiological materials; small quantities of chemical agents may have been used. The nature and extent of chemical contamination will be evaluated as part of the HLA Site No. 39 investigation; presence of UXO will be evaluated by Corps of Engineers. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
171 Q-X(P) 25 acres	Section 4 (97, 144)	Qualified	Mine & Booby Trap Area #2, Site of 100-lb. Bomb: Approximate location of 1970s minefield practice area with potential for presence of unexploded ordnance and/or explosive waste; a 100-lb. bomb was reportedly found in this general area. Additional investigations will be conducted in this area. An obstacle course currently occupies the area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
172	Parcel number was not used for the final report.		
173 D-HR(P)/X(P) 6 acres	Section 9 (106, 146)	Disqualified	Chemical/Biological/Radiological (CBR) Training Area #3: Approximate location of former CBR training area with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in these areas. There is no evidence of use of biological or radiological materials; small quantities of chemical agents may have been used. The nature and extent of chemical contamination will be evaluated as part of the HLA Site No. 39 investigation; presence of UXO will be evaluated by Corps of Engineers. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
174 Q-X(P) 6 acres	Section 9 (107, 144)	Qualified	Mine & Booby Trap Area #3: Approximate location of minefield practice area with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in these areas. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. One of the adjacent parcels was disqualified for petroleum storage in a specific location; the second parcel was disqualified as a UXO site with the potential for chemical contamination. The boundaries of the potential UXO areas were delineated to include all potential areas of concern; however, the parcels have not been surveyed and additional field investigation is currently underway. No impact is expected from the adjacent CERFA parcels.
175 Q-X(P) 30 acres	Section 8 (163, 134)	Qualified	3.5" Rocket Site: Approximate location of observed 3.5" rockets; no known current or former firing range was located in this area. Additional investigations will be conducted in this area to determine the presence or absence of unexploded ordnance and/or explosive waste. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and the parcels were disqualified because of releases that are not expected to extend into this parcel. No impact is expected from the adjacent CERFA parcel.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
176 Q-X(P) 8,400 acres	Section 2 (71, 82) Base-wide map (80, 60)	Qualified	Inland Range Impact Area, Range P-5, Naval Round Impact Area and Mortar Position, Wolf Hill Training Area: This parcel includes the main impact area for the inland ranges and several additional training areas with known or potential presence of unexploded ordnance and/or explosive waste; additional investigations throughout this area will be conducted. A listing of ordnance found or known to have been used in these areas is included in the Archive Search report. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is adjacent to several areas that have been disqualified due to storage or release of hazardous substances or petroleum products or their derivatives. The pipeline that passes through the undeveloped area of Fort Ord appears as a disqualified parcel within this parcel. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties, including the area defined as this parcel, cannot be ruled out. Based on the review of available information, no impact from any adjacent disqualified parcels with hazardous substance or petroleum storage in specific areas or with localized releases has been identified; however, the location of many of these activities also has not been surveyed. No impact is expected from adjacent CERFA parcels. This parcel is also adjacent to properties to the south of Fort Ord; no significant spills or releases that are likely to impact this parcel were identified. The Laguna Seca Landfill is located to the south of this parcel but no ground water contamination was identified at the landfill.
177 Q-X(P) 6 acres	Base-wide map (114, 138)	Qualified	Firing Point #1: Approximate former location of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
178 Q-X(P) 11 acres	Base-wide map (103, 128)	Qualified	Mortar Square #5: Approximate former location of training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
179 D-HR(P)/X(P) 15 acres	Base-wide map (99, 121)	Disqualified	Chemical/Biological/Radiological (CBR) Training Area #2: Approximate former location of CBR training with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. There is no evidence of use of biological or radiological materials; small quantities of chemical agents may have been used. The nature and extent of chemical contamination will be evaluated as part of the HLA Site No. 39 investigation; presence of UXO will be evaluated by Corps of Engineers. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
180 Q-X(P) 20 acres	Base-wide map (125, 107)	Qualified	Mine & Booby Trap Area #4: Approximate location of former minefield practice area with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives in the area defined as this parcel. This parcel is adjacent to a parcel that has been disqualified for potential hazardous substances release; no impact beyond the defined area is expected but it should be noted that the mapped location has not been surveyed. Based on the review of available information, no impact from any other parcels has been identified; however, the location of many of the activities in this part of the installation have not been surveyed.
181 Q-X(P) 85 acres	Base-wide map (103, 99)	Qualified	2.36" Rocket Moving Target Range: Approximate location of moving target range with known presence of unexploded ordnance and/or explosive waste; additional investigations throughout this area will be conducted. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 11/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is adjacent to the pipeline that passes through the undeveloped area of Fort Ord and which appears as a disqualified parcel. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties, including the area defined as this parcel, cannot be ruled out. Based on the review of available information, no impact from any other parcels has been identified; however, the locations of many of the activities in this part of the installation have not been surveyed.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
182 Q-X(P) 114 acres	Base-wide map (128, 98)	Qualified	Leary Hill and Elliot Hill Area: Approximate location of former training activities (within current training areas K2 & K3) with observed unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is adjacent to the pipeline that passes through the undeveloped area of Fort Ord and which appears as a disqualified parcel. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties, including the area defined as this parcel, cannot be ruled out. Based on the review of available information, no impact from any other parcels has been identified; however, the locations of many of the activities in this part of the installation have not been surveyed.
183 D-HR(P)/X(P) 25 acres	Base-wide map (154, 113)	Disqualified	Rifle Grenade and Fougas Range: Approximate location of former training activities with potential for chemical contamination and/or unexploded ordnance; explosive waste has been observed in the area. This range may have been used for flame field expedient (Fougas) training. Additional investigations will be conducted in this area. *(Personal Communication: Linda Temple, US Army Corps of Engineers/Fort Ord ENRD, 9/23/93; Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)*
184 D-HR(P)/X(P)/RD 110 acres	Base-wide map (164, 110)	Disqualified Qualified	ASP Grenade Area: Approximate location of former training activities with potential for presence of unexploded ordnance and observed explosive waste; the area was reportedly an old EOD (explosive ordnance demolition). Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* Radiological source: This parcel includes locations where equipment containing NRC licensed materials were used, stored, or repaired. *(Department of the Army Memorandum from Joseph H. Plunkett, Chief, Base Realignment and Closure Division, Headquarters Forces Command, 12/3/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives in the area defined as this parcel. This parcel is adjacent to a parcel that has been disqualified for petroleum storage; no extensive impact from the petroleum storage is expected but it should be noted that the mapped location has not been surveyed. Based on the review of available information, no impact from any other parcels has been identified; however, the locations of many of the activities in this part of the installation have not been surveyed.
185	Parcel number was not used for the final report.		

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
186 Q-X(P) 4 acres	Base-wide map (173, 94)	Qualified	Firing Point #2: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.
187 Q-X(P) 114 acres	Base-wide map (162, 93)	Qualified	Picnic Canyon Training Area: Approximate location of former training activities with potential for presence of unexploded ordnance and observed explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives in the area defined as this parcel. A smaller parcel within this parcel has been disqualified for petroleum storage; no extensive impact from the petroleum storage is expected but it should be noted that the mapped location has not been surveyed. Parcel 187 is also adjacent to the pipeline that passes through the undeveloped area of Fort Ord and which appears as a disqualified parcel. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties, including the area defined as this parcel, cannot be ruled out. Based on the review of available information, no impact from any other parcels has been identified; however, the locations of many of the activities in this part of the installation have not been surveyed.
188 Q-X(P) 9 acres	Base-wide map (146, 93)	Qualified	Rifle Training Area: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* Inland Range Impact Area: This parcel is within the main impact area for the inland ranges and several additional training areas with known or potential presence of unexploded ordnance and/or explosive waste; additional investigations throughout this area will be conducted. A listing of ordnance found or known to have been used in these areas is included in the Archive Search report. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is adjacent to the pipeline that passes through the undeveloped area of Fort Ord and which appears as a disqualified parcel. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties, including the area defined as this parcel, cannot be ruled out. Based on the review of available information, no impact from any other parcels has been identified; however, the locations of many of the activities in this part of the installation have not been surveyed.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
189 Q-X(P) 20 acres	Base-wide map (143, 89)	Qualified	Hand Grenade Training Area: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* Inland Range Impact Area: This parcel is within the main impact area for the inland ranges and several additional training areas with known or potential presence of unexploded ordnance and/or explosive waste; additional investigations throughout this area will be conducted. A listing of ordnance found or known to have been used in these areas is included in the Archive Search report. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives in the area defined as this parcel. This parcel is adjacent to a parcel that has been disqualified for petroleum storage; no extensive impact from the petroleum storage is expected but it should be noted that the mapped location has not been surveyed. Based on the review of available information, no impact from any other parcels has been identified; however, the locations of many of the activities in this part of the installation have not been surveyed.
190 Q-X(P) 490 acres	Base-wide map (175, 65)	Qualified	1930s Training Area, Tank Gunnery Range: Approximate location of former training activities with potential for presence of unexploded ordnance and/or explosive waste; additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94)* No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are CERFA parcels.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
191 Q-A(P)/L/X(P) 95 acres	Section 5 (65,182)	Qualified	Flame Thrower Range Area, Area of 75 mm Howitzer Firing Points, Mine and Booby Trap Areas, Mortar Squares #1, #2, and #3: Approximate location of former minefield practice area, area reportedly used as flame thrower range, and several firing points; potential exists for presence of unexploded ordnance and/or explosive waste. Additional investigations will be conducted in this area. *(Data Summary and Work Plan, Site 39 - Inland Ranges, Fort Ord, California, Draft, HLA, 1/1/94; Ordnance and Explosive Waste Archives Search Report, US Army Corps of Engineers, St. Louis District, 12/93)* Patton Elementary School and land leased from Fort Ord: The school buildings are owned by the Monterey Peninsula Unified School District (MPUSD); the land is owned by Fort Ord. No hazardous substances or petroleum products or their derivatives have been stored, released, or disposed within the school property. *(Interview: C. Van Meter, MPUSD, 3/16/94)* Probable lead-based paint and ACBM based on the date of construction (1962) of the Patton School. No survey of lead-based paint has been performed; all paint is well maintained. An asbestos survey was performed and all friable asbestos has been removed; non-friable asbestos in good condition may still exist in school buildings. Confirmed lead-based paint and probable ACBM in Patton Park based on dates of construction (1962, 1966, 1969). *(Interview: M. Reese, 5/16/94)* No ACBM survey data were available for the housing areas. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives in the area defined as this parcel; two disqualified areas were identified as separate parcels within Parcel 191 but the impact of those activities is not expected to extend to the area defined as this parcel. This parcel is also in the vicinity of observed ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. Based on the review of available information, this parcel is not expected to be threatened by offsite activities; no release were identified within the adjacent properties. No impact is expected from adjacent CERFA parcels or the CERFA parcel with qualifier.
	Section 5 (70,185)		
192 P 6 acres	Section 4 (72, 133)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA qualifier based on available information and site inspection; the area is within the developed part of Fort Ord and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The adjacent CERFA disqualified parcel was disqualified because of storage of petroleum products in a specific location which is not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels with qualifiers.
193	Parcel number was not used for the final report.		

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
194 P 43 acres	Section 4 (74, 142)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the developed part of Fort Ord and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The adjacent CERFA disqualified parcels were disqualified because of storage of hazardous substances or petroleum products in specific locations or localized releases which are not expected to impact the adjacent property. This parcel is also adjacent to areas identified as potential UXO parcels. The boundaries of the potential UXO areas were delineated to include all potential areas of concern, however, the parcels have not been surveyed and additional field investigation is currently underway. No impact is expected from the other adjacent CERFA parcels with qualifiers.
195 P 2 acres	Section 4 (73, 135)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the developed part of Fort Ord and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The adjacent CERFA disqualified parcel was disqualified because of storage of hazardous substances in a specific location which is not expected to impact the adjacent property. This parcel is also adjacent to an area identified as a potential UXO parcel. The boundaries of the potential UXO areas were delineated to include all potential areas of concern, however, the parcels have not been surveyed and additional field investigation is currently underway. No impact is expected from the other adjacent CERFA parcel or CERFA parcel with qualifiers.
196 P 3 acres	Section 4 (75, 133)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the developed part of Fort Ord and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The adjacent CERFA disqualified parcel was disqualified because of storage of hazardous substances in a specific location which is not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels with qualifiers.
197 P 3 acres	Section 4 (68, 130)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the developed part of Fort Ord and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The adjacent CERFA disqualified parcel was disqualified because of storage of hazardous substances in a specific location which is not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels with qualifiers.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
198 P 16 acres	Section 4 (83, 145)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the developed part of Fort Ord and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The adjacent CERFA disqualified parcel was disqualified because of storage of hazardous substances or petroleum products in specific locations which is not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels with qualifiers.
199	Parcel number was not used for the final report.		
200 P 21 acres	Section 5 (61, 191)	CERFA	No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel or to indicate that this parcel is threatened by activities on adjacent properties. However, this parcel is adjacent to areas identified as potential UXO parcels and runs along the northern boundary of Site 3, the Beach Ranges. Although boundaries of the potential UXO areas were delineated to include all potential areas of concern, the parcels have not been surveyed and additional field investigation is currently underway. No impact is expected from offsite facilities or from the adjacent CERFA parcel. It should be noted that the railroad right of way passes through this parcel; since there is no direct evidence of releases of hazardous substances or petroleum products, this parcel has not been disqualified. A portion of the railroad right of way was included within Site 13; no contamination was observed and no further action was recommended.
201 P 32 acres	Section 5 (56, 180)	CERFA	No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel or to indicate that this parcel is threatened by activities on adjacent properties. This parcel is adjacent to the Beach Ranges and other potential UXO areas. The boundaries of the potential UXO areas were delineated to include all potential areas of concern; however, the parcels have not been surveyed and additional field investigation is currently underway. This parcel is also in the vicinity of observed ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. It should be noted that the railroad right of way passes through this parcel; since there is no direct evidence of releases of hazardous substances or petroleum products, this parcel has not been disqualified. A portion of the railroad right of way was included within Site 13; no contamination was observed and no further action was recommended.
202 P 10 acres	Section 5 (71, 184) Section 6 (80, 180)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. This parcel is in the vicinity of observed ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent offsite properties and no impact is expected from the adjacent CERFA parcel with qualifier.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
203 - 204	Parcel numbers were not used for the final report.		
205 Q-A(P)/L(P) 23 acres	Section 4 (61, 118) Section 2 (60, 116)	Qualified	Marshall Elementary School and land leased from Fort Ord: The school buildings are owned by the Monterey Peninsula Unified School District (MPUSD); the land is owned by Fort Ord. No hazardous substances or petroleum products or their derivatives have been stored, released, or disposed within the school property. *(Interview: C. Van Meter, MPUSD, 3/16/94)* Probable lead-based paint and ACBM based on the date of construction (1963) of the Marshall School. No survey of lead-based paint has been performed; all paint is well maintained. An asbestos survey was performed and all friable asbestos has been removed; non-friable asbestos in good condition may still exist in school buildings. No evidence was observed during the CERFA assessment to indicate any storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers.
206 P 277 acres	Section 3 (50, 140) Section 1 (30, 120)	CERFA	No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel or to indicate that this parcel is threatened by activities on adjacent properties. Most adjacent CERFA disqualified parcels were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property. Although this parcel is in the vicinity of observed ground water contamination, the area disqualified for the ground water contamination was delineated to include all areas with observed contamination. No impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers. It should be noted that the railroad right of way passes through this parcel; since there is no direct evidence of releases of hazardous substances or petroleum products, this parcel has not been disqualified. A portion of the railroad right of way was included within Site 13; no contamination was observed and no further action was recommended.
207 Q-A(P)/L(P) 12 acres	Section 1 (22, 100)	Qualified	Hayes Elementary School and land leased from Fort Ord: The school buildings are owned by the Monterey Peninsula Unified School District (MPUSD); the land is owned by Fort Ord. No hazardous substances or petroleum products or their derivatives have been stored, released, or disposed within the school property. *(Interview: C. Van Meter, MPUSD, 3/16/94)* Probable lead-based paint and ACBM based on the date of construction (1953) of the Hayes School. No survey of lead-based paint has been performed; all paint is well maintained. An asbestos survey was performed and all friable asbestos has been removed; non-friable asbestos in good condition may still exist in school buildings. No evidence was observed during the CERFA assessment to indicate any storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
208 Q-A(P)/L(P) 22 acres	Section 3 (54,122) Section 4 (56,122)	Qualified	Stilwell Elementary School and land leased from Fort Ord: The school buildings are owned by the Monterey Peninsula Unified School District (MPUSD); the land is owned by Fort Ord. No hazardous substances or petroleum products or their derivatives have been stored, released, or disposed within the school property. *(Interview: C. Van Meter, MPUSD, 3/16/94)* Probable lead-based paint and ACBM based on the date of construction (1957) of the Stilwell Elementary School. No survey of lead-based paint has been performed; all paint is well maintained. An asbestos survey was performed and all friable asbestos has been removed; non-friable asbestos in good condition may still exist in school buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties except for one are either CERFA parcels or CERFA parcels with qualifiers. The one disqualified parcel was categorized as such because of storage and release of petroleum in a specific localized area; no releases were reported and no impact on adjacent parcels is likely.
209 P 7 acres	Section 3 (52, 157)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the Main Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
210 P 6 acres	Section 3 (59, 152)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the Main Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
211 P 7 acres	Section 3 (55, 148)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the Main Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
212 P 45 acres	Section 3 (64, 150) Section 4 (83, 151) Section 4 (79, 148) Section 4 (67, 148) Section 6 (83, 153)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the Main Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of most of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; the adjacent area disqualified for the ground water contamination was delineated to include all areas with observed contamination and Parcel 212 was not impacted. No impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
213 P 86 acres	Section 2 (59, 115) Section 3 (56, 132) Section 3 (59, 136) Section 4 (66, 135) Section 4 (58, 119) Section 4 (60, 129)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. Adjacent CERFA disqualified parcels were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property; no impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
214 P 477 acres	Section 1 (42, 104) Section 2 (51, 95)	CERFA	This parcel includes the Golf Course and undeveloped land to the northwest of the impact area. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is adjacent to areas identified as potential UXO parcels. Although the boundaries of the potential UXO areas were delineated to include all potential areas of concern, the parcels have not been surveyed and additional field investigation is currently underway. Three disqualified parcels are also adjacent to this parcel; these were categorized as such because of storage and release of hazardous substances or petroleum in specific localized areas; no impact on adjacent parcels is likely. Based on the review of currently available information, this parcel is not expected to be threatened by the adjacent properties.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
215 Q-A(P)/L(P) 57 acres	Section 1 (44,96) Section 2 (46,96)	Qualified	Fitch Middle School and land leased from Fort Ord: The school buildings are owned by the Monterey Peninsula Unified School District (MPUSD); the land is owned by Fort Ord. No hazardous substances or petroleum products or their derivatives have been stored, released, or disposed within the school property. *(Interview: C. Van Meter, MPUSD, 3/16/94)* Probable lead-based paint and ACBM based on the date of construction (1961) of the Fitch Middle School. No survey of lead-based paint has been performed; all paint is well maintained. An asbestos survey was performed and all friable asbestos has been removed; non-friable asbestos in good condition may still exist in school buildings. No evidence was observed during the CERFA assessment to indicate any storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers
216 P 26 acres	Section 1 (34, 95)	CERFA	This parcel includes Thorsen Village, a third-party lease on land owned by Fort Ord. Buildings are owned by a third party and were constructed in 1989; lead-based paint and ACBM are not expected to be present. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; all adjacent properties are either CERFA parcels or CERFA parcels with qualifiers and not expected to impact this parcel. This parcel is also adjacent to properties to the south of Fort Ord but no impact from the offsite properties is expected.
217 P 96 acres	Section 4 (94, 143) Section 6 (96, 147) Section 9 (106, 147)	CERFA	No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. The areas adjacent to this parcel include Site 21, Site 22 and the area disqualified for the OU-2 ground water contamination, as well as several other smaller parcels that are not likely to have a potential impact on this parcel. The ground water contamination plume was delineated to include all areas with observed contamination and parcel 217 was not impacted. Soil contamination was reported at the canal discharge area at the north of Site 22, immediately adjacent to this parcel; however, since there was no direct evidence of contamination outside of the defined site, this area within Parcel 217 was not disqualified. The extent of contamination, if any, along the canal has not been defined. This parcel is also adjacent to areas identified as potential UXO parcels. The boundaries of the potential UXO areas were delineated to include all potential areas of concern, however, the parcels have not been surveyed and additional field investigation is currently underway. No impact is expected from the adjacent CERFA parcel or other CERFA parcels with qualifiers.
218 P 4 acres	Section 9 (113, 152)	CERFA	No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is in the vicinity of the observed OU-2 ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. Based on the review of currently available information, this parcel is not threatened by adjacent parcels.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
219 P 141 acres	Section 9 (124, 159)	CERFA	Parcel is defined by the borders of the Schoonover Park housing area. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. This parcel is in the vicinity of the observed OU-2 ground water contamination; the area disqualified for the ground water contamination was delineated to include all areas with observed contamination and no impact on this parcel was identified. This parcel is also adjacent to several small parcels that were disqualified for petroleum storage in specific locations; no impact on this parcel from the petroleum storage is expected. Based on the review of currently available information, this parcel is not threatened by adjacent parcels.
220 P 390 acres	Section 6 (110, 174), Section 9 (125, 167)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of most of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that have not been shown to act the adjacent property; the adjacent area disqualified for the ground water contamination was delineated to include all areas with observed contamination and Parcel 220 was not impacted. No impact is expected from adjacent CERFA parcels or CERFA parcels with qualifiers.
221 P 966 acres	Section 6 (111, 184) Section 7 (120, 208) Section 9 (142, 171) Base-wide map (100, 203)	CERFA	This parcel includes the undeveloped areas around FAAF and has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from FAAF site investigations or storage of hazardous substances or petroleum products in specific locations; no impact from these parcels is likely to extend onto this parcel. This parcel is also adjacent to a potential UXO parcel. The boundaries of the potential UXO areas were delineated to include all potential areas of concern; however, the parcels have not been surveyed and additional field investigation is currently underway. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent offsite properties or adjacent CERFA parcels.
222 P 2 acres	Section 8 (166, 142)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the East Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
223 P 2 acres	Section 8 (160, 139)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the East Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property.
224	Parcel number was not used for the final report.		
225 P 10 acres	Section 8 (167,139)	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection; the area is within the East Garrison and is largely open space with no buildings. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent properties. The boundaries of the adjacent CERFA disqualified parcels are clearly defined from site investigations and were disqualified either because of storage of hazardous substances or petroleum products in specific locations or because of localized releases that are not expected to impact the adjacent property. This parcel is also adjacent to an area identified as a potential UXO parcel. The boundaries of the potential UXO areas were delineated to include all potential areas of concern, however, the parcels have not been surveyed and additional field investigation is currently underway.
226 P 5,500 acres	Section 2 (75, 105) Section 4 (80, 122) Section 8 (151, 134) Section 9 (138, 147) Base-wide Map Training areas J, K, L, and H	CERFA	This parcel has been defined as the remaining area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. This parcel includes undeveloped land (training areas) north of Parcel 96 and is shown on Sections 2, 4, 8, and 9, as well as the base-wide map. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Many areas identified as potential UXO parcels and disqualified parcels are within the outer boundaries of this parcel. It is worth noting that the boundaries and locations of the potential UXO areas and some of the disqualified parcels were delineated to include all potential areas of concern; however, the UXO parcels and the disqualified parcels located within the training areas have not been surveyed and additional field investigation of the potential UXO areas is currently underway. No impact is expected from any adjacent disqualified parcels with hazardous substance or petroleum storage in specific areas or with localized releases (e.g., NPL study sites); this parcel is not within the area of defined ground water contamination. This parcel is also adjacent to the mapped location of the pipeline that passes through the undeveloped area of Fort Ord. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties cannot be ruled out. No impact is expected from adjacent offsite properties.

Parcel Code and Size	Map Location	CERFA Category	Parcel Description
227 P 4,100 acres	Base-wide Map Training areas R, P, N, H, and O	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. This parcel includes undeveloped land (training areas) south of Parcel 96 and 97 and is shown on the Base-wide map. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. Many areas identified as potential UXO parcels and disqualified parcels are within the outer boundaries of this parcel. It is worth noting that the boundaries and locations of the potential UXO areas and some of the disqualified parcels were delineated to include all potential areas of concern; however, the UXO parcels and the disqualified parcels located within the training areas have not been surveyed and additional field investigation of the potential UXO areas is currently underway. This parcel is also adjacent to the mapped location of the pipeline that passes through the undeveloped area of Fort Ord. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties cannot be ruled out. No impact is expected from adjacent offsite properties.
228 P 163 acres	Base-wide Map Training area O	CERFA	This parcel has been defined as the area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. This parcel includes undeveloped land (training areas) north of Parcel 97 and is shown on the Base-wide map. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. No potential UXO parcels were identified within this parcel. This parcel is adjacent to the mapped location of the pipeline that passes through the undeveloped area of Fort Ord. Since the pipeline location has not been surveyed and the condition of the pipeline through Fort Ord has not been investigated, the potential for the pipeline to impact adjacent properties cannot be ruled out. No impact is expected from adjacent offsite properties.
229 P 80 acres	Base-wide Map Training area Q	CERFA	This parcel has been defined as area that has not been categorized as CERFA disqualified or CERFA with qualifier based on available information and site inspection. This parcel includes undeveloped land (training areas) southwest of the Impact Area, along the boundary of the installation; it is shown on the Base-wide map. No evidence was observed during the CERFA assessment to indicate storage, release, or disposal of hazardous substances or petroleum products or their derivatives within the area defined as this parcel. This parcel is outside of the defined area of potential UXO. No impact is expected from adjacent offsite properties.
230 P <10 acres	Base-wide Map York Road South of Impact Area	CERFA	York Road: This parcel includes a small strip of land to the south of the Inland Ranges Impact area. The area was retained by Fort Ord to provide access to Fort Ord from the south after the adjacent parcel to the east was deeded back to the former owner in 1944. *(Interview: HLA (S. Farley), 10/13/93; C. George, 3/30/94)* There was no evidence of storage, release, or disposal of hazardous substances or petroleum products or their derivatives within this parcel. Based on the review of available information, this parcel is not expected to be threatened by activities on adjacent or surrounding properties; this parcel is adjacent to the Inland Ranges Impact area, which has been identified as potential UXO area.

NOTES:

Parcel Codes
P: CERFA Parcel
D: Disqualified Parcel
Q: CERFA Parcel with Qualifier
E: Excluded Parcel

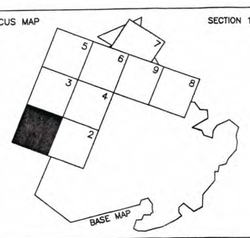
HR: Release or Disposal of Hazardous Substances
HS: Storage of Hazardous Substances
PR: Release or Disposal of Petroleum Products
PS: Storage of Petroleum Products
A: Asbestos-Containing Building Materials
L: Lead-Based Paint
X: Unexploded Ordnance
(P): Probable

Parcel Description Abbreviations
ACBM: Asbestos-Containing Building Materials
F: Friable Asbestos
NF: Non-Friable Asbestos
UST: Underground Storage Tank
HW: Hazardous Waste
GW: Ground Water
MCL: Maximum Contaminant Level
PHC: Petroleum Hydrocarbons
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compound
PCB: Polychlorinated Biphenyl
ppb: parts per billion
BTEX: Benzene, toluene, ethylbenzene, xylene
ADL: Arthur D. Little, Inc.
HLA: Harding Lawson Associates
O/W: Oil/water Separator
NBC: Nuclear Biological Chemical
CBR: Chemical, Biological, Radiological

REV. #	REVISION DATE
0	12/01/93
1	03/24/94

LOCUS MAP

SECTION 1



DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- 14 = PARCEL NUMBER
- D = CERFA DISQUALIFIED PARCEL
- PS = PETROLEUM STORAGE

A = ASBESTOS
L = LEAD PAINT
P = PCBs
R = RADON
X = UXO
RD = RADIONUCLIDES
PS = PETROLEUM STORAGE
PR = PETROLEUM RELEASE/DISPOSAL
HS = HAZARDOUS SUBSTANCES STORAGE
HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
(P) = POSSIBLE QUALIFIER

P = CERFA PARCEL
Q = CERFA QUALIFIED PARCEL
D = CERFA DISQUALIFIED PARCEL
E = CERFA EXCLUDED PARCEL

PARCEL LABELS

45D–HR/A/L(P)/X(P)/RD
46D–HR/HS/PR/PS
47D–HS/PS
49D–HR/HS/PS
51D–HS/PS/A/L(P)
52D–HR/HS/PS/A/L(P)
124Q–A(P)/L/R
125Q–A(P)/L/R
126Q–A(P)/L/R
130Q–A(P)/L
134Q–A(P)/L
135Q–A(P)
206P
207Q–A(P)/L(P)
214P
215Q–A(P)/L(P)
216P

LEGEND

- (PS) PETROLEUM STORAGE
- (HS) HAZARDOUS SUBSTANCES STORAGE
- (HR) HAZARDOUS RELEASE
- HR PROBABLE HAZARDOUS RELEASE
- PR PROBABLE PETROLEUM RELEASE
- (R) RADON
- UXO POTENTIAL UNEXPLODED ORDNANCE
- NPL STUDY AREA

0 2500 FT.

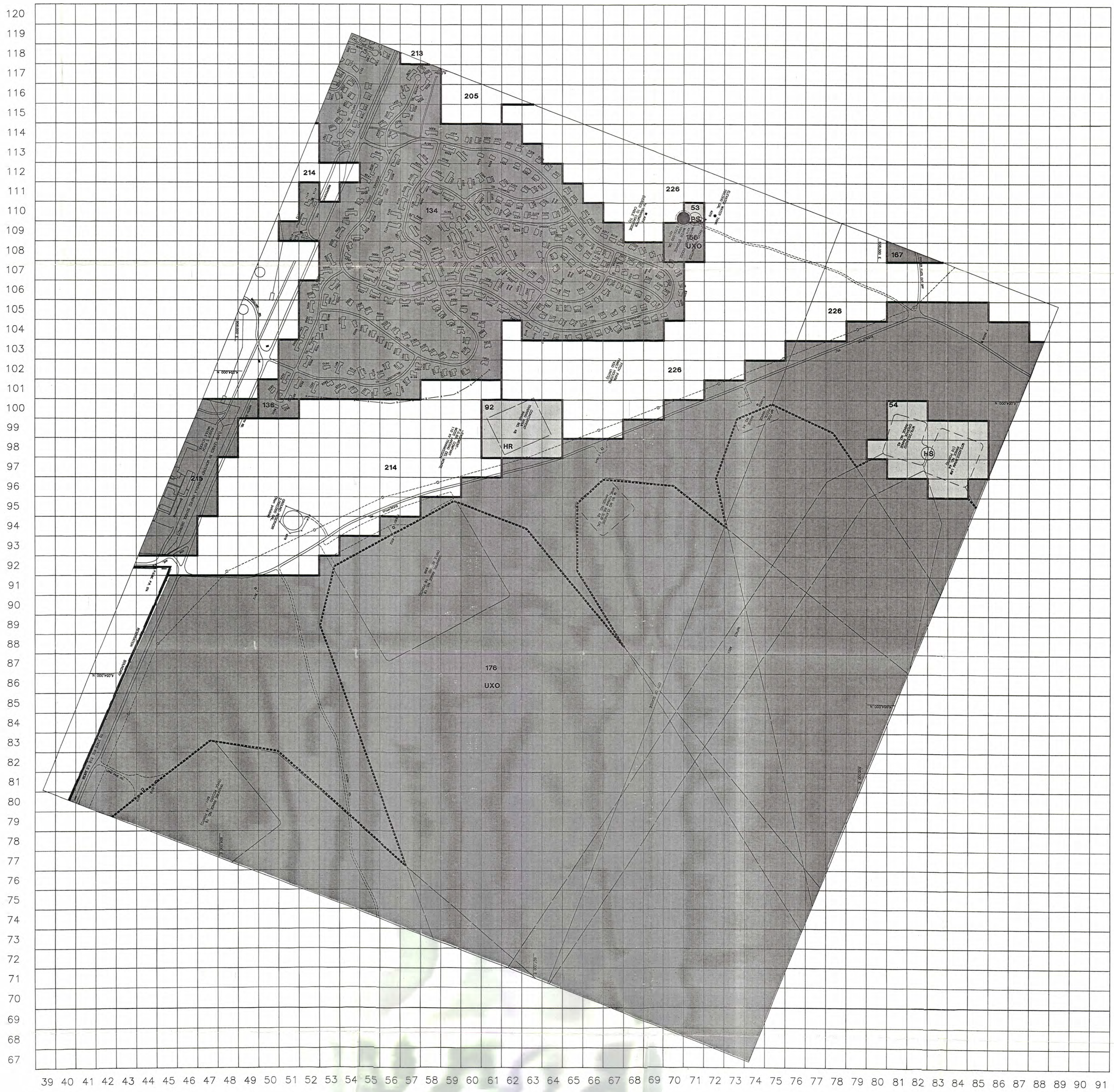
U.S. ARMY ENVIRONMENTAL CENTER
COMPLIANCE - RESTORATION - PREVENTION - CONSERVATION

Figure 5–1
Section 1 of 10
Fort Ord, California
CERFA Parcel Designations

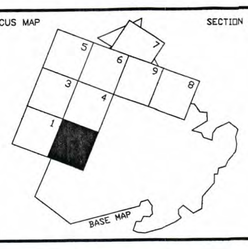
PREPARED FOR:	SCALE:
USAEC	AS SHOWN
DRAWING NO.	DATE:
67070–009	APR. 1994

Arthur D Little
Cambridge, Massachusetts

REV. #	REVISION DATE
0	12/01/93
1	3/24/94



LOCUS MAP — SECTION 2



DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- 14 = PARCEL NUMBER
- D = CERFA DISQUALIFIED PARCEL
- PS = PETROLEUM STORAGE

A = ASBESTOS
L = LEAD PAINT
P = PCBs
R = RADON
X = UXO
RD = RADIONUCLIDES
PS = PETROLEUM STORAGE
PR = PETROLEUM RELEASE/DISPOSAL
HS = HAZARDOUS SUBSTANCES STORAGE
HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
(P) = POSSIBLE QUALIFIER

P = CERFA PARCEL
Q = CERFA QUALIFIED PARCEL
D = CERFA DISQUALIFIED PARCEL
E = CERFA EXCLUDED PARCEL

PARCEL NUMBER

PARCEL LABELS

53D-PS/A/L(P)
54D-HS
92D-HR(P)
134Q-A(P)/L
136Q-A(P)
166Q-X(P)
167Q-X(P)
176Q-X(P)
205P
213P
214P
215Q-A(P)/L(P)
226P

LEGEND

- HS — HAZARDOUS SUBSTANCES STORAGE
- PS — PETROLEUM STORAGE
- UXO — POTENTIAL UNEXPLODED ORDNANCE

0 2500 FT.

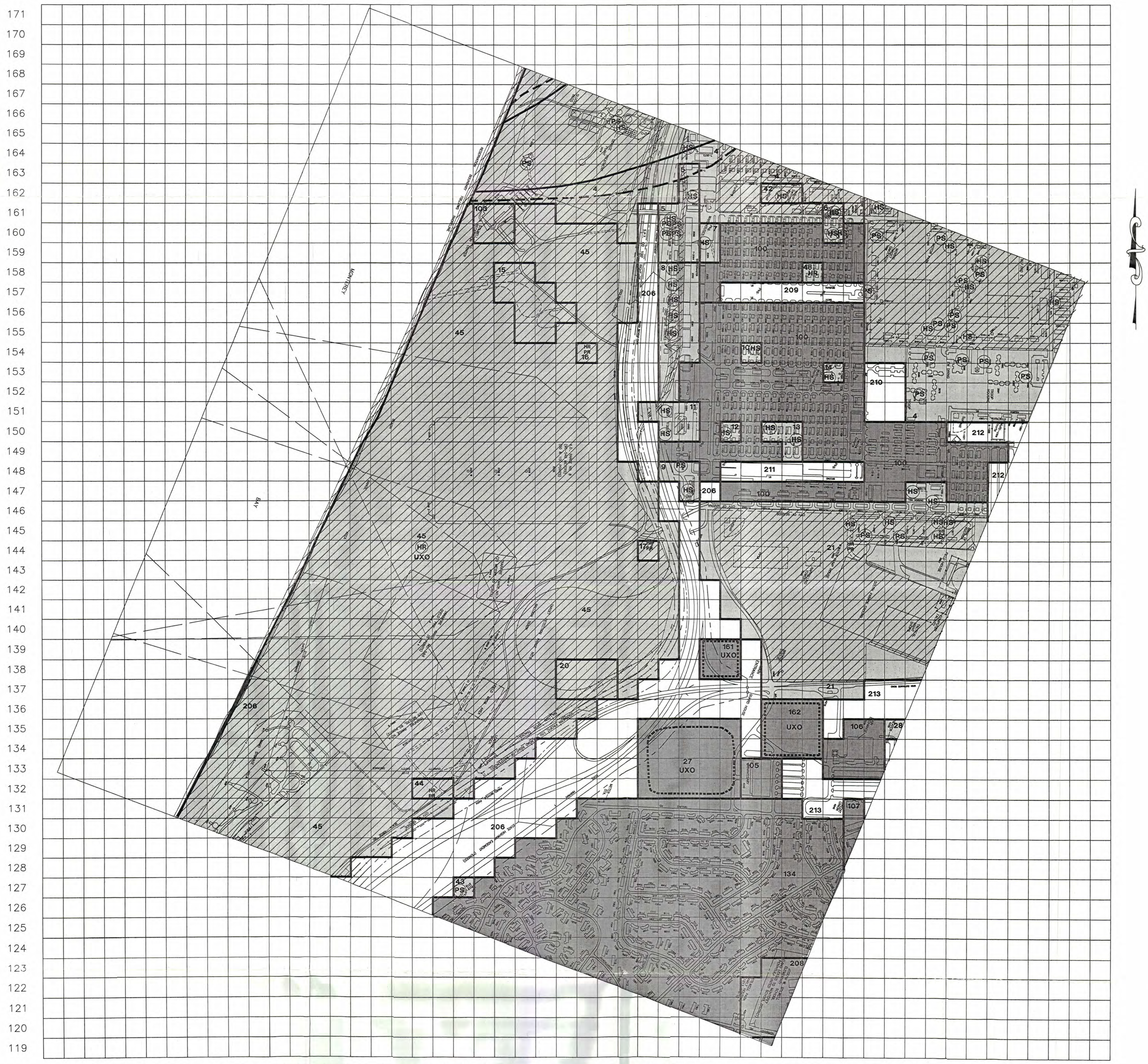
U.S. ARMY ENVIRONMENTAL CENTER — COMPLIANCE · RESTORATION · PREVENTION · CONSERVATION

Figure 5-1
Section 2 of 10
Fort Ord, California
CERFA Parcel Designations

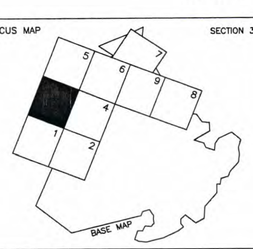
PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO. 67070-011	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts

REV. #	REVISION DATE
0	12/01/93
1	3/24/94



LOCUS MAP — SECTION 3



DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- 14 — PARCEL NUMBER
- D — CERFA DISQUALIFIED PARCEL
- PS — PETROLEUM STORAGE

A = ASBESTOS
L = LEAD PAINT
P = PCBs
R = RADON
X = UXO
RD = RADIONUCLIDES
PS = PETROLEUM STORAGE
PR = PETROLEUM RELEASE/DISPOSAL
HS = HAZARDOUS SUBSTANCES STORAGE
HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
(P) = POSSIBLE QUALIFIER

P = CERFA PARCEL
Q = CERFA QUALIFIED PARCEL
D = CERFA DISQUALIFIED PARCEL
E = CERFA EXCLUDED PARCEL

PARCEL LABELS

4D-HR/HS/PS/PR(P)/A/L(P)/X(P)/RD
5D-HS/PS/HR(P)/PR(P)/A/L(P)/RD
6D-HS/A/L(P)
7D-HS/A/L(P)
8D-HS/HR(P)/PR(P)/L(P)/RD
9D-HS/PS/A/L(P)
10D-HS/A/L(P)/RD
11D-HS/HR(P)/PR(P)/A/L(P)
12D-HS/A/L(P)/RD
13D-HS/A/L(P)/RD
14D-HS/A/L(P)/RD
15D-HR/X(P)
16D-HR/PR(P)/X(P)
17D-HR/PR(P)/X(P)
20D-HR/X(P)
21D-HR/HS/PR/PS/A/L(P)/X(P)/RD
27Q-X(P)
28D-HR/HS/PR/PS/A/L(P)
42D-HS/A/L(P)
43D-PS
44D-HR(P)/PR(P)/X(P)
45D-HR/X(P)/A/L(P)/RD
48D-HR(P)/A/L(P)
100Q-A/L(P)/RD
103D-HR(P)/A/L(P)/X(P)
105Q-A/L(P)
106Q-A/L(P)
107Q-A/L(P)
134Q-A(P)/L
161Q-X(P)
162Q-X(P)
206P
208Q-A(P)/L(P)
209P
210P
211P
212P
213P

LEGEND

- PS — PETROLEUM STORAGE
- HS — HAZARDOUS SUBSTANCES STORAGE
- HR — PROBABLE HAZARDOUS RELEASE
- PR — PROBABLE PETROLEUM RELEASE
- UXO — POTENTIAL UNEXPLODED ORDNANCE
- NPL STUDY AREA
- TCE CONTAMINATED GROUND WATER PLUME (TCE > 10 PPB)
- TCE CONTAMINATED GROUND WATER PLUME (TCE DETECTED)

0 2500 FT.

U.S. ARMY ENVIRONMENTAL CENTER — COMPLIANCE · RESTORATION · PREVENTION · CONSERVATION

Figure 5-1
Section 3 of 10
Fort Ord, California
CERFA Parcel Designations

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USAEC	AS SHOWN
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67070-012	APR. 1994

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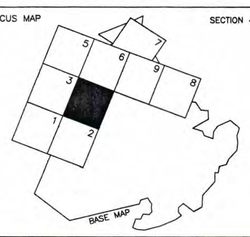
0	12/01/93
1	3/24/94

LOCUS MAP

SECTION 4



DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- 14 — PARCEL NUMBER
- D — CERFA DISQUALIFIED PARCEL
- PS — PETROLEUM STORAGE

A = ASBESTOS
L = LEAD PAINT
P = PCBs
R = RADON
X = UXO
RD = RADIONUCLIDES
PS = PETROLEUM STORAGE
PR = PETROLEUM RELEASE/DISPOSAL
HS = HAZARDOUS SUBSTANCES STORAGE
HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
(P) = POSSIBLE QUALIFIER

P = CERFA PARCEL
Q = CERFA QUALIFIED PARCEL
D = CERFA DISQUALIFIED PARCEL
E = CERFA EXCLUDED PARCEL

PARCEL LABELS

4D–HR/HS/PS/PR(P)/A/L(P)/X(P)/RD
21D–HR/HS/PR/PS/A/L(P)/X(P)/RD
23D–HS/A/L(P)
24D–PS/A/L(P)
25D–HS/PR(P)/PS/A/L(P)/RD
26D–HS/PS/A/L(P)/RD
28D–HR/HS/PR/PS/A/L(P)/RD
29D–PS/A/L(P)
30D–PS/A/L(P)
31D–HS/A/L(P)/RD
32D–PS
33D–HS/A/L(P)
34D–HS/A/L(P)
35D–PS/A/L(P)/RD
36D–HS/PS/A/L(P)/RD
37D–HS/PS/A/L(P)
38D–HS/PS/A/L(P)
39D–PS/A(P)/L(P)
40D–PS/A/L(P)
41D–PS/A/L(P)
99Q–X(P)
102D–HS(P)
107Q–A/L(P)
111P
113Q–A/L(P)/RD
114Q–A/L(P)/R/RD
115Q–A/L(P)
116Q–A/L(P)
117Q–A/L(P)
119Q–A/L(P)
132Q–A(P)/L(P)/X(P)
134Q–A(P)/L
164Q–X(P)
167Q–X(P)
169Q–X(P)
170D–HR(P)/X(P)
171Q–X(P)
192P
194P
195P
196P
197P
198P
205Q–A(P)/L(P)
208Q–A(P)/L(P)
212P
213P
217P
226P

LEGEND

- PS — PETROLEUM STORAGE
- HS — HAZARDOUS SUBSTANCES STORAGE
- HR — PROBABLE HAZARDOUS RELEASE
- PR — PROBABLE PETROLEUM RELEASE
- R — RADON
- UXO — POTENTIAL UNEXPLODED ORDNANCE
- NPL STUDY AREA

U.S. ARMY ENVIRONMENTAL CENTER — CLEAN-UP · RESTORATION · PREVENTION · COMPLIANCE

0 2500 FT.

Figure 5–1
Section 4 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR:	SCALE:
USAEC	AS SHOWN
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67070–013	APR. 1994

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Cambridge, Massachusetts

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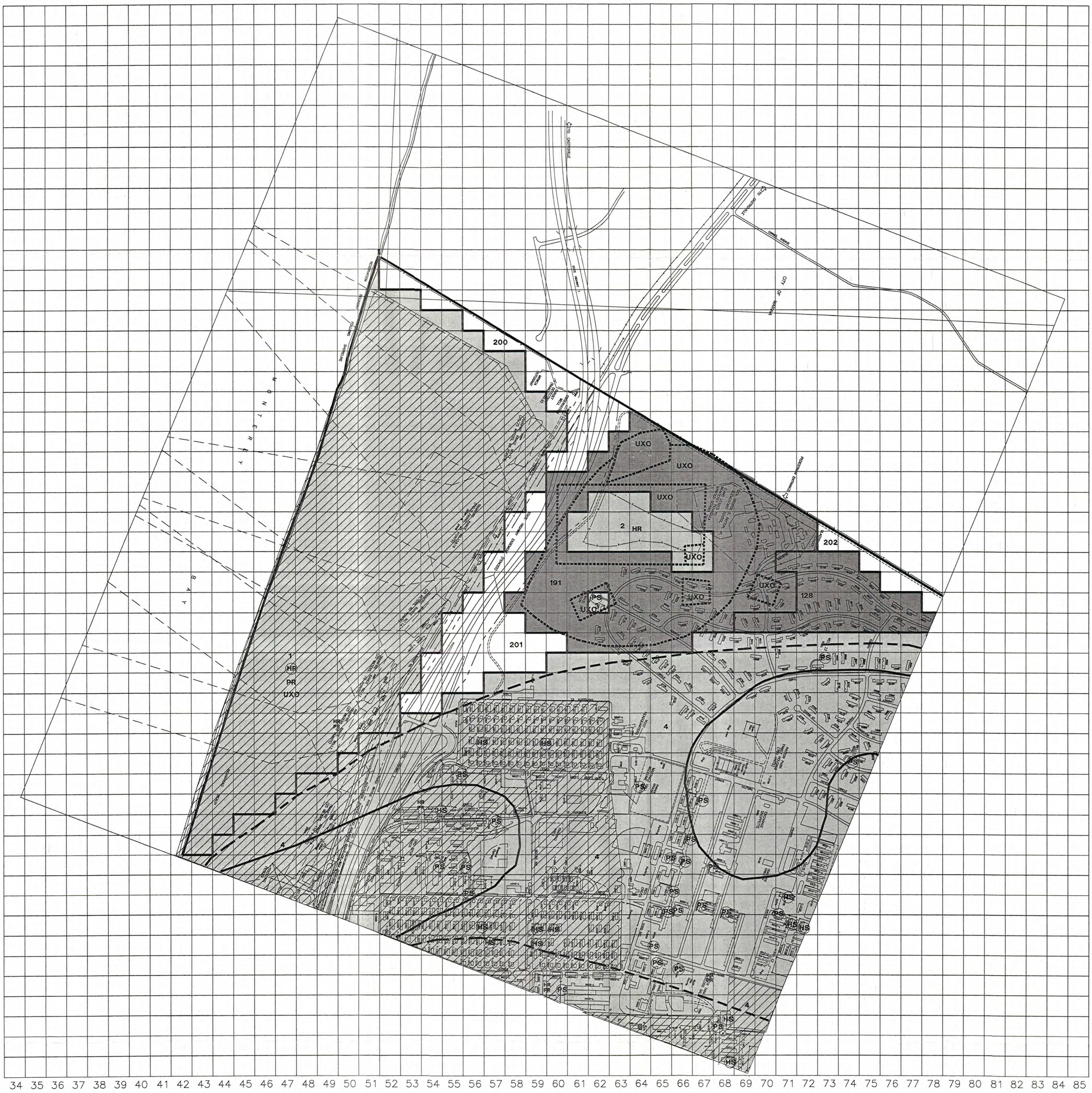
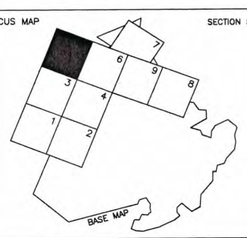
0	12/01/93
1	3/24/94



LOCUS MAP

SECTION 5



DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- A = ASBESTOS
- L = LEAD PAINT
- P = PCBs
- R = RADON
- X = UXO
- RD = RADIONUCLIDES
- PS = PETROLEUM STORAGE
- PR = PETROLEUM RELEASE/DISPOSAL
- HS = HAZARDOUS SUBSTANCES STORAGE
- HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
- (P) = POSSIBLE QUALIFIER

- P = CERFA PARCEL
- Q = CERFA QUALIFIED PARCEL
- D = CERFA DISQUALIFIED PARCEL
- E = CERFA EXCLUDED PARCEL

PARCEL NUMBER

PARCEL LABELS

1D-HR/PR(P)/X(P)
2D-HR(P)/X(P)
3D-PS/A(P)/L/X(P)
4D-HR/HS/PS/PR(P)/A/L(P)/X(P)/RD
128Q-A(P)/L
191Q-A(P)/L/X(P)
200P
201P
202P

LEGEND

- (PS) PETROLEUM STORAGE
- (HS) HAZARDOUS SUBSTANCES STORAGE
- HR PROBABLE HAZARDOUS RELEASE
- PR PROBABLE PETROLEUM RELEASE
- UXO POTENTIAL UNEXPLODED ORDNANCE
- NPL STUDY AREA
- TCE CONTAMINATED GROUND WATER PLUME (TCE > 10 PPB)
- TCE CONTAMINATED GROUND WATER PLUME (TCE DETECTED)

U.S. ARMY ENVIRONMENTAL CENTER
COMPLIANCE · RESTORATION · PREVENTION · CONSERVATION

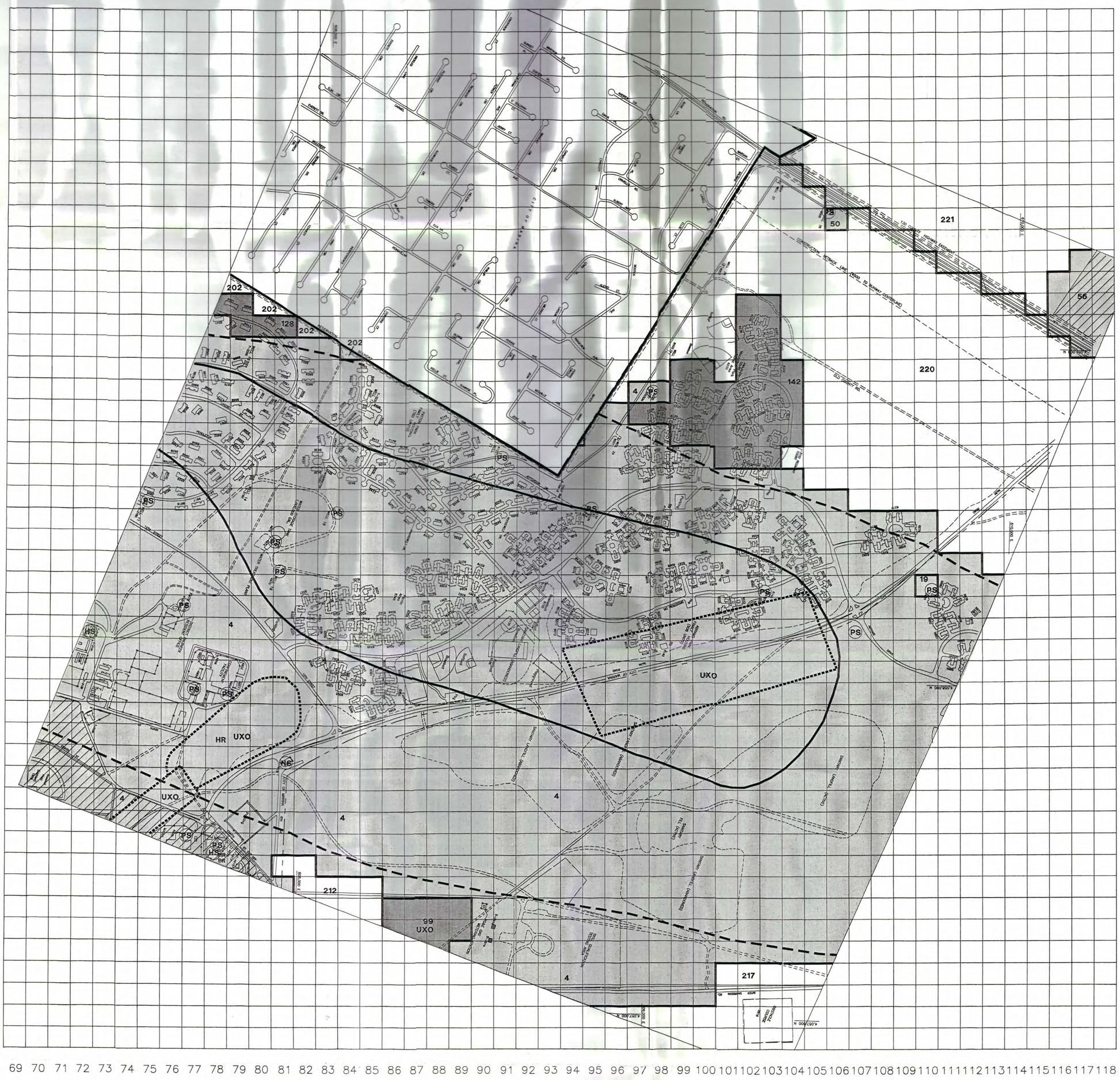
0 2500 FT.

Figure 5–1
Section 5 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR:	SCALE:
USAEC	AS SHOWN
DRAWING NO.	DATE:
67070–014	APR. 1994

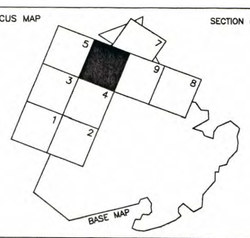
Arthur D Little
Cambridge, Massachusetts

REV. #	REVISION DATE
0	12/01/93
1	3/24/94



LOCUS MAP

SECTION 6



DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- 14 = PARCEL NUMBER
- D = CERFA DISQUALIFIED PARCEL
- PS = PETROLEUM STORAGE

A = ASBESTOS
L = LEAD PAINT
P = PCBs
R = RADON
X = UXO
RD = RADIONUCLIDES
PS = PETROLEUM STORAGE
PR = PETROLEUM RELEASE/DISPOSAL
HS = HAZARDOUS SUBSTANCES STORAGE
HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
(P) = POSSIBLE QUALIFIER

P = CERFA PARCEL
Q = CERFA QUALIFIED PARCEL
D = CERFA DISQUALIFIED PARCEL
E = CERFA EXCLUDED PARCEL

PARCEL NUMBER

PARCEL LABELS

4D-HR/HS/PS/PR(P)/A/L(P)/X(P)/RD
19D-HR/PS
50D-PS
56D-HR/HS/PR/PS/A/L(P)/RD
99Q-X(P)
128Q-A(P)/L
142Q-A(P)
202P
212P
217P
220P
221P

LEGEND

- PS PETROLEUM STORAGE
- HS HAZARDOUS SUBSTANCES STORAGE
- HR PROBABLE HAZARDOUS RELEASE
- PR PROBABLE PETROLEUM RELEASE
- UXO POTENTIAL UNEXPLODED ORDNANCE
- NPL STUDY AREA
- TCE CONTAMINATED GROUND WATER PLUME (TCE > 10 PPB)
- TCE CONTAMINATED GROUND WATER PLUME (TCE DETECTED)

U.S. ARMY ENVIRONMENTAL CENTER
RESTORATION · PREVENTION · CONSERVATION

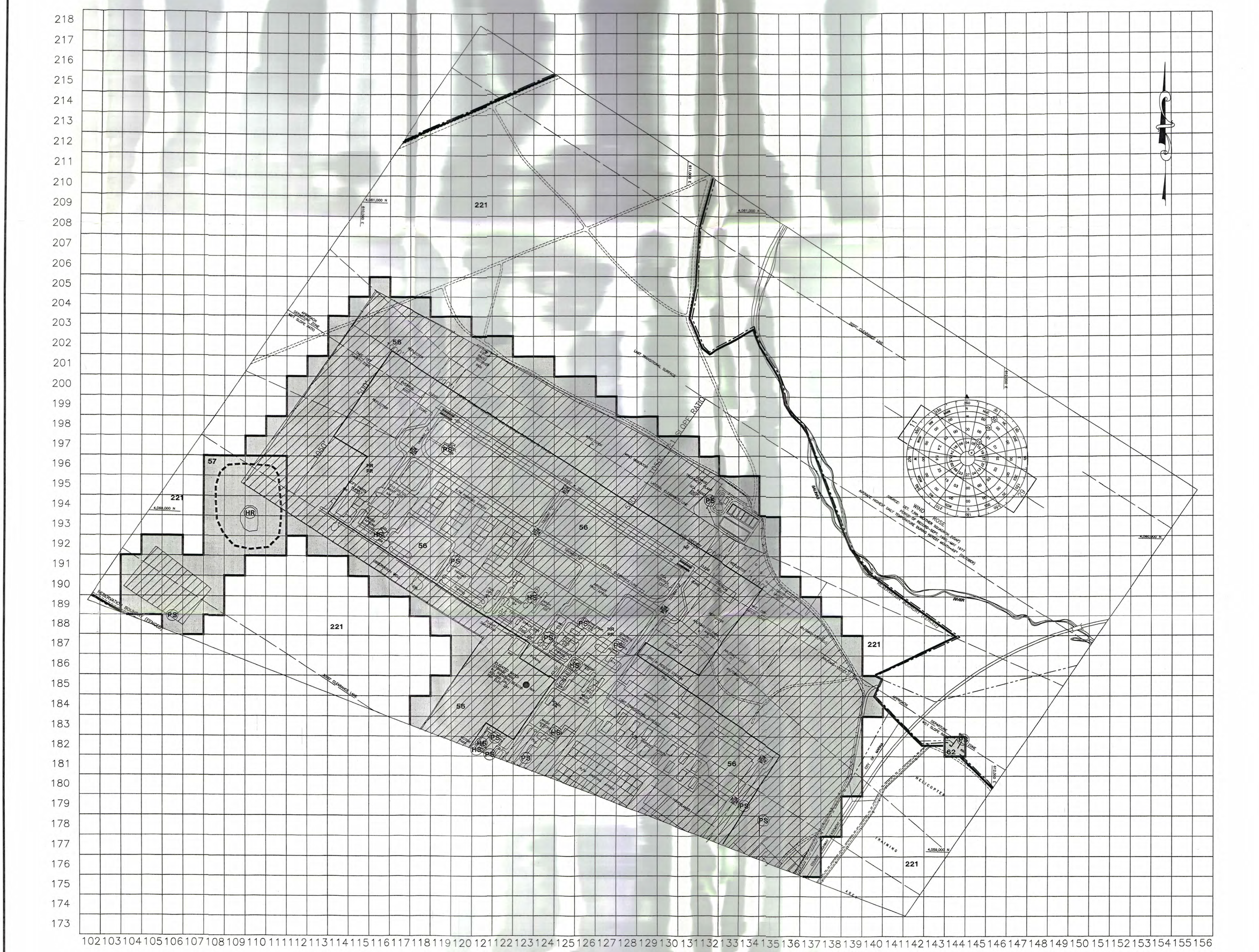
0 2500 FT.

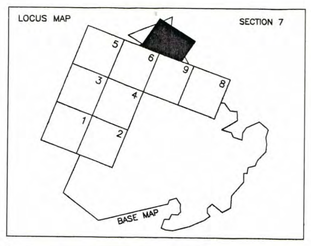
Figure 5-1
Section 6 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR:	SCALE:
USAEC	AS SHOWN
DRAWING NO.	DATE:
67070-015	APR. 1994

Arthur D Little
Cambridge, Massachusetts

REV. #	REVISION DATE
0	12/01/93
1	3/24/94





DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- 14 = PARCEL NUMBER
- D = CERFA DISQUALIFIED PARCEL
- PS = PETROLEUM STORAGE

A = ASBESTOS
L = LEAD PAINT
P = PCBs
R = RADON
X = UXO
RD = RADIONUCLIDES
PS = PETROLEUM STORAGE
PR = PETROLEUM RELEASE/DISPOSAL
HS = HAZARDOUS SUBSTANCES STORAGE
HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
(P) = POSSIBLE QUALIFIER

P = CERFA PARCEL
Q = CERFA QUALIFIED PARCEL
D = CERFA DISQUALIFIED PARCEL
E = CERFA EXCLUDED PARCEL

PARCEL LABELS

56D-HR/HS/PR/PS/A/L(P)/RD
57D-HR/PR/PS
62D-PS
221P

LEGEND

- PS PETROLEUM STORAGE
- HS HAZARDOUS SUBSTANCES STORAGE
- HR PROBABLE HAZARDOUS RELEASE
- PR PROBABLE PETROLEUM RELEASE
- NPL STUDY AREA
- TCE CONTAMINATED GROUND WATER PLUME, OU-1 (TCE DETECTED)

U.S. ARMY ENVIRONMENTAL CENTER
COMPLIANCE · RESTORATION · PREVENTION · CONSERVATION

0 2500 FT.

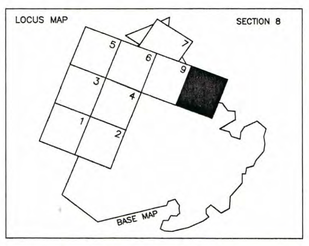
Figure 5-1
Section 7 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR:	SCALE:
USAEC	AS SHOWN
DRAWING NO.	DATE:
67070-016	APR. 1994

Arthur D Little
Cambridge, Massachusetts

REV. #	REVISION DATE
0	12/01/93
1	3/24/94

LOCUS MAP — SECTION 8



DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- 14 = PARCEL NUMBER
- D = CERFA DISQUALIFIED PARCEL
- PS = PETROLEUM STORAGE

A = ASBESTOS
L = LEAD PAINT
P = PCBs
R = RADON
X = UXO
RD = RADIONUCLIDES
PS = PETROLEUM STORAGE
PR = PETROLEUM RELEASE/DISPOSAL
HS = HAZARDOUS SUBSTANCES STORAGE
HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
(P) = POSSIBLE QUALIFIER

P = CERFA PARCEL
Q = CERFA QUALIFIED PARCEL
D = CERFA DISQUALIFIED PARCEL
E = CERFA EXCLUDED PARCEL

PARCEL NUMBER

PARCEL LABELS

65D-PS
67D-HR/HS/PR/PS/A/L(P)/RD
68D-PS/A/L(P)
69D-HR/PR
71D-PS
72Q-RD
75Q-X(P)
101Q-X(P)
120Q-A/L(P)
121Q-A/L(P)
122Q-A/L(P)
123Q-A/L(P)
145Q-A/L(P)
146Q-A/L(P)
147Q-L(P)
148Q-A/L(P)
149Q-A/L(P)
150Q-A/L(P)
175Q-X(P)
222P
223P
225P
226P

LEGEND

- (PS) PETROLEUM STORAGE
- (HS) HAZARDOUS SUBSTANCES STORAGE
- HR PROBABLE HAZARDOUS RELEASE
- PR PROBABLE PETROLEUM RELEASE
- UXO POTENTIAL UNEXPLODED ORDNANCE
- NPL STUDY AREA

U.S. ARMY ENVIRONMENTAL CENTER — COMPLIANCE · RESTORATION · PREVENTION · CONSERVATION

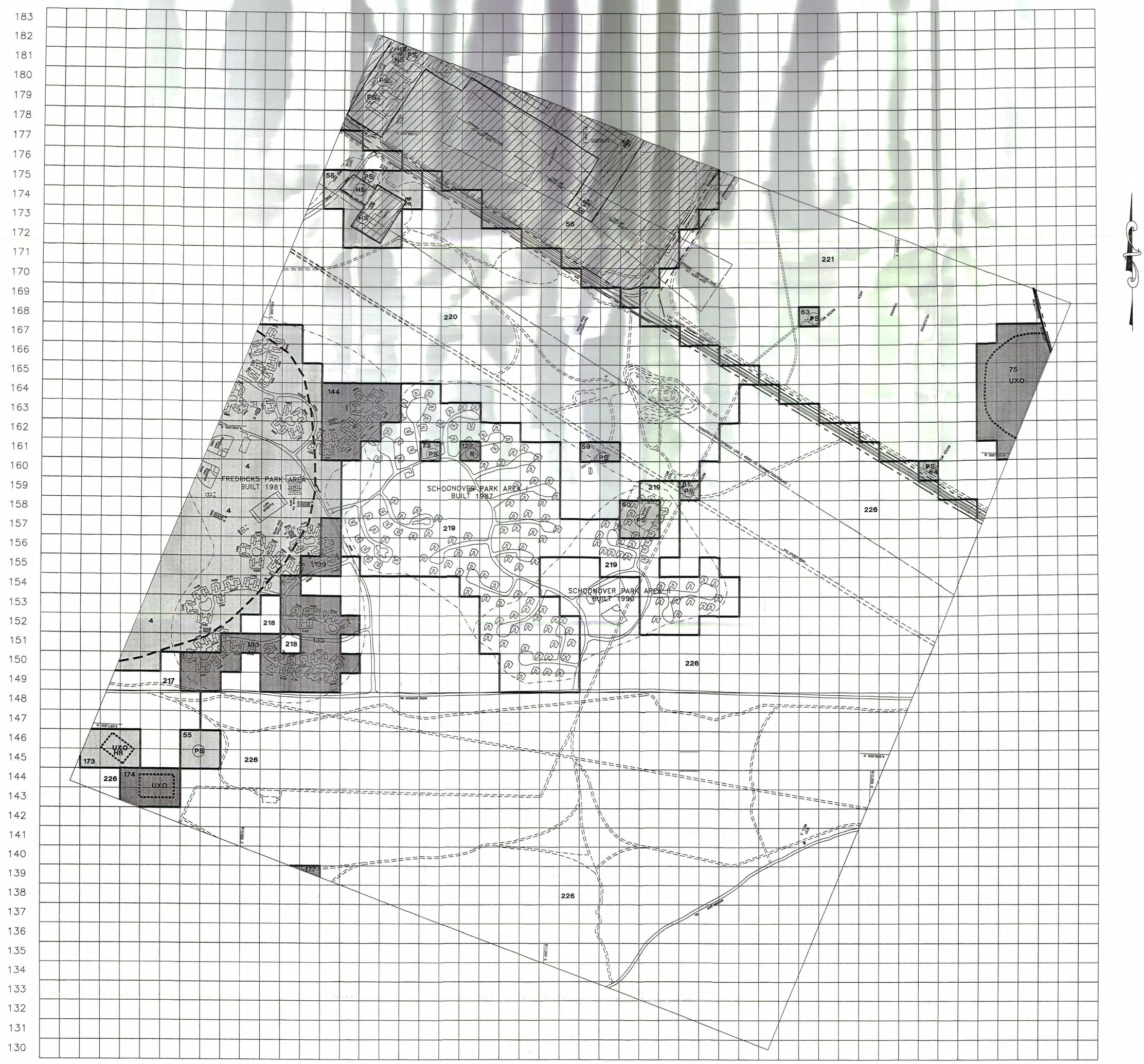
0 2500 FT.

Figure 5-1
Section 8 of 10
Fort Ord, California
CERFA Parcel Designations

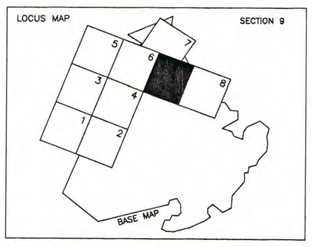
PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO.: 67070-017	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts

REV. #	REVISION DATE
0	12/01/93
1	3/24/94



LOCUS MAP — SECTION 9



DISQUALIFIED AREA

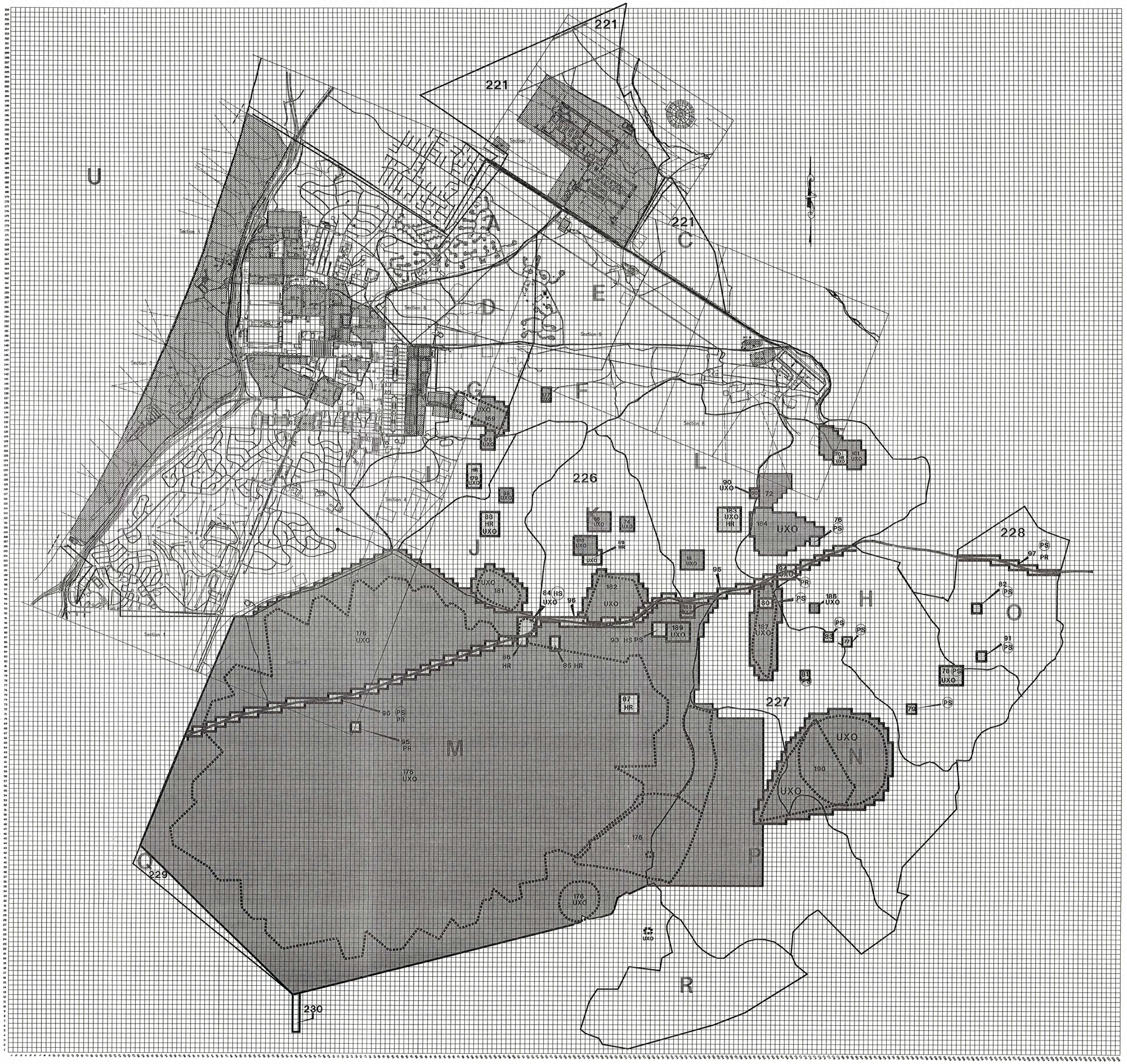
QUALIFIED AREA

CERFA PARCEL

PARCEL LABEL DEFINITIONS

14D-PS

- A = ASBESTOS
- L = LEAD PAINT
- P = PCBs
- R = RADON
- X = UXO
- RD = RADIONUCLIDES
- PS = PETROLEUM STORAGE
- PR = PETROLEUM RELEASE/DISPOSAL
- HS = HAZARDOUS SUBSTANCES STORAGE
- HR = HAZARDOUS SUBSTANCES



LEGEND

HR	POTENTIAL HAZARDOUS SUBSTANCES RELEASE
(HR)	HAZARDOUS SUBSTANCES RELEASE
HS	POTENTIAL HAZARDOUS SUBSTANCES STORAGE
(HS)	HAZARDOUS SUBSTANCES STORAGE
PS	POTENTIAL PETROLEUM STORAGE
(PS)	PETROLEUM STORAGE
PR	POTENTIAL PETROLEUM RELEASE
(PR)	PETROLEUM RELEASE
UXO	POTENTIAL UNEXPLODED ORDNANCE
	PIPELINE
	NPL STUDY AREA

PARCEL LABELS

18Q–X(P)
66Q–X(P)
70D–HR(P)/X(P)
72Q–RD
74Q–X(P)
76D–PS
77D–PS
78D–PS/X(P)
79D–PS
80D–PS/X(P)
81D–PS
82D–PS
83D–PS
84D–HS/PR(P)/PS/X(P)
85D–HR(P)/X(P)
86D–HR(P)/X(P)
87D–HR(P)/X(P)
88D–HR(P)/X(P)
89D–HR(P)/X(P)
90Q–X(P)
91D–PS
93D–HS(P)/PS
94D–PR/PS/X(P)
95D–PR(P)/X(P)
96D–PR(P)/PS/X(P)
97D–PR(P)/PS
98Q–X(P)
101Q–X(P)
169Q–X(P)
176Q–X(P)
177Q–X(P)
178Q–X(P)
179D–HR(P)/X(P)/RD
180Q–X(P)
181Q–X(P)
182Q–X(P)
183D–HR(P)/X(P)
184D–HR(P)/X(P)/RD
186Q–X(P)
187Q–X(P)
188Q–X(P)
189Q–X(P)
190Q–X(P)
221P
226P
227P
228P
229P
230P

PARCEL LABEL DEFINITIONS

14D-PS

- A = ASBESTOS
- L = LEAD PAINT
- P = PCBs
- R = RADON
- X = UXO
- RD = RADIONUCLIDES
- PS = PETROLEUM STORAGE
- PR = PETROLEUM RELEASE/DISPOSAL
- HS = HAZARDOUS SUBSTANCES STORAGE
- HR = HAZARDOUS SUBSTANCES RELEASE/DISPOSAL
- (P) = POSSIBLE QUALIFIER

- P = CERFA PARCEL
- Q = CERFA QUALIFIED PARCEL
- D = CERFA DISQUALIFIED PARCEL
- E = CERFA EXCLUDED PARCEL

PARCEL NUMBER

DISQUALIFIED AREA

QUALIFIED AREA

CERFA PARCEL

SCALE

0 5000 (ft)

U.S. ARMY ENVIRONMENTAL CENTER

Figure 5–1
Section 10 of 10
Fort Ord, California
Base Map

Prepared For: USAEC	Scale: AS SHOWN
Drawing No: 67070–003	Date: APR. 1994

Arthur D Little
Cambridge, Massachusetts

TRACT REGISTER

TRACT NO.	LAND OWNER	ACREAGE FEE	ACREAGE LEA	ACREAGE EASMT	ACREAGE LIC.	ACREAGE PER.	REMARKS
122 P-7	State of California, Div of Hwy					No Area	Ench Permit 112-366 for 2" water line.
122 P-8	" " " "					" "	" " " " for 8" water line.
123	Margaret A. Jacks, et al	0.96					Access Road 40 feet in width, by (D/T Civ. No 22049-G) dtd 4 Feb 43.
124 P	State of California, Div of Hwy					No Area	Ench Permit SFRE 451 for 60"-Reg CMP conduit encasing a 42" conc storm drain from 27 Aug 52
125 P	" " " "					" "	Ench Permit SFRE 451 for 54"-IOga CMP conduit encasing a 30" conc sewerline from 27 Aug 52
126 P	Southern Pacific Railroad Company					" "	Permit SFRE 447 for 60" sewer line from 20 Jan 53.
127 P	" " " "					" "	Permit SFRE 447 for 54" sewer line from 20 Jan 53.
128 P	" " " "					" "	Permit SFRE 650 for 60" conduit encasing a 42" conc. storm drain from 9 Oct 53.
130 P	Monterey County Road Dept					No Area	Ench Permit (112-534) for water main from 15 Aug 73.
131 P	" " " "					" "	Ench Permit (112-534) for overhead power line from 15 Aug 73.
132 P	State of California Dept. of Transportation					" "	Ench Permit (112-535) for portable buildings and driveways from 20 Nov 73.
133 P	County of Monterey County Road Department					No Area	Ench Permit No. 3267 for communication line from 1 Aug 1963.
134 P-1	State of California Dept. of Public Works					No Area	Ench Permit No 59786 for flashers from 07 Nov 41
134 P-2	" " " "					" "	" " " " " " " "
134 P-3	" " " "					" "	Ench. Permit No. 59786 for Traffic Signals from 07 Nov 41
134 P-4	" " " "					" "	" " " " " " " "
136	Wilma S. Merrill & Merrill Farms	24.95					Deed dtd 07 July 77
137 L	Southern Pacific Transportation Co				No Area		Lic (112-628) dtd 29 Apr 77 for 20" Underground Sewer Line
139-1	County of Monterey, a political subdivision	20.805					Deed dtd 10 Aug 82
139-2	" " " "	14.48					" " " "

Del Auth (122 P-7, 122 P-8)
Del Auth (123 through 134 P-4)
RE-D 8082A 29 Apr 77 (136)
Gen Auth 29 Apr 77 (137 L)
RE-D 8312 19 NOV 81 (139-1, 139-2)

TRACT REGISTER

TRACT NO	LAND OWNER	ACREAGE FEE	LEASED	EASEM'T	LICENSE	PERMIT	REMARKS
114-E	Thomas M. Merrill, et al			0.70			Perp Easm't and R/W for sanitary sewer line from 27 Jun 62 Formerly known as Tr "S" held under Lease No W-668-qm-615
115	Joel D. Warrington, et ux	0.14					Deed dtd 14 Nov 63 *
115-E	" " " " " "			0.15			Perp Easm't for 20' Access Rd R/W from 14 Nov 63. *
116	Cornelia P. Thomas, et al	0.27					Dred dtd 17 Jan 64. **
116-E	" " " " " "			0.44			Perp Easm't for 20' Access Rd R/W from 17 Jan 64 **
RE-D 7573 dtd 21 Sep 62 — 116-E-2	" " " "			0.03			Perp Easm't for 6' undgr Elect & Comm Cable R/W from 17 Jan 64. Formerly known as Tr 118-E. **
117-L	County of Monterey				0.03		Lic (118-1353) for 10' undgr Comm Cable Line R/W dtd 21 Jan 63
119-E	Southern Pacific Company		No Area				Easm't for undr Sewer pipe line R/W from 21 Feb 64
120-L	County of Monterey				No Area		Lic (112-166) for Temp Aerial Cable Crossing dtd 2 Jul 64
121-P	County of Monterey					No Area	Ench Permit 3865 dtd 13 Apr 64 for access road approach.
122 P-1	State of California, Div. of Hwys					" "	Ench Permit 2+366 dtd 1 Nov 1967 for 8" water line.
122 P-2	" " " " " "					" "	" " " " for 4"ACD, 4" gasline & 24" san. sewer line
122 P-3	" " " " " "					" "	" " " " for 2" water line.
122 P-4	" " " " " "					" "	" " " " for 1 1/4" gas line.
122 P-5	" " " " " "					" "	" " " " for 4" water line.
122 P-6	" " " " " "					" "	" " " " for 3/4" water line.

RE-D 7492 dtd 16 Aug 61 (114-E)
RE-D 7573 dtd 21 Sep 62 (116-E-2)
Del Auth (122 P-1 through 122 P-6)

TRACT REGISTER OF ACQUISITION AFTER 1 JULY 1940

TRACT NO	LAND OWNER	ACREAGE FEE	LEASED	EASEM'T	LICENSE	PERMIT	REMARKS
A	Lee L. Jacks, et al.	3,777.38					Deed Dated 10-02-40
B	County of Monterey	276.90					Donation.
C	T. A. Work and Maud E. Work	2,05 4.62					Deed dated 1-06-41. Acreage corrected from 2,079.19 to 2,054.62 to reflect acq. deed.
D	T. A. Work and Maud E. Work	2.48					Donation.
E	Southern Pacific R.R. Co. and Southern Pacific Company					0.30	Agreement W04-193-Eng-3423, dated 10-8-43 for Driveway R/W.
F	Southern Pacific R.R. Co. and Southern Pacific Company				No Area		License W868-Eng-4275, dated 4-3-42 for Overhead Power Line Crossing.
G	Southern Pacific Company and Southern Pacific R.R. Co.					0.07	License W04-193-Eng.-5326, dated 11-29-44 for Road Crossing.
H	Southern Pacific Company				No Area		License W 70 34 qm-184, dated 10-29-41 for 5 Road Crossings within Reservation.
I	Southern Pacific R.R. Co. and Southern Pacific Company				No Area		License W868-Eng 4403, dated 2-7-42 for Underground T. or T. Crossing.
K	State of California					No Area	Encroachment Permit No. A-50033, dated 3-8-43 for Spur Track Crossing.
L	Southern Pacific Company				No Area		License, dated 8-29-40 for 24" Sewer Line.
M	Southern Pacific Company				No Area		License, W868-Eng-4210, dated 1-30-40 for 24 Sewer Line.
O	Southern Pacific R.R. Co. and Southern Pacific Company				0.09		License W 3460-Eng-555, dated 9-30-42 for Road Crossing.
P	Southern Pacific Company					No Area	Agreement W6665-qm-107, dated 2-25-41 for 2-36" Drainage Pipe Lines.
Q	Southern Pacific Company					No Area	Permit, dated 5-12-41 for 6" Water Line.
R	Southern Pacific R.R. Co. and Southern Pacific Company					No Area	Agreement W04-193. Eng.-2402, dated 5-1-43 for Underground T. or T. Crossing.
S	Thomas M. Merrill, et al			0.70			Formerly Lease W-668-qm-615, is now Tract 114-E as of 27 Jun 62
T	Southern Pacific Company		0.04				△ Lease SFRE 302 formerly covered by Lease W04-193-Eng-5270 for Passenger Shelter as amended by S/A No.1 dtd 20 Apr 1965. Terminated 30 Jun 1972.
U	State of California					No Area	Encroachment Permit No A-50826, dated 8-17-43 for Pipe Crossing.
X	Southern Pacific R.R. Co. and Southern Pacific Company					No Area	Permit W 868-Eng-4340, dated 3-10-42 for underground Telegram or Telephone Crossing.
Y	State of California					No Area	Encroachment Permit No. A-5117, dated 3-29-44 for Pipe Crossing.
Z	State of California					No Area	Encroachment Permit No. A-50338, dated 7-31-42 for Passenger Shelter.
AA	Southern Pacific Company		No Area				Leased Permit W 7034-qm-158 for Pole Line R/W.
1	James T. Panziera, et al,	241.49					D/T filed 1-06-42, formerly shown as Tract 1 Area 2, C.A. No. 22049-G, Final Judgement 8-12-43.
2	William M. Black Jr., et al.	402.57					D/T filed 1-06-42, formerly shown as Tract 2 Area 2, C.A. No. 22049-G, Final Judgement 8-12-43.
3	Charles Walter Bardin	405.63					D/T filed 1-06-42, formerly shown as Tract 3 Area 2, C.A. No. 22049-G, Final Judgement 8-12-43.
4	William L. Roberts	257.37					D/T filed 1-06-42, formerly shown as Tract 4 Area 2, C.A. No. 22049-G, Final Judgement 8-12-43; Amendment to Final Judgement 12-17-43
5	Jesse L. Payne and Anna M. Payne	78.61					D/T filed 1-06-42, formerly shown as Tract 5 Area 2, C.A. No. 22049-G, Final Judgement 8-12-43.
6	Oliver P. Bardin and Ada May Bardin	380.60					D/T filed 1-06-42, formerly shown as Tract 6 Area 2, C.A. No. 22049-G, Final Judgement 8-12-43.
7	Benjamin Rush Bingaman	1,687.74					D/T filed 1-06-42, formerly shown as Tract I Area 3 and 6, C.A. No. 22049-G, Final Judgement 11-05-43.
8	Margaret A. Jacks, et al.	602.08					D/T filed 1-06-42, formerly shown as Tract 2 Area 3 and 6, C.A. No. 22049-G, Final Judgement 5-02-44.
9	Luisa Guidotti, et al.	2,036.39					D/T filed 1-06-42, formerly shown as Tract 3 Area 3 and 6, C.A. No. 22049-G, Final Judgement 9-16-43.
10	Maria Antonia Field	563.19					Declaration of Taking, formerly shown as Tract 1 Area 7 in D/T Case No 22049.
11	Stephen Joseph Field		1,018.02				Declaration of Taking formerly shown as Tract 2 Area 7 in D/T Case No 22049 Revested in former Owner 4-4-44.
112-E	Southern Pacific Company				No Area		Agreement 113-1399, dated 2-19-58 for a 66" Storm Drain Pipe.
113-P	Pacific Gas and Electric Company					No Area	Permit 113-1410, dated 7-25-58 for PG&E 8 4KV. Power Poles.

Del Auth (112-E, 113-P)

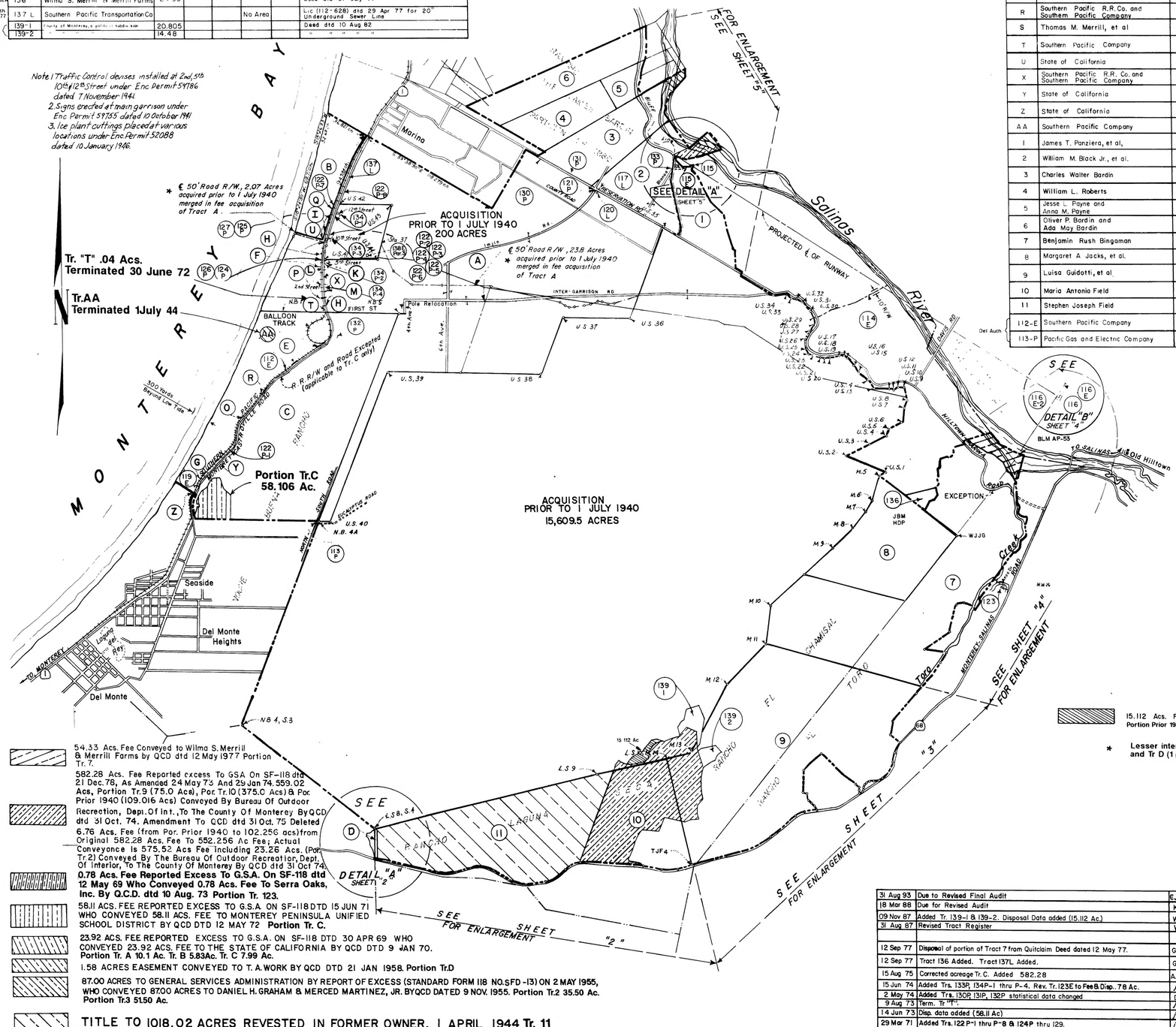
† Fritzsche Army Air Fd & Middle Marker Annex
†† Fritzsche Army Airfield Outer Marker Annex
△ Amended by S/A No. and 20 Apr 67 for series 1 Jul 67 thru 30 Jun 72

GENERAL NOTES
Bearings are based on the recorded east bearings of the Border Portion of 1880, Surveyed in June and July 1942 by the San Francisco District Engineer, affecting Tracts I to 11, inc.
Railroad Track is a portion of operating agreement with Southern Pacific Company, formerly known as Tract L
Tracts Nos. U, N, V, and W were not used
Railroad Right of Way excepted from Reservation in Tract C only
See details on sheets 2 to 5 for areas covering Tracts I to 11.
26.45 Acres of 28.03 Acres (Easement R/W) acquired prior to 1 July 40, merged in Fee Acquisition of Tracts A & D.

The Tracts listed above are subject to the following encumbrances
Tract A, Right of Way for a 40 ft county road now state highway, and subsequently widened to 50 ft. across the westerly portion, also 40 ft. right of way for county road, subsequently widened to 50 ft. across the northerly portion as cited in deeds of record.
Right of Way of Southern Pacific Railroad, 100 feet wide.

Tract C, Easement for existing roads and rights of way including a 20 ft R/W as granted to Mary Winn
Right of Way for Public Utilities as cited in deeds of record
Tract D, Right of Way of Salinas-Monterey Highway.
Parcel 4 Oil and Gas lease as cited in deed of record

Tract No 1, Right of Way of the Monterey - Blanco Road,
Right of Way for Transmission Lines as granted to the Pacific Gas and Electric Co.
Tract No 2, Right of Way of the Monterey-Blanco Road,
Right of Way for Public Utilities as cited in deeds of record
Easement and Right of Way for road purposes as cited in deed of record.
Tract No 3, Easement and Right of Way for road purposes as cited in deed of record
Tract No 4, Right of Way for Public Utilities as cited in deed of record
Tracts No 5 & 6, Right of Way for Public Utilities as cited in deeds of record
Easement and Right of Way for road purposes as cited in deeds of record
Tract No 7, Right of Way for oil pipe line, telegraph and telephone lines as conveyed to the Coalinga Oil Transportation Co., as cited in deed of record.
Right of Way for road purposes as granted to Will Jacks.
Right of Way for road and utilities purposes over the northerly corner of the land as conveyed to T.B. Merrill as cited in deed of record
Right of Way for public utilities as granted to the Pacific Gas and Electric Co.
Tract No 9, Right of Way for Telephone lines as granted to the Pacific Telephone and Telegraph Co.
Tract No 10, Pole line right of way along the northerly side of the Monterey-Salinas road as conveyed to the Pacific Telephone and Telegraph Co.



REVISIONS	DATE	BY
31 Aug 93	Due to Revised Final Audit	C.L. "D"
18 Mar 88	Due for Revised Audit	KLA
09 Nov 87	Added Tr. 139-1 & 139-2. Disposal Data added (15.112 Ac.)	WMD
31 Aug 87	Revised Tract Register	WMD
12 Sep 77	Disposal of portion of Tract 7 from Quitclaim Deed dated 12 May 77.	G.A.R.
12 Sep 77	Tract 136 Added. Tract 137L Added.	G.A.R.
15 Aug 75	Corrected acreage Tr. C. Added 582.28	A.L.C.
15 Jun 74	Added Trs. 133P, 134P-1 thru P-4. Rev. Tr. 123E to Fee & Disp.. 78 Ac.	jeh
2 May 74	Added Trs. 130P, 131P, 132P statistical data changed	D.R.L.
9 Aug 73	Term. Tr "T".	jeh
14 Jun 73	Disp. data added (58.11 Ac)	jeh
29 Mar 71	Added Trs. 122 P-1 thru P-8 & 124P thru 129.	jeh
DATE	REVISIONS	BY
2 Oct 68	Add Tr 123 E, statistical data changed	
22 Nov 66	Added 116E, 116E-2, 117L, 119E, 120L & 121P	
20 Jan 64	Added Remarks to Trs 115E & 115	D.A.B.
14 Dec 62	Added Trs [illegible] RE-D 7573	D.A.B.
17 May 62	Changed Fee Tract No. 114 to Easm't Tract No. 114-E	D.A.B.
9 Oct 61	Changed Leased Tract No S to Fee Tract No. 114 and General Revisions	D.A.B.
2-2-59	Added Tracts 112-E and 113-P Disposal Data added. Tract Register Redrafted.	S.L.
19 Jan 59	Disposal portion tracts 2 & 3 added.	H.B.
DATE	REVISIONS	BY

FINAL PROJECT MAP

DEPT. OF THE ARMY
USING SERVICE 6TH U.S. ARMY
STATE CALIFORNIA
COUNTY MONTEREY
DIVISION SOUTH PACIFIC
DISTRICT SACRAMENTO
SIXTH ARMY AREA

LOCATION OF PROJECT

6 MILES S.W. OF SALINAS
10 MILES E. OF MONTEREY

TRANSPORTATION FACILITIES

RAILROADS SOUTHERN PACIFIC
STATE ROADS RTE 1
FEDERAL ROADS 101
AIRLINES

ACQUISITION

TOTAL ACRES ACQUIRED	29,686.06
ACRES FEE PRIOR 1 JUL. 40	15,809.50
ACRES LESSER INT. PRIOR 1 JUL 40	28.03
ACRES FEE AFTER 1 JUL '40	12,828.66
ACRES LEASED AFTER 1 JUL '40 - 1 Tr.	No Area
2 Tr.	1018.06
AC. LES. INT. AFTER 1 JULY '40 - 29 Per.	No Area
7 Licenses	No Area
3 Licenses	0.19
2 Agreement	No Area
1 Agreement	0.30
2 Easem't	No Area
4 Easem't	1.32

DISPOSAL

TOTAL ACRES DISPOSED OF	1930.30
ACRES SOLD BY WAR DEPT.	EASEM'T(I) 1.58
ACRES TRANSFERRED	
ACRES RETRANSF'D TO GOVT. AGCY	
ACRES LEASES TERMINATED	3 Tract 1018.06; 2 Tract No Area
ACRES LESSER INT'S MERGED	26.45
ACRES TO GSA, Fee	814.77
ACRES FEE	69.44

LEGEND

NOTE: USE SYMBOLS FROM FM-21-30 (WAR DEPT BASIC FIELD MANUAL) PAGES 21 TO 27 INCL.

EXCEPT
RESERVATION LINE
RESERVATION LINE (Actual Survey)
DAM SITE (Taking Line) — D
RESERVOIR SITE (Taking Line) — R
CONTOUR LINES — 470
AVIGATION EASEMENTS
TRACT NUMBER — 99

ACQUISITION AUTHORIZATION

ORIGINAL ACQUISITION PRIOR	1 JUL 40		
TOTAL ACRES ACQUIRED	15,837.53		
ACRES FEE	15,809.50		
ACRES LESSER INTERESTS	28.03		
RE-D Unnumbered	Dated	20 May 40	
RE-D Unnumbered	Dated	19 Oct. 40	
RE-D Unnumbered	Dated	5 Nov. 40	
RE-D Unnumbered	Dated	16 Nov. 40	
RE-D Unnumbered	Dated	21 Dec. 40	
RE-D 942	Dated	11 May 42	
RE-D 942A	Dated	20 Jan. 43	
RE-D 2948	Dated	27 Mar. 44	
RE-D 4149 (Gen.)	Dated	12 Oct. 44	
RE-D 7492	Dated	16 Aug. 61	
RE-D 7573	Dated	21 Sep 62	
RE-D 8082A	Dated	14 Nov 75	
GEN AUTH	Dated	29 Apr. 77	
RE-D 8312	Dated	19 Nov 81	
RE-D	Dated	27 Aug 52	

REVISIONS	DATE	BY
	4 Aug 52 Tracts U&Y added	G.E.L.
	12 Apr 49 Added Tr. L	T.W.
	3 Sep 48 Revised to conform to O.C.E. requirements.	E.W.
	19 Mar 48 Due to Final Audit.	T.C.T.

DEPARTMENT OF THE ARMY
OFFICE OF THE DIVISION ENGINEER
SOUTH PACIFIC DIVISION

DRAWN BY: T.W.
TRACED BY: T.C.T.
CHECKED BY: T.W.
SUBMITTED BY: Tim Wong
CHIEF, CADASTRAL SEC.
RECOMMENDED BY: GE Rogers
CHIEF, STATISTICAL BRANCH

REAL ESTATE
FORT ORD
FRITZSCHE ARMY AIRFIELD MIDDLE MARKER ANNEX
FRITZSCHE ARMY AIRFIELD OUTER MARKER ANNEX
(MILITARY RESERVATION)

APPROVED BY: John M. Keller, DIVISION REAL ESTATE OFFICER
DATE: 27 Apr. 48

OFFICE, CHIEF OF ENGINEERS, WASHINGTON, D.C.
AUDITED
INSTALLATION OR PROJECT NO 511

SCALE IN FEET: 0 1320 2640 5280 7920
SHEET 1 OF 5 | DRAWING NO. FB-169

REVISION OF OCT 31 WILL BE USED

FAO FORM 1458 A, Oct 81

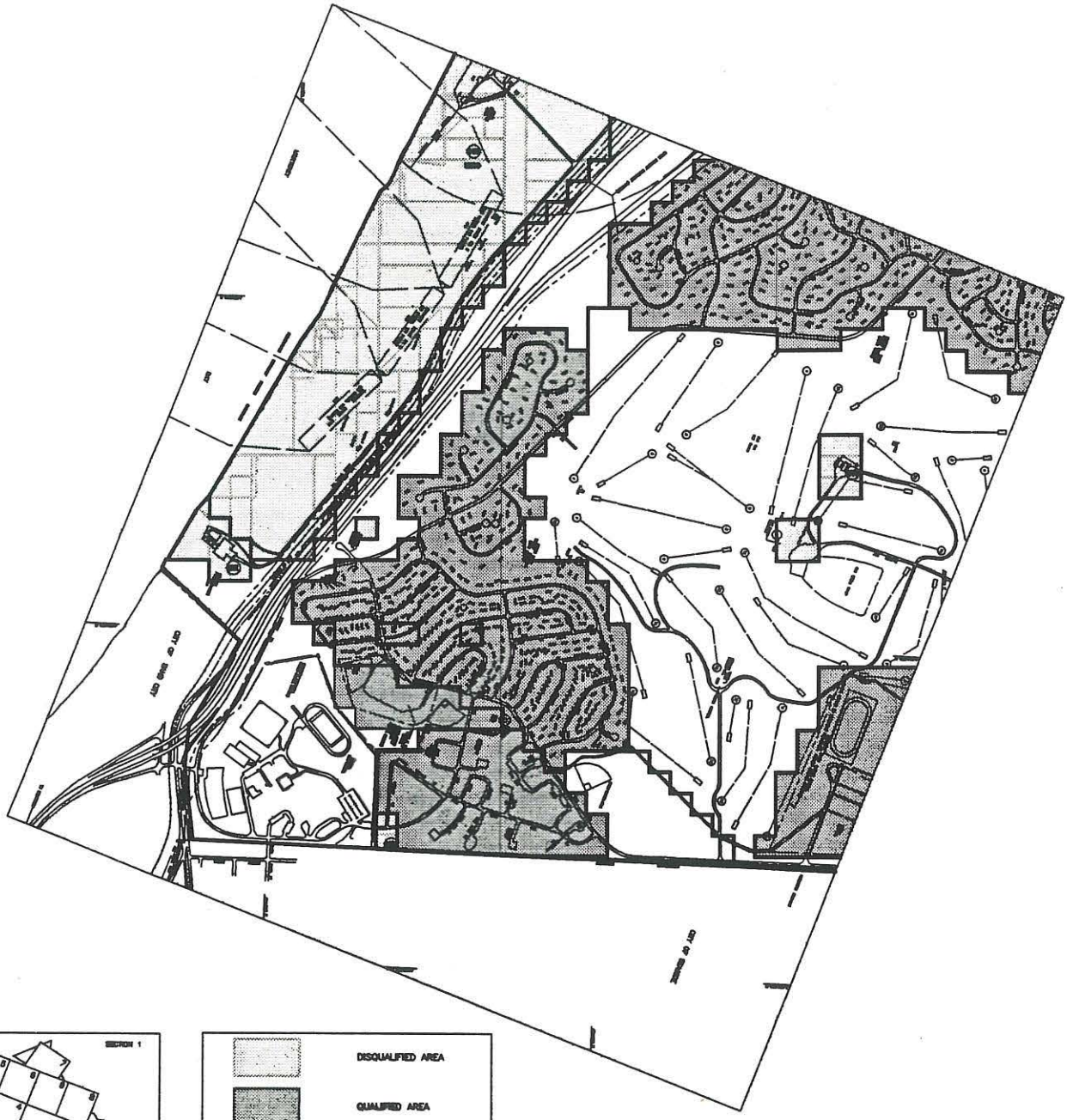
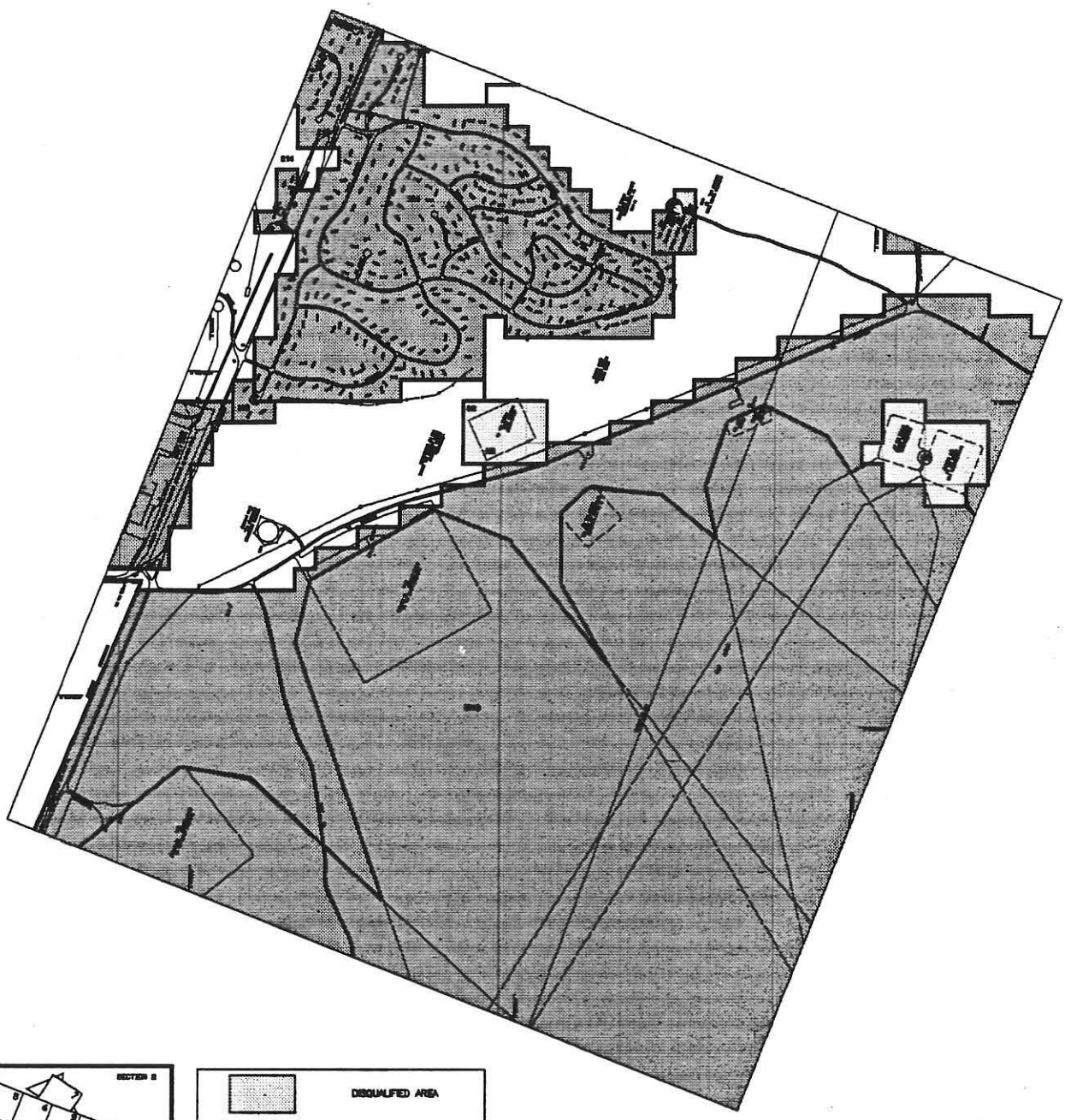
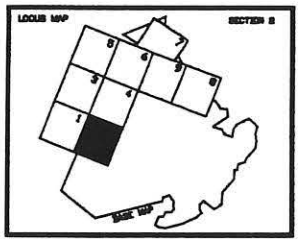


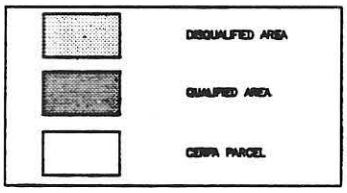
Figure 5-3
Section 1 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO.: ORDA1	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts





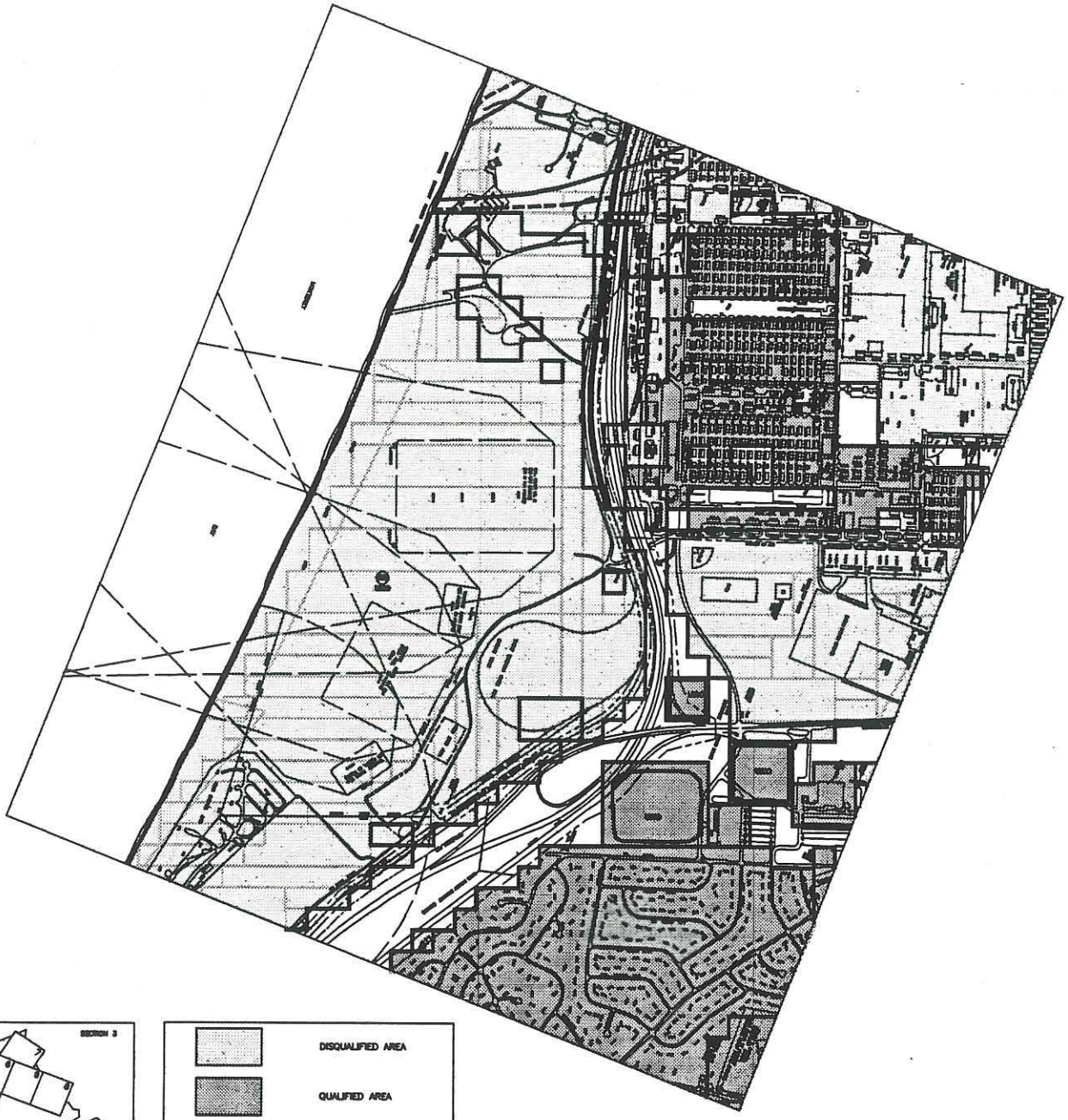


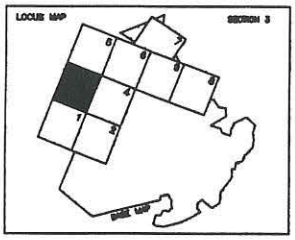
0 2500 FT.

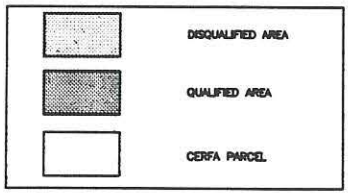
Figure 5-3
Section 2 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO.: ORDA2	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts





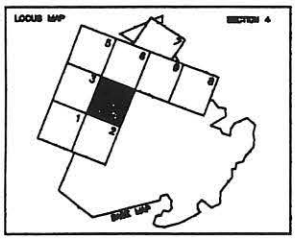


0 2500 FT.

Figure 5-3
Section 3 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO.: ORDA3	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts



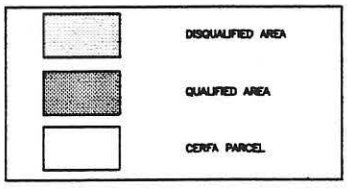
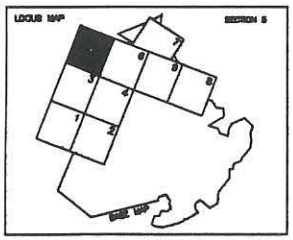


Figure 5-3
Section 4 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO.: ORDA4	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts



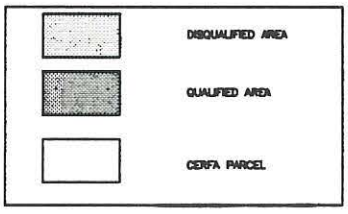


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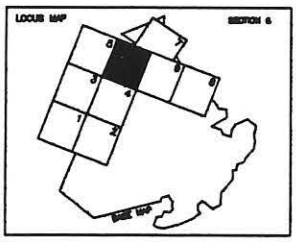
Figure 5-3
Section 5 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR:	SCALE:
USAEC	AS SHOWN
DRAWING NO.	DATE
ORDA5	APR. 1994

Arthur D Little
Cambridge, Massachusetts



DISQUALIFIED AREA

QUALIFIED AREA

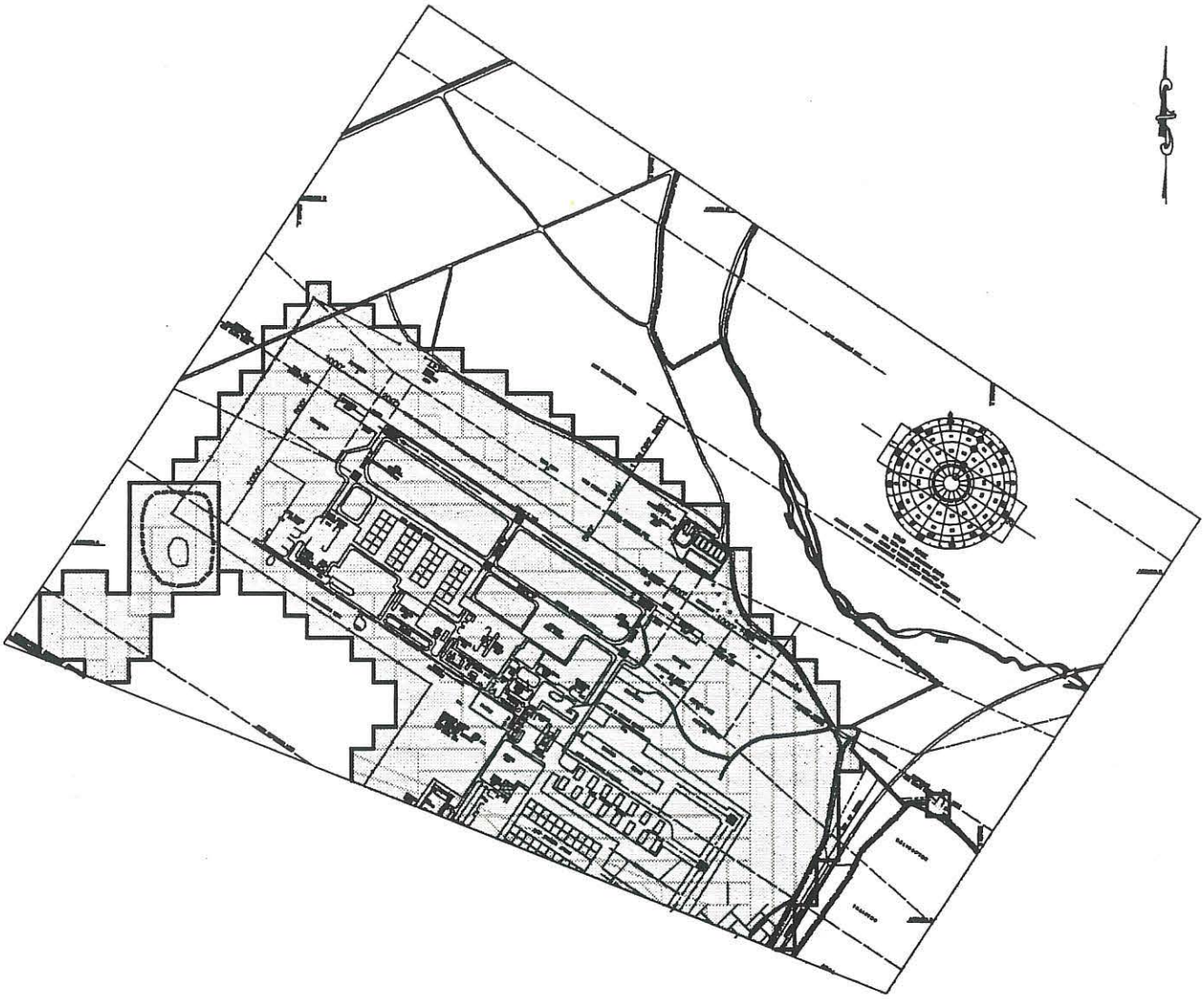
CERFA PARCEL

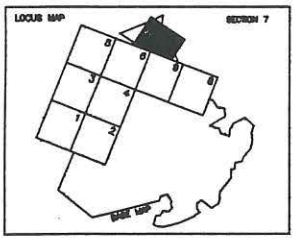
0 2500 FT.

Figure 5-3
Section 6 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO. ORDA6	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts





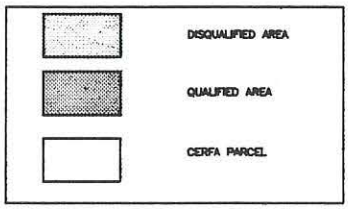
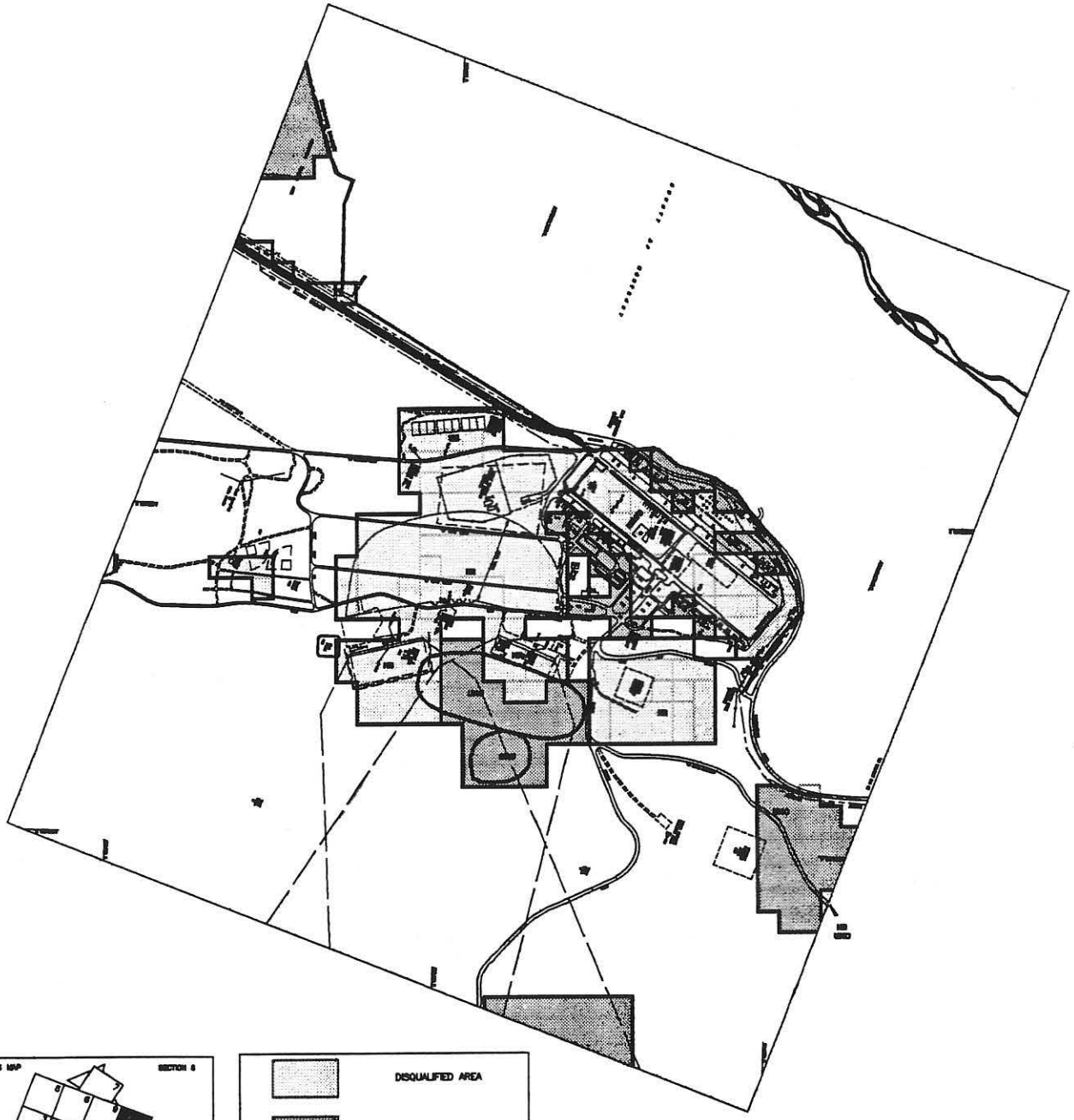
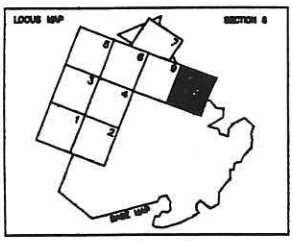


Figure 5-3
Section 7 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO.: ORDA7	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts





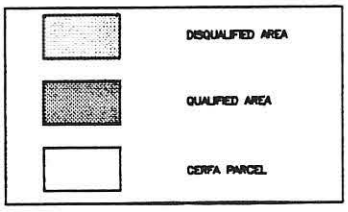


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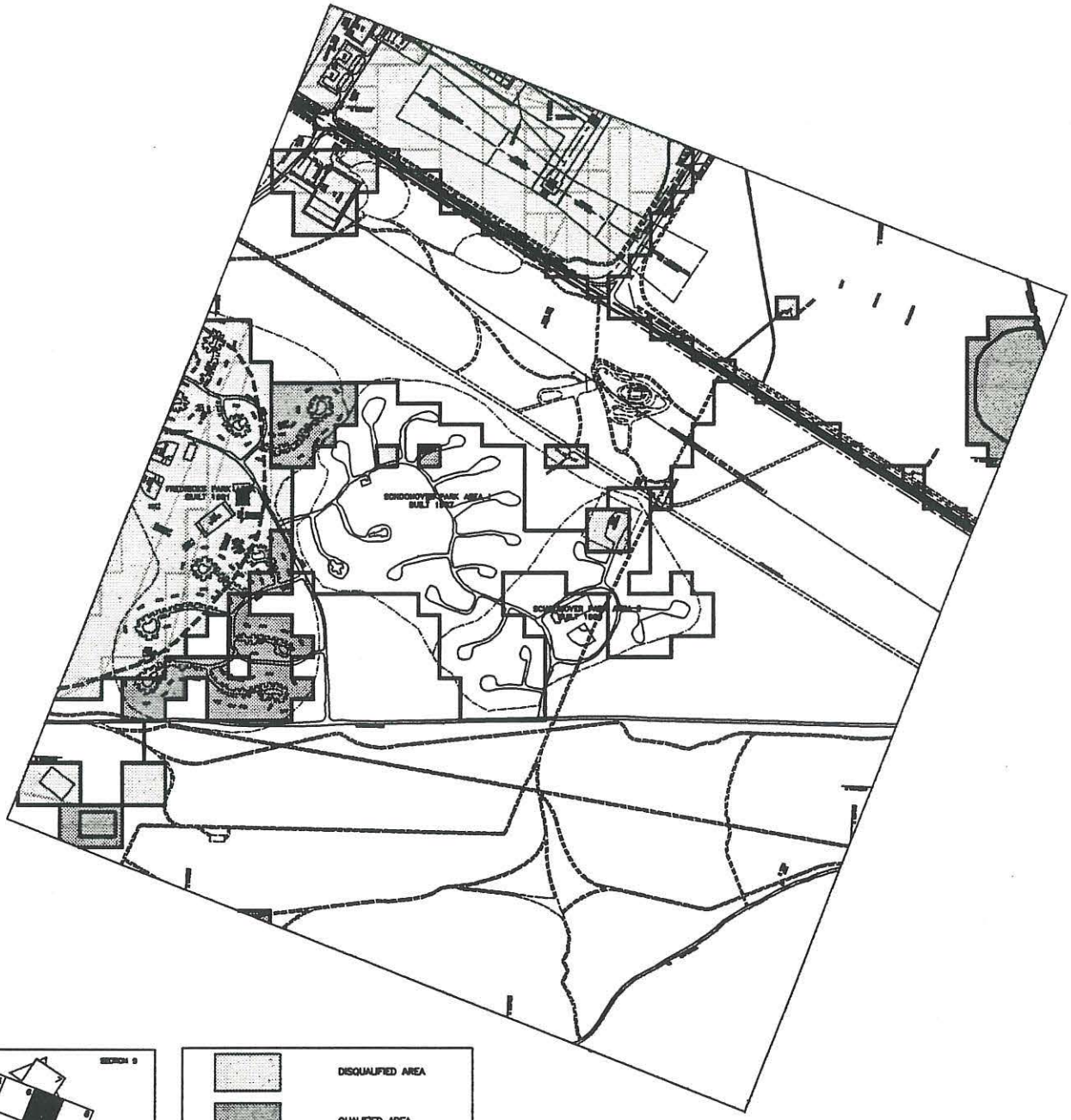
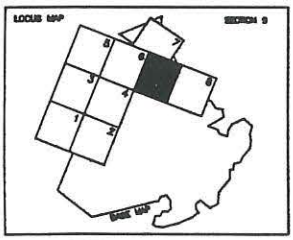
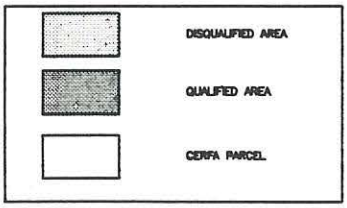
Figure 5-3
Section 8 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO. ORDA8	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts







0 2500 FT.

Figure 5–3
Section 9 of 10
Fort Ord, California
CERFA Parcel Designations

PREPARED FOR: USAEC	SCALE: AS SHOWN
DRAWING NO.: ORDA9	DATE: APR. 1994

Arthur D Little
Cambridge, Massachusetts

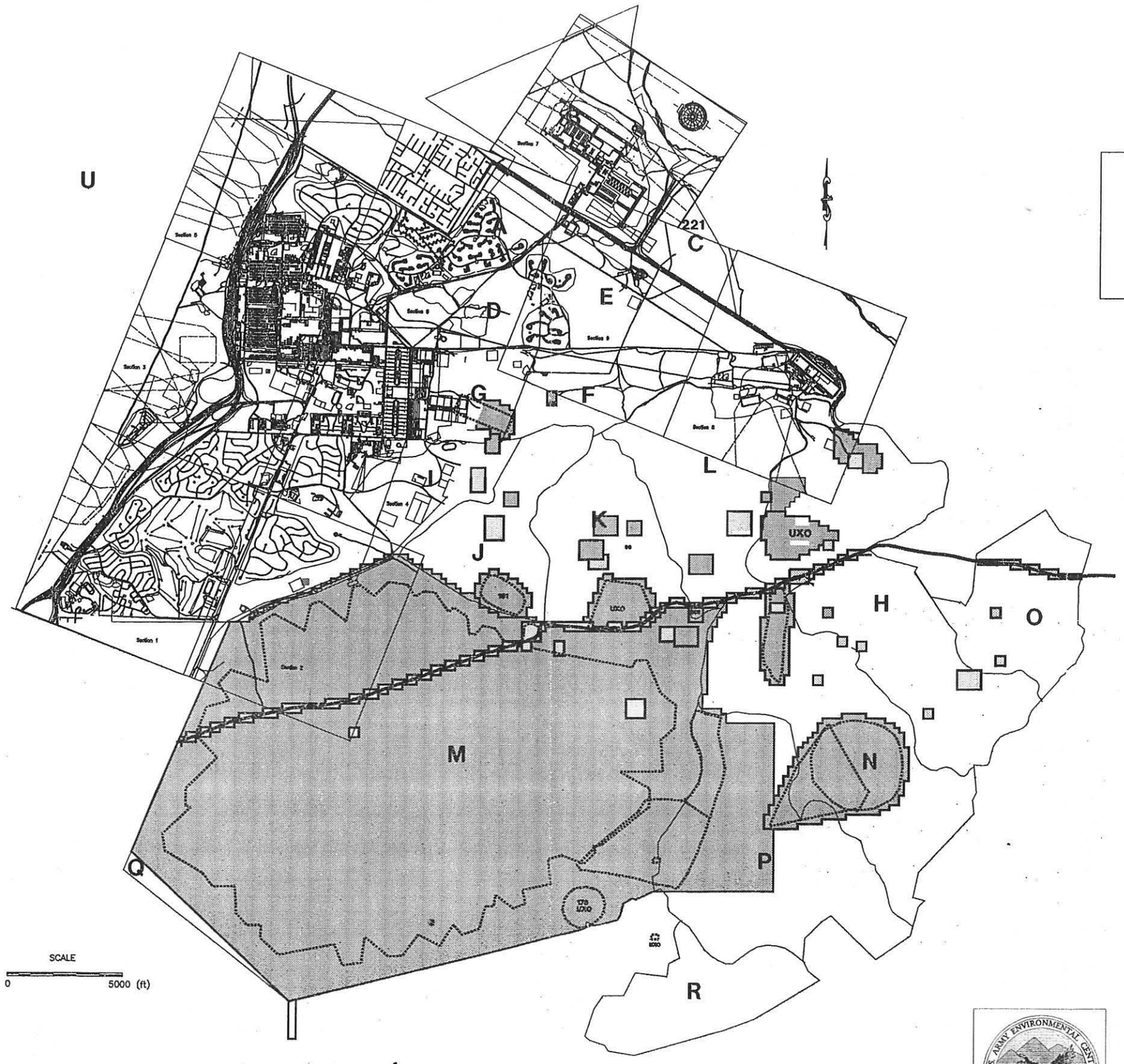


Figure 5-3
Section 10 of 10
Fort Ord, California
Base Map

Prepared For:	USAEC	Scale:	AS SHOWN
Drawing No:	ORDBASE	Date:	APR. 1994

Arthur D Little
Cambridge, Massachusetts

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Harding Lawson Associates, Site Characterization Report, Site 31 - Former Dump Site, Fort Ord, California (Draft), October 27, 1992.

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Appendix A: Asbestos Survey Report

ASBESTOS SURVEY REPORT
FOR
U.S. ARMY CORPS OF ENGINEERS
FORT ORD INSTALLATION
FORT ORD, CALIFORNIA
CONTRACT NO. DACA05-89-C-0181
MODIFICATIONS NO. 7, 8, 9 (OPTION 6) AND 10
COE PROJECT NO. 928
DEI PROJECT NO. 1A2141AB001
APRIL 26, 1993

Diagnostic Environmental Inc.

50 East Foothill Blvd
Arcadia California
91006

818-447-5216
FAX 818-447-7593

Air/Soil/Water Analysis
Asbestos Management
Building System Evaluation
Environmental Engineering
Industrial Hygiene
Remedial Investigation

April 26, 1993

Ms. Linda Finley-Miller
Project Manager
Hazardous and Toxic Waste Section
CESPK-ED-M/HTW
U.S. ARMY CORPS OF ENGINEERS
1325 J Street
Sacramento, California 95814-2922

RE: ASBESTOS SURVEY REPORT
U.S. ARMY CORPS OF ENGINEERS – FORT ORD
FORT ORD, CALIFORNIA
CONTRACT NO. DACA05-89-C-0181
MODIFICATION NOS. 7, 8, 9 (OPTION 6) AND 10
DEI PROJECT NO. 1A2141AB001

Dear Ms. Finley-Miller:

Attached is the Asbestos Survey Report for buildings included in the above-referenced modifications. In addition, buildings that were included in other modifications have been incorporated into this report.

This report includes an executive summary, recommended work items, sample results and cost estimates.

If you have any questions regarding this report, please contact our office.

Sincerely,

Leslie Werner

Leslie Werner
Project Manager

LW/eb

Enclosure

ASBESTOS SURVEY REPORT

U.S. ARMY CORPS OF ENGINEERS – FORT ORD INSTALLATIO
FORT ORD, CALIFORNIA

TABLE OF CONTENTS

VOLUME 1

EXECUTIVE SUMMARY 1

INTRODUCTION

PROJECT DISCUSSION

FINDINGS, RECOMMENDATIONS AND COST ESTIMATES

TABLE 1A – STRUCTURES/MATERIALS WITH RATINGS OF 1 TO 5

TABLE 1B – HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2

TABLE 2 – STRUCTURES IN WHICH NO ASBESTOS WAS DETECTED

TABLE 3 – FINANCIAL IMPACT BY MATERIAL

TABLE 4 – CURRENT WORKING ESTIMATE (CWE) SUMMARY

TABLE 5 – LOCATIONS OF DOL AND DEI NUMBERED STRUCTURES

BUILDING INFORMATION 1C

DEFINITIONS

SITE PLANS

APPENDIX – QUALITY CONTROL SAMPLE LOG

VOLUMES 2–66

BUILDING INFORMATION (CONTINUED)

BUILDING SUMMARY AND WORK ITEMS, PLANS, SAMPLE LOGS, AND COST ESTIMATES

VOLUME 2 – BUILDINGS

NO.	USAGE	NO.	USAGE
MGate	Main Gate Sentry Station	T00006	Clinic Without Beds
SL00001	Airfield Operations Building	T00007	Administration General P
T00005	General Storehouse	T00008	Vacant (Formerly Storag

VOLUME 4 - BUILDINGS (CONTINUED)

NO.	USAGE
T00138	Vehicle Maintenance Shop
T00140	Vehicle Maintenance Shop
S00142	General Storehouse
T00145	Sewage Treatment Plant Bldg
P00147	Ground Storage Tank
P00230	Water Well
P00232	Ground Storage Tank
P00344	Water Storage Tank
T00346	Recreation Building
T00347	Recreation Building
T00348	Observation Tower
T00351	Recreation Building
T00352	Recreation Building
T00353	Observation Tower
T00354	Power Plant Building
T00357	Recreation Building
T00358	Recreation Building
T00359	Observation Tower
T00360	Power Plant Building
T00363	Recreation Building
T00364	Recreation Building
T00365	Observation Tower
T00366	Power Plant Building
T00401	General Storehouse
T00413	Field Range Latrine
T00414	Range Support Building
T00415	Range Support Building
T00416	Compressed Air Plant Building
T00417	Range Support Building
T00418	Field Range Latrine
T00419	Compressed Air Plant Building
P00449	Potable Water Pumping Station

VOLUME 5 - BUILDINGS 1119

NO.	USAGE
T00456	Recreation Building
P00457	Fixed Barbecue
P00460	Water Storage Tank
T00465	Detached Latrine/Shower Bldg
P00475	Ground Storage Tank
T00493	Sentry Station
T00494	Sentry Station
T00495	Sentry Station
T00496	Sentry Station
T00497	Former Sentry Station
T00498	Sentry Station
T00499	Sentry Station
T00500	Sentry Station
P00502	Aircraft Inflammable Storage
P00504	Aviation Operations Building
P00505	Sewage Pump Station
P00506	Elevated Water Storage Tank
P00507	Maintenance Hangar
P00508	Oil Storage Building
P00509	Vehicle Maintenance Shop
P00510	Maintenance Hangar Aviation
P00511	Other Fueling Station
P00514	Fire and Rescue Station
P00515	Flight Control Tower
P00518	Airfield Operations Building
P00518A	Office Building
P00519	Lighting Equipment Vault
P00520	Petroleum Supply Building
P00521	Flight Simulation Building
T00522	Administration General Purpose
T00523	Administration General Purpose
P00524	Maintenance Hangar
T00524A	Storeroom
P00525	Wash Apron
P00526	Aviation Operations Building

VOLUME 6 - BUILDINGS 1486

NO.	USAGE
P00527	Maintenance Hangar Aviation
P00528	Sewage Pump Station
T00529	Enlisted Personnel Dining
P00530	Sewage Pump Station
T00531	Administration General Purpose
T00532	Classrooms
P00533	Maintenance Hangar
T00534A	Storeroom
P00535	Aircraft Parts Supply
T00536	Aviation Operations Building
T00537	Aviation Operations Building
T00538	Aviation Operations Building
T00538A	Pumphouse
P00539	Water Well

VOLUME 6 - BUILDINGS (CONTINUED)

NO.	USAGE
P00540	Secndry Sewage Treatmt Plant
T00541	N/A
P00542	Flight Simulation Building
T00544	Administration General Purpose
T00545	Aviation Operations Building
T00546	Aviation Operations Building
P00547	Underground Storage Tank
P00550	Radar Storage
P00550A	Navigational Aids Building
P00550B	Navigational Aids Building
P00550C	Navigational Aids Building
P00550D	Navigational Aids Building
T00551	Recreation Building (Vacant)
P00555	Water Well Pump Building
P00560	Water Well Pump Building
P00563	Reservoir Storage Tank
P00565	Water Well Pump Building
T00583A	Storeroom
P00601	MOUT Range
P00602	MOUT Range
P00603	MOUT Range
P00604A	MOUT Range
P00604B	MOUT Range
P00605	MOUT Range
P00606	MOUT Range
P00607A	MOUT Range
P00607B	MOUT Range
P00608A	MOUT Range
P00608B	MOUT Range
P00609A	MOUT Range
P00609B	MOUT Range
P00610A	MOUT Range
P00610B	MOUT Range
P00611A	MOUT Range
P00611B	MOUT Range

VOLUME 7 - BUILDINGS 1848

NO.	USAGE
P00612	MOUT Range
S00613	Range Support Building
P00614	MOUT Range
P00615	MOUT Range
P00616	MOUT Range
P00617	MOUT Range
P00618	MOUT Range
P00619A	MOUT Range
P00619B	MOUT Range
P00619C	MOUT Range
P00619D	MOUT Range
P00620A	MOUT Range
P00620B	MOUT Range
P00620C	MOUT Range
P00620D	MOUT Range
P00621A	Field Range Latrine
P00621B	Field Range Latrine
P00622	MOUT Range
P00623	MOUT Range
T00625	MOUT Range
T00626	MOUT Range
T00627	MOUT Range
T00628	MOUT Range
T00629	MOUT Range
T00636	Field Range Latrine
T00655A	Storeroom
T00656	Operations General Purpose
T00657	Covered Training Area
T00658	Covered Training Area
T00659	Operations General Purpose
T00660	Operations General Purpose
T00661	Field Range Latrine
T00662	Field Range Latrine
T00663	Field Range Storage
T00700	Army Reserve Center
T00701	Vehicle Maintenance Shop
P00703	Sewage Pump Station
S00704	General Purpose Warehouse
S00705	Recycling Facility
P00725	Storehouse
P00727	Storehouse
P00730	Storehouse
P00735	Storehouse
P00739	Septic Tank Drainage Field
P00740	Ordinance Administration Bldg
P00741	Vehicle Maintenance Shop
P00742	Sentry Station
P00744	General Storehouse
P00745	Gas Storage Tank Facility
P00746	Ammunition Service Facility
P00747	Standby Generator Building
P00748	Open Storage Area
P00749	Ammunition Storage Pad
P00750	Storehouse

VOLUME 7 – BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
P00752	General Purpose Magazine	P00762	Storage, Igloo
P00760	Storage, Igloo	P00763	Storage, Igloo
P00761	Storage, Igloo	P00764	Storage, Igloo

VOLUME 8 – BUILDINGS 2218

NO.	USAGE	NO.	USAGE
P00765	Storage, Igloo	P00904	Storage (Arms)
P00766	Storage, Igloo	P00905	Storage (Arms)
P00767	Storage, Igloo	P00906	Storage (Arms)
P00768	Storage, Igloo	P00907	Storage (Arms)
P00769	Storage, Igloo	P00908	Storage (Arms)
T00804	Elevated Water Storage Tank	P00909	Storage (Arms)
T00805	Water Pumping Station Potable	P00910	Storage (Arms)
T00806	Elevated Water Storage Tank	P00911	Storage (Arms)
T00807	Pumphouse	P00912	Storage (Arms)
T00809	Scout Building	T00914	Storage
P00811	Sewage Pumping Station	P00915	Storage
P00812	Range Support Building	S00916	Storage
T00814	Facility Engineer	P00918	Septic Tank Drainage Field
T00816	Septic Tank Drainage Field	T00919	Office
T00817	General Storehouse	T00920	Office
T00819	Range House	S00921	Storage
T00822	Septic Tank Drainage Field	S00922	Storage
T00823	Septic Tank Drainage Field	T00924	N/A
T00825	Covered Training Area	S00925	Ordinance Administration Bldg
T00825A	Covered Training Area	T01002	Officers Quarters Military
T00826	Covered Training Area	T01003	Officers Quarters
T00829	Observation Tower	T01004	General Instruction Building
T00830	Ammunition Hut	T01005	Officer Quarters
T00831	Ammunition Hut	T01006	General Instruction Building
P00875	Elevated Water Storage Tank	T01007	Enlisted Barrack
P00901	Storage	T01009	Skill Development Center
P00902	Storage (Arms)	T01010	Skills Development Center
P00903	Storage		

VOLUME 9 – BUILDINGS 2566

NO.	USAGE	NO.	USAGE
T01011	ACES Facility	T01030	Administration General Purpose
T01012	Officers Quarters	T01031	Recreation Building
P01021	CIDC Field Operations Building	S01032	Battalion Classrooms
T01022	Officers Quarters	S01033	Battalion Classrooms
T01023	Officers Quarters	T01040	Museum
T01024	General Instruction Building	T01041	Administration General Purpose
T01025	Administration General Purpose	T01042	Administration General Purpose
T01026	Battalion Headquarters Bldg	T01043	Military Personnel Building
T01027	Recreation Building	T01044	Administration General Purpose
T01028	Administration General Purpose	T01045	Military Personnel Building

VOLUME 9 - BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
T01046	Administration General Purpose	T01049	Provost Marshall Admin Bldg
T01047	Administration General Purpose	T01060	Exchange Service Station
T01048	Military Personnel Admin Bldg		

VOLUME 10 - BUILDINGS 2935

NO.	USAGE	NO.	USAGE
T01061	Theater With Dressing Room	S01287	Recreation Building
T01063	Exchange Service Outlet	T01288	Entertainment Workshop
T01064	Public Toilet	T01421	Support Maint Warehouse
T01065	Exchange Service Outlet	T01422	Support Maint Warehouse
T01068	General Storehouse	T01423	Support Maint Warehouse
T01120	Deployment Storage Building	T01424	Support Maint Warehouse
T01136	Unit Chapel	T01425	General Instruction Building
T01140	Barrack	T01426	General Instruction Building
T01160	Enlisted Barracks	T01427	General Instruction Building
T01176	General Storehouse	T01428	Support Maint Warehouse
T01180	Administration Offices	T01429	General Instruction Building
T01196	Regimental Headquarters Bldg	T01430	General Instruction Building
P01220	Snack Bar		

VOLUME 11 - BUILDINGS 3271

NO.	USAGE	NO.	USAGE
T01431	Storage	T01449	Fire Station
T01432	General Storehouse	T01450	Deployment Storage B
T01433	General Storehouse	T01451	General Storage
T01434	General Storehouse	T01453	General Storehouse
T01435	General Storehouse	T01454	General Storehouse
T01436	General Storehouse	T01455	General Storehouse
T01437	General Storehouse	T01456	General Storehouse
T01438	General Storehouse	T01457	General Storehouse (Vacant)
T01439	General Instruction Building	T01458	General Storehouse
T01440	General Instruction Building	T01459	General Storehouse
T01441	General Instruction Building	T01460	Lavatory Building
P01442	Incinerator Building	T01461	General Storehouse
T01443	General Storehouse		

VOLUME 12 - BUILDINGS 3598

NO.	USAGE	NO.	USAGE
T01462	General Storehouse	S01477	Storage Shed General Purpose
T01465	Support Maint Warehouse	S01478	Storage Shed General Purpose
T01466	General Storehouse	P01481	Oil Storage Building
T01467	Support Maint Warehouse	P01483	Vehicle Maintenance Shop
T01468	Restroom	P01486	Oil Storage Building
P01473	Sewage Pump Station	P01489	Vehicle Maintenance Shed
S01474	Storage Shed General Purpose	P01491	Oil Storage Building
P01476	General Purpose Warehouse	P01493	Oil Storage Building

VOLUME 12 – BUILDINGS (CONTINUED)

NO.	USAGE
P01495	Vehicle Maintenance Shed
P01497	Gas Station Building
T01598	General Storehouse
S01599	Battalion Classrooms
P01635	Oil Storage Building
P01637	Vehicle Maintenance Shed
P01638	Target Moving Simulator Bldg
T01640	Vehicle Maintenance Shed
T01641	Motor Pool
T01642	Motor Pool
T01643	Motor Pool
T01646	Vehicle Maintenance Shed
T01647	Vehicle Maintenance Shed
T01649	Vehicle Storage
T01650	Snack Bar
S01653	General Storehouse
T01654	Vehicle Maintenance Shed
T01655	Vehicle Maintenance Shop
T01656	Vehicle Maintenance Shed

VOLUME 13 – BUILDINGS 3968

NO.	USAGE
P01659	Wash Platform
T01660	Training Aids Center
P01661	Oil Storage Building
T01663	Training Aids Center
T01665	Training Aids Center
T01666	Vehicle Storage
T01667	Administration General Purpose
T01667A	Lavatory Building
T01668	Scale House
S01669	Flammable Material Storehouse
S01670	Gasoline Station Building
S01671A	Oil Storage Building
T01672	Vehicle Maintenance Shop
T01674	Vehicle Maintenance Shop
S01675	Training Aids Center
T01676	Oil Storage Building
T01677	Dispatch Building
S01678	General Storehouse
P01679	Vehicle Maintenance Shed
P01680	Wheeled Vehicle Grease Ramp
T01681	Oil Storage Building
P01682	Dispatch Building
T01683	Storeroom
P01684	General Storehouse
P01686	Vehicle Maintenance Shed
P01688	Oil Storage
P01697	Vehicle Maintenance Shop
P01698	Wash Platform
P01699	Wheeled Vehicle Grease Rack
T01701	Barracks
T01702	Barracks
T01703	Barracks
T01704	Vacant
T01705	Storage
T01706	Vacant
T01707	Barracks
T01708	Barracks
T01709	Barracks
T01710	Office
T01711	Weight Room/Storage

VOLUME 14 – BUILDINGS 4342

NO.	USAGE
T01712	Office
T01713	Classroom
T01714	Classroom
T01715	Classroom
T01716	Barracks
T01720	Recreation
T01721	Office
T01722	Storage
T01723	Office
T01724	Vacant
T01725	Vacant
T01726	Storage
T01727	Storage
T01728	Office
T01729	Office
T01730	Storage
T01731	Storage
T01732	Storage
T01733	Storage
T01734	Storage
T01735	Storage
T01740	Office

VOLUME 14 - BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
T01741	Dining Facility	T01749	Office
T01742	Office/Kitchen	T01750	Storage/Recreation
T01743	Dining Facility	T01751	Storage
T01744	Vacant	T01752	Vacant/Condemned
T01746	Vacant	T01753	Storage
T01747	Storage	T01754	Vacant (Former Dining Facility)
T01748	Recreation		

VOLUME 15 - BUILDINGS 4703

NO.	USAGE	NO.	USAGE
T01755	Classroom	T01773	Vacant
T01756	Vacant (Formerly Mess Hall)	T01774	Vacant
T01760	Office	T01775	Vacant
T01761	Barracks	T01777	Retail/Service
T01762	Barracks	T01780	Vacant
T01763	Barracks	T01781	Barracks
T01764	Barracks	T01782	Vacant
T01765	Vacant	T01783	Vacant
T01766	Barracks	T01784	Barracks
T01767	Barracks	T01785	Barracks
T01768	Barracks	T01786	Barracks
T01769	Barracks	T01787	Barracks
T01770	Storage	T01788	Barracks
T01771	Vacant	T01789	Barracks
T01772	Vacant	T01790	Vacant

VOLUME 16 - BUILDINGS 5069

NO.	USAGE	NO.	USAGE
T01801	Vacant	T01831	Office
T01803	Vacant	T01834	Storage
T01804	Vacant	T01836	Shoe Store
T01805	Vacant	T01883	Office
T01806	Vacant	T01885	Chapel
T01807	Vacant	T01888	Classroom
T01808	Office	T01891	Office
T01809	Office	T01894	Shop
T01812	Storage	T01895	Taxi Depot
T01817	Chapel	T01901	Conference Area
T01820	Office	T01902	Office
T01822	Retail Sales	T01903	Office
T01824	Office	T01904	Office
T01826	Storage	T01905	Office
T01828	Auditorium	T01906	Office

VOLUME 17 - BUILDINGS 5436

NO.	USAGE
T01907	Office
T01908	Office
T01909	Conference Area
T01910	Office
T01911	Training
T01912	Office
T01913	Arms Storage
T01914	Arms Storage
T01915	Storage
T01916	Office
T01917	Bus Depot
T01920	Office
T01921	Office
T01922	Office
T01923	Office
T01924	Inactive
T01925	Storage/Office
T01926	Office
T01927	Storage
T01928	Storage
T01929	Storage
T01930	Arms Storage
T01932	Physical Fitness Center
T01933	Storage
T01934	Storage

VOLUME 18 - BUILDINGS 5757

NO.	USAGE
T01935	Education/Training
T01936	Storage
T01940	Office
T01941	Storage
T01942	Office
T01943	Storage
T01944	Inactive
T01945	Storage
T01946	Office
T01947	Storage
T01948	Storage
T01949	Storage
T01950	Office
T01951	Office
T01952	Barrack
T01953	Education/Storage
T01954	Storage
T01955	Office
T01956	Office
T01957	Retail Store (Under Remodel)
T01960	Storage
T01961	Storage
T01962	Storage
T01963	Inactive Dining Facility
T01964	Dining Facility

VOLUME 19 - BUILDINGS 6087

NO.	USAGE
T01965	Arms Storage
T01966	Mail Office
T01967	Storage
T01968	Storage
T01969	Dining Facility
T01970	Office/Storage
T01971	Food Service School
T01972	Kitchen
T01973	Office
T01974	Storage
T01975	Storage
T01976	Recreation/Conference Area
T01980	Office
T01981	Recreation
T01982	Inactive Barrack
T01983	Offices
T01984	Inactive
T01985	Office
T01986	Office
T01987	Office
T01988	Storage
T01989	Storage
T01990	Arms Storage
T01991	Conference Area
T01992	Office
T01993	Office
T01994	Office
T01995	Office
T01996	Office
P01997	Storage

VOLUME 19 – BUILDINGS (CONTINUED)

NO.	USAGE
T02000	General Storehouse
T02001	Operations General Purpose
T02002	Battalion Storage Building
T02003	Battalion Arms Storage
T02004	Office Building (Vacant)

VOLUME 20 – BUILDINGS 6479

NO.	USAGE
T02005	OPS General Purpose
T02006	Battalion Headquarters Building
T02007	General Purpose Warehouse
T02008	General Office (Vacant)
T02009	General Purpose Warehouse
T02010	Battalion Classrooms
T02011	Battalion Headquarters Building
T02012	Enlisted Barrack Without Dining
T02013	Enlisted Barrack Without Dining
T02014	Enlisted Barrack Without Dining
T02015	Office/Storage
T02016	Recreation
T02017	Exchange Cafe
T02019	Observation Tower
T02020A	Observation Tower
T02021	Range Storage
T02022	General Storehouse
T02024	General Storehouse
T02026R	Observation Tower
T02026S	Observation Tower
T02026T	Observation Tower
T02026W	Observation Tower
T02026X	General Storehouse
T02026Z	General Storehouse
T02027A	Range Support Building
T02027B	Observation Tower
T02027D	Range Storage
T02028A	Range Support Building
TR02028A	Field Range Latrine
T02028B	Observation Tower

VOLUME 21 – BUILDINGS 6841

NO.	USAGE
T02028D	Range Storage
T02030	General Storehouse
T02031	General Storehouse
T02032	General Storehouse
T02033	General Storehouse
T02034	General Storehouse
T02035	General Storehouse
T02036	General Storehouse
S02037	Gas Station Building
S02038	Gas Station Building
S02039	Gas Station Building
S02040	Gas Station Building
S02041	Gas Station Building
S02042	Gas Station Building
T02044A	Observation Tower
T02044B	Observation Tower
T02044C	Covered Training Area
T02044D	Observation Tower
T02046	Administration General Purpose
T02047	Administration General Purpose
P02048	Electrical Maintenance Shop
T02049C	Covered Training Area
S02050	General Storehouse
T02050A	General Storehouse
S02050B	General Storehouse
S02050C	General Storehouse
S02050D	Field Range Latrine
T02051	Covered Training Area
T02052	Quarter Master Repair Shop
T02053	Quarter Master Repair Shop
T02054	Exchange Warehouse
T02055	General Storehouse
T02056	Lavatory Building
T02057	Oil Storage (Demolished)
T02058	Self-Service Support Center
P02060	Cold Storage Warehouse
P02061	Meat Cutting Plant
T02062	Warehouse
P02063	General Purpose Warehouse
T02064	General Storehouse

VOLUME 22 - BUILDINGS 7171

NO.	USAGE
P02065	General Purpose Warehouse
T02066	General Storehouse
T02068	Fixed Laundry
T02069	Heating Plant Building
P02071	General Purpose Warehouse
S02072	Oil Storage Building
T02073	General Purpose Warehouse
P02074	Open Storage Building
P02075	Community Center
P02076A	Sewage Treatment Plant
P02076B	Sewage Pumping Station Bldg
P02076C	Sewage Pump Station Building
P02076D	Boiler Room
P02076E	General Storehouse
P02076F	Storeroom
P02076G	General Storehouse
T02076H	Administration General Purpose
P02076I	Pumphouse
P02077	N/A
P02079	Sewage Pump
P02080	General Purpose Warehouse
P02081	General Purpose Warehouse
P02082	General Purpose Warehouse
P02083	General Purpose Warehouse
P02084	General Purpose Warehouse
S02088	Indoor Firing Range
T02089	Facilities Engineer Facility
S02090A	Field Range Latrine
T02090B	Observation Tower

VOLUME 23 - BUILDINGS 7540

NO.	USAGE
T02090C	General Storehouse
S02090D	General Storehouse
T02090F	Covered Training Area
T02090G	Range Storage
S02093A	Field Range Latrine
T02093B	Observation Tower
T02094A	Observation Tower
S02094B	General Storehouse
S02094C	Field Range Latrine
S02095A	Field Range Latrine
S02096D	Field Range Latrine
T02096E	General Storehouse
T02096F	Observation Tower
S02096G	General Storehouse
S02097A	General Storehouse
S02097B	Field Range Latrine
T02097C	Observation Tower
T02098A	Observation Tower
S02099A	General Storehouse
S02099B	General Storehouse
S02099C	Field Range Latrine
T02100	Administration General Purpose
T02101	Company Headquarters Bldg
T02102	Company Headquarters Bldg
T02103	Company Headquarters Bldg
T02104	Company Headquarters Bldg
T02105	Company Headquarters Bldg
T02106	Company Headquarters Bldg
T02107	Company Headquarters Bldg
T02108	Company Headquarters Bldg
T02109	Company Headquarters Bldg
T02110	Company Headquarters Bldg
T02111	Company Headquarters Bldg
T02112	Company Headquarters Bldg
T02113	Company Headquarters Bldg
T02114	Company Headquarters Bldg
T02115	Company Headquarters Bldg
T02116	Company Headquarters Bldg
T02117	Administration General Purpose
S02119	General Storehouse

VOLUME 24 - BUILDINGS 7892

NO.	USAGE
T02120	Exchange Branch
T02121	Administration and Supply Bldg
T02122	Applied Instruction Building
T02123	Enlisted Personnel Dining
T02124	Applied Instruction Building
T02125	Enlisted Personnel Dining
T02126	Enlisted Personnel Dining
T02127	Detachment Day Room
T02128	Detachment Day Room
T02129	Detached Day Room
T02130	Enlisted Personnel Dining
T02131	Enlisted Personnel Dining

VOLUME 24 - BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
T02132	Enlisted Personnel Dining	T02142	Enlisted Barrack Without Dining
T02133	Enlisted Personnel Dining	T02143	Enlisted Barrack Without Dining
T02134	Enlisted Personnel Dining	T02144	Enlisted Barrack Without Dining
T02135	Enlisted Personnel Dining	T02145	Operations General Purpose
T02136	Enlisted Personnel Dining	T02146	Enlisted Barrack Without Dining
T02140	Enlisted Barrack Without Dining	T02147	Enlisted Barrack Without Dining
T02141	Enlisted Barrack Without Dining		

VOLUME 25 - BUILDINGS 8246

NO.	USAGE	NO.	USAGE
T02148	Enlisted Barrack Without Dining	T02164	Enlisted Barrack without Dining
T02149	Enlisted Barrack Without Dining	T02165	Operations General Purpose
T02150	Enlisted Barrack Without Dining	T02166	Enlisted Barrack Without Dining
T02151	Enlisted Barrack Without Dining	T02167	Enlisted Barrack Without Dining
T02152	Enlisted Barrack Without Dining	T02168	Enlisted Barrack Without Dining
T02153	Enlisted Barrack Without Dining	T02169	Enlisted Barrack Without Dining
T02154	Enlisted Barrack Without Dining	T02170	Enlisted Barrack Without Dining
T02155	Operations General Purpose	T02171	Enlisted Barrack Without Dining
T02156	Enlisted Barrack Without Dining	T02172	Enlisted Barrack Without Dining
T02160	Enlisted Barrack Without Dining	T02173	Enlisted Barrack Without Dining
T02161	Enlisted Barrack Without Dining	T02174	Enlisted Barrack Without Dining
T02162	Enlisted Barrack Without Dining	T02175	Operations General Purpose
T02163	Enlisted Barrack Without Dining		

VOLUME 26 - BUILDINGS 8642

NO.	USAGE	NO.	USAGE
T02176	Enlisted Barrack Without Dining	T02193	Arms Building
T02180	Automated Data Processing	T02194	Arms Building
T02181	Detachment Day Room	T02195	Battalion Headquarters Building
T02182	Detachment Day Room	T02196	Battalion Headquarters Building
T02183	Detachment Day Room	T02201	Enlisted Barrack Without Dining
T02184	Detachment Day Room	T02202	Enlisted Barrack Without Dining
T02185	Battalion Headquarters Bldg	T02203	Enlisted Barrack Without Dining
T02186	Arms Building	T02204	Enlisted Barrack Without Dining
T02187	Arms Building	T02205	Battalion Headquarters Building
T02188	Arms Building	T02206	Enlisted Barrack Without Dining
T02189	Arms Building	T02207	Enlisted Barrack Without Dining
T02190	Battalion Headquarters Building	T02208	Enlisted Barrack Without Dining
T02191	Arms Building		

VOLUME 27 - BUILDINGS 9006

NO.	USAGE	NO.	USAGE
T02209	Enlisted Barrack Without Dining	T02213	Enlisted Barrack Without Dining
T02210	Enlisted Barrack Without Dining	T02214	Enlisted Barrack Without Dining
T02211	Enlisted Barrack Without Dining	T02215	Battalion Headquarters Buidling
T02212	Enlisted Barrack Without Dining	T02216	Battalion Headquarters Building

VOLUME 27 – BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
T02217	Calibration Facility	S02235	General Storehouse
T02223	Automated Data Processing	P02236	Heat Plant Building
T02223A	Calibration Facility	P02237	Indoor Swimming Pool
T02229	Unit Chapel	S02239	General Purpose Warehouse
T02231	Clinic without Beds	T02240	Skill Development Center
T02233	General Instruction Building	T02241	Skill Development Center

VOLUME 28 – BUILDINGS 9310

NO.	USAGE	NO.	USAGE
T02242	Skill Development Center	T02290	Recreation (Vacant)
T02248	Gymnasium	T02291	Company Headquarters Bldg
T02250	Skill Development Center	T02292	General Storehouse
T02250A	Storage Building	T02293	Exchange Branch
T02251	Retail Store	T02294	Exchange Service Outlet
T02251A	Storage	T02302	Storage
T02251B	Storeroom	T02303	Storage
T02252	Machine Shop	T02305	Barber Shop
T02253	Gas Station Building	T02306	Shop Area
T02260	Guest House	T02307	Storage
T02282	Administration General Purpose	T02309	Office
T02283	Officers Quarters Military	T02310	Storage
T02284	General Instruction Building	T02311	Storage
T02285	Administration General Purpose	T02312	Classroom
T02286	Recreation Center II	T02313	Office

VOLUME 29 – BUILDINGS 9708

NO.	USAGE	NO.	USAGE
T02314	Office	T02333	Mail Room
T02315	Office	T02334	Office
T02316	Office	T02335	Conference Rooms
T02321	Barrack	T02336	Office
T02322	Barrack	T02341	Barrack
T02323	Barrack	T02342	Barrack
T02324	Barrack	T02343	Barrack
T02325	Barrack	T02344	Barrack
T02326	Barrack	T02345	Barrack
T02327	Barrack	T02346	Barrack
T02328	Storage	T02347	Barrack
T02329	Barrack	T02348	Barrack
T02330	Storage and Classroom	T02349	Classroom and Library
T02331	Classroom	T02350	Office
T02332	Classroom	T02351	Storage

VOLUME 30 – BUILDINGS 10120

NO.	USAGE	NO.	USAGE
T02352	Classroom	T02353	Print Shop

VOLUME 30 - BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
T02354	Office	T02372	Storage
T02355	Office	T02373	Storage
T02356	Offices	T02374	Storage
T02361	Offices	T02375	Office
T02362	Office	T02376	Office
T02363	Cafeteria	T02381	Barrack
T02364	Kitchen and Storage	T02382	Barrack
T02365	Mess Hall	T02383	Recreation
T02366	Classroom	T02384	Barrack
T02367	Mess Hall	T02385	Barrack
T02368	Storage	T02386	Barrack
T02369	Storage	T02387	Storage
T02370	Vacant (Formerly Mess Hall)	T02388	Vacant (Formerly Barrack)
T02371	Dining Facility	T02389	Barrack

VOLUME 31 - BUILDINGS 10476

NO.	USAGE	NO.	USAGE
T02390	Laboratory	T02409	Company Headquarters Bldg
T02391	Education/Classrooms	T02410	Operations (Vacant)
T02392	Office	T02411	Company Headquarters Bldg
T02393	Office	T02412	Company Headquarters Bldg
T02394	Office	T02413	Company Headquarters Bldg
T02395	Storage	T02414	Administration General Purpose
T02396	Storage	T02415	Administration General Purpose
T02401	Facility Engineering	T02416	General Storehouse
T02402	Detachment Day Room	S02419	Signal Photo Lab/Film Library
T02403	Company Headquarters Bldg	P02420	General Purpose Warehouse
T02404	Company Headquarters Bldg	T02423	Storeroom
T02405	Company Headquarters Bldg	P02424	General Purpose Warehouse
T02406	Company Headquarters Bldg	P02425	Maint Shop General Purpose
T02407	Company Headquarters Bldg	S02426	Vehicle Maintenance Shop
T02408	Company Headquarters Bldg	T02427	Vehicle Maintenance Shop

VOLUME 32 - BUILDINGS 10850

NO.	USAGE	NO.	USAGE
T02428	General Purpose Warehouse	S02454	Warehouse
T02429	General Purpose Warehouse	T02459	Administration General Purpose
T02430	General Purpose Warehouse	T02460	Vehicle Storage
S02433	General Storehouse	T02501	Laboratory (Vacant)
S02434	Automated Data Processing	T02502	Detachment Day Room
T02435	General Storehouse	T02503	Deployment Equipment Storage
T02436	General Storehouse	T02504	General Storehouse
T02437	Finance Administration Building	T02505	Arms Building
T02438	Storage	T02506	Deployment Storage Building
T02439	Administration General Purpose	T02507	General Storehouse
T02450	General Storehouse	T02508	Company Headquarters Bldg
T02451	Range Support Building	T02509	Detached Day Room

VOLUME 32 - BUILDINGS (CONTINUED)

NO.	USAGE
T02510	Detached Day Room

VOLUME 33 - BUILDINGS 11188

NO.	USAGE
T02520	Administration General Purpose
T02521	Enlisted Barrack without Dining
T02522	Enlisted Barrack without Dining
T02523	Enlisted Barracks without Dining
T02524	Enlisted Barracks without Dining
T02525	Enlisted Barrack without Dining
T02526	Enlisted Barrack without Dining
T02527	Enlisted Barracks without Dining
T02528	Enlisted Barrack without Dining
T02529	Enlisted Barrack without Dining
T02530	Enlisted Barrack without Dining
T02531	Class VI Storage
T02540	Administration General Purpose
T02541	Enlisted Barrack without Dining
T02542	Enlisted Barrack without Dining
T02544	Enlisted Barrack without Dining
T02545	Enlisted Barrack without Dining
T02546	Enlisted Barrack without Dining
T02547	Enlisted Barrack without Dining
T02548	Barrack

VOLUME 34 - BUILDINGS 11530

NO.	USAGE
T02549	Enlisted Barrack without Dining
T02550	Enlisted Barrack without Dining
T02560	Exchange Branch
T02561	Administration General Purpose
T02562	Battalion Headquarters Building
T02563	Detachment Day Room
T02567	Enlisted Personnel Dining
T02568	Dining Hall (Enlisted)
T02569	Enlisted Personnel Dining
T02580	Administration General Purpose
T02581	Administration General Purpose
T02582	Administration General Purpose
T02583	Enlisted Barrack without Dining
T02584	Enlisted Barrack without Dining
T02585	Enlisted Barrack without Dining
T02586	Enlisted Barrack without Dining
T02587	Operations General Purpose
T02588	Enlisted Barrack without Dining
T02590	Enlisted Barrack without Dining
T02601	Company Headquarters Bldg
T02602	N/A
T02603	Company Headquarters Bldg
T02604	Company Headquarters Bldg
T02605	Company Headquarters Bldg
T02608	Operations Building (Vacant)

VOLUME 35 - BUILDINGS 11885

NO.	USAGE
T02609	Company Headquarters Bldg
T02622	Guest House
T02627	Officers Quarters
T02631	Guest House
T02632	Guest House
T02633	Guest House
T02634	Guest House
T02635	Guest House
T02636	Guest House
T02642	Guest House
T02643	Guest House
T02644	Guest House
T02645	Guest House
T02652	Guest House
T02654	Guest House
T02656	Transient Quarters
T02658	Guest House
T02661	Unit Chapel
P02662Z	Red Cross Building
P02663Z	Garage
T02700	General Purpose Warehouse
T02701	General Storehouse
S02702	General Storehouse
S02703	General Storehouse
S02704	General Storehouse

VOLUME 36 - BUILDINGS

12244

NO.	USAGE
T02707	Dispatch Building
T02710	General Purpose Warehouse
T02711	Lavatory Building
S02712	General Storehouse
S02713	General Storehouse
S02714	General Storehouse
T02715	Support Maint Warehouse
T02716	General Purpose Warehouse
T02717	General Purpose Warehouse
T02719	Vehicle Maintenance Shop
T02720	Lavatory Building
S02721	Storage Shed General Purpose
T02722	Vehicle Maintenance Shop
T02724	Oil Storage Building
S02725	Components Cleaning Facility
S02726	Vehicle Maintenance Shop
T02752	Vehicle Maintenance Shop
T02754	Oil Storage Building
T02756	Vehicle Maintenance Shop
T02757	Vehicl Maint. Shed-Dirct Supprt
T02776	Theater without Dressing Room
T02777	Vehicle Maintenance Shop
T02778	Vehicle Maintenance Shop
T02780	Vehicle Storage
T02784	Vehicle Maintenance Shop
T02784A	Paint Storage
T02784B	Paint Storage
T02786	Administration General Purpose
T02788	Administration General Purpose
T02790	Vehicle Maintenance Shop
T02791	Administration General Purpose
T02793	Administration General Purpose
T02795	Clinic without Beds
T02797	Administration General Purpose
P02798	Administration General Purpose

VOLUME 37 - BUILDINGS

12632

NO.	USAGE
P02799	Power Plant Building
T02801	Guest House
T02802	Guest House
T02803	Guest House
T02804	Guest House
T02805	Guest House
T02806	Guest House
T02807	Guest House
T02808	Guest House
T02809	Guest House
T02810	Administration General Purpose
T02811	Administration General Purpose
T02812	Administration General Purpose
T02813	Guest House
T02814	Guest House
T02815	Guest House
T02816	Guest House
T02817	Guest House
T02820	Administration General Purpose
T02821	Museum
T02822	Administration General Purpose
T02823	Administration General Purpose
T02824	Administration General Purpose
T02825	General Instruction Building
T02826	Administration General Purpose

VOLUME 38 - BUILDINGS

13018

NO.	USAGE
T02827	Guest House
T02828	Guest House
T02829	Administrative (Vacant)
T02830	Admin/General Purpose
T02831	Administration General Purpose
T02832	Administration General Purpose
T02833	General Purpose (Vacant)
T02834	Administration General Purpose
T02835	Guest House
T02836	Guest House
T02837	Guest House
T02841	Administration General Purpose
T02842	Administration General Purpose
T02843	Administration General Purpose
T02844	Administration General Purpose
T02845	Administration General Purpose
T02846	Administration General Purpose
T02847	Administration General Purpose
T02848	Administration General Purpose
T02849	Guest House

VOLUME 39 - BUILDINGS 13414

NO.	USAGE
T02850	Signal Photo Lab
T02851	Administration General Purpose
T02852	Administration General Purpose
T02853	Administration General Purpose
T02854	Administration General Purpose
T02855	Administration General Purpose
T02856	Recreation Facility
T02857	Guest House
T02858	Division Headquarters Building
T02859	Division Headquarters Building
T02860	Administration General Purpose
T02861	Administration General Purpose
T02862	General Instruction Building
T02863	Administration General Purpose
T02864	Administration General Purpose
T02865	Administration General Purpose
T02866	Guest House
T02867	Administration General Purpose
T02868	Administration General Purpose
T02869	Administration General Purpose

VOLUME 40 - BUILDINGS 13865

NO.	USAGE
T02870	Administration General Purpose
T02870A	N/A
T02871	Administration General Purpose
T02872	Administration General Purpose
T02873	Administration General Purpose
T02874	Administration General Purpose
T02875	Administration General Purpose
T02876	Housing (Vacant)
T02877	Guest House
T02878	Administration General Purpose
T02879	Division Headquarters Building
T02880	Exchng Branch (Museum Office)
T02881	Museum
T02882	Company Headquarters Bldg
T02883	Company Headquarters Bldg
T02884	Operations (Vacant)
T02885	Company Headquarters Bldg
T02886	Company Headquarters Bldg
T02887	Applied Instruction Building
T02888	Applied Instruction Building
T02889	Company Headquarters Bldg
T02890	Company Headquarters Bldg
T02891	Company Headquarters Bldg
T02892	Company Headquarters Bldg
T02893	Company Headquarters Bldg

VOLUME 41 - BUILDINGS 14250

NO.	USAGE
T02894	Company Headquarters Bldg
T02895	Company Headquarters Bldg
T02896	Administration General Purpose
T02897	Administration General Purpose
T02898	Supply Service Administration
T02900	Museum
T02901	Museum
T02902	Administration General Purpose
T02903	Administration General Purpose
T02904	Administration General Purpose
T02905	Administration General Purpose
T02906	Administration General Purpose
T02907	Administration General Purpose
T02908	Administration General Purpose
T02909	Administration General Purpose
T02910	Administration General Purpose
T02911	Administration General Purpose
T02912	Administration General Purpose
T02913	Administration General Purpose
T02914	Administration General Purpose

VOLUME 42 - BUILDINGS 14602

NO.	USAGE
T02915	Administration General Purpose
T02917	Administration General Purpose
T02925	Administration General Purpose
P02985	Elevated Water Storage Tank
T02987	Recreation Building
T02988	General Storehouse
T02990	Administration General Purpose
T02992	Warehouse

VOLUME 42 – BUILDINGS (CONTINUED)

NO.	USAGE
T02994	General Instruction Building
T02995	Administration General Purpose
T02996	General Instruction Building
T02997	Enlisted Barrack without Dining
T02998	Enlisted Barrack without Dining
T02999	Enlisted Barracks
T03000	Administration General Purpose
T03000A	Heat Plant Building
T03003	Officers Quarters Military
T03004	Officers Quarters Military
T03004A	Heat Plant Bldg
T03005	Civilian Personnel Building
T03007	Civilian Personnel Building
T03007A	Heating Plant Building
T03010	Medical Administration Bldg
T03010A	Heat Plant Building
T03011	Hospital Clinic

VOLUME 43 – BUILDINGS 15010

NO.	USAGE
T03012	Administration General Purpose
T03012A	Heat Plant Building
T03013	General Purpose Warehouse
T03014	Administration General Purpose
T03015	Recreation Building
T03016	Child Support Center
T03016A	Heat Plant Building
T03017	Administration General Purpose
T03018	Administration General Purpose
T03019	Enlisted Barracks
T03025	Child Support Center
T03025A	Heating Plant Building
T03039	Barrack (Vacant)
T03039A	Heating Plant Building
T03045	Child Support Center
T03046	Child Support Center
T03046A	Heating Plant Building
T03051	Drug Abuse Center
T03053	Drug Abuse Center
T03054	General Storehouse
P03060	Public Restroom
P03062A	Barbecue
P03062B	Potable Water Pump Plant
T03065	Child Support Center
T03066	Child Support Center
T03066A	Heating Plant Building
P03070	Child Support Center
T03070A	Recreation Building
T03070B	Recreation Building
T03070C	Recreation Building
T03079	Enlisted Barrack without Dining
T03080	Enlisted Barrack without Dining
P03095	Guest House
P03099	Exchange Branch
T03101	General Purpose Warehouse

VOLUME 44 – BUILDINGS 15411

NO.	USAGE
T03102	General Purpose Warehouse
T03104	General Instruction Building
T03106	Exchange Branch
T03107	Exchange Administration Bldg
T03107A	Heating Plant Building
T03109	Recreation Building
T03114	Storeroom
T03118	Storage
T03119	General Storehouse (Vacant)
T03121	Lavatory Building
T03122	Confinement Facility
T03123	Confinement Facility
T03124	Confinement Facility
T03125	Recreation (Vacant)
T03126	Confinement Facility
T03127	Confinement Facility
T03128	Confinement Facility
T03129	Confinement Facility
T03131	Storage
T03132	Administration General Purpose
T03133	Confinement Facility
T03134	Confinement Facility
T03135	Confinement Facility
T03140	Veterinarian Facility
T03141	Recreation Building
T03142	Riding Stable
T03143	Riding Stable
T03144	Veterinarian Facility

VOLUME 44 - BUILDINGS (CONTINUED)

NO.	USAGE
S03145	Confinement Facility
T03181	General Storehouse

VOLUME 45 - BUILDINGS 15808

NO.	USAGE
T03182	General Storehouse
T03183	General Storehouse
T03184	General Storehouse
T03185	Storage
T03186	Storage
T03187	General Storehouse
T03188	General Storehouse (Vacant)
T03189	General Storehouse
S03215	Transmitter Radio Building
T03280	General Purpose Building
P03560	Physical Fitness Center
P03563	Enlisted Barracks without Dining
P03570	Supply Service Admin Bldg
P03574	Administration Supply Building
P03575	Administration and Supply Bldg
P03576	Detachment Day Room
P03578	Enlisted Barrack without Dining
P03579	Enlisted Barrack without Dining
P03580	Enlisted Barrack without Dining
P03581	Enlisted Barrack Without Dining
P03582	Detachment Day Room
P03585	Enlisted Personnel Dining
P03589	Detached Day Room
P03591	Enlisted Barrack without Dining
P03592	Enlisted Barrack without Dining

VOLUME 46 - BUILDINGS 16173

NO.	USAGE
P03593	Enlisted Barrack without Dining
P03594	Enlisted Barrack without Dining
P03595	Detached Day Room
P03599	Dental Clinic
P03620	Enlisted Barrack without Dining
P03621	Enlisted Barrack without Dining
P03622	Detached Day Room
P03623	Enlisted Barrack without Dining
P03624	Detached Day Room
P03625	Enlisted Barrack without Dining
P03627	Enlisted Barrack without Dining
P03628	Battalion Admin and Classroom
P03629	Battalion Admin and Classroom
P03630	Battalion Admin and Classroom
P03631	Enlisted Barrack without Dining
P03632	Enlisted Barracks without Dining
P03634	Detached Day Room
P03635	Enlisted Barracks without Dining
P03636	Enlisted Barrack without Dining
P03637	Detached Day Room

VOLUME 47 - BUILDINGS 16553

NO.	USAGE
P03638	Enlisted Barracks without Dining
P03639	Snack Bar
P03640	Admin and Support Bldg
P03641	Enlisted Personnel Dining
P03642	Exchange Branch
P03643	Administration and Supply Bldg
P03700	Dental Clinic
P03701	Unit Chapel
P03702	Theater
P03703	Community Center
S03704	Administration General Purpose
P03705	Training Aids Center
S03706	Administration General Purpose
P03707	General Instruction Building
P03708	Battalion Classrooms
T03709	Training Aids Center
T03710	Vehicle Storage
T03710A	Maintenance Shed
P03711	Battalion Headquarters
T03712	Battalion Classrooms
T03713	Battalion Headquarters Building
P03716	Battalion Classroom
T03717	Dispatch Building
P03719	Applied Instruction Building

VOLUME 47 - BUILDINGS (CONTINUED)

NO.	USAGE
T03722	Officers Quarters Military
P03723	Clinic Without Beds
P03725	Administration General Purpose
T03742	Officers Quarters Military
T03753	General Storehouse
T03754	General Storehouse

VOLUME 48 - BUILDINGS 16971

NO.	USAGE
T03762	Officers Quarters Military
T03763	Storeroom
S03766	Gas Station Building
T03767	Vehicle Maint Shed Ordinance
S03770	Lavatory Building
S03771	Gas Station Building
T03772	Vehicle Maint Shed Ordinance
S03775	Oil Storage Building
S03776	Gas Station Building
T03777	Vehicle Maintenance Shop
T03778	Storeroom
S03780	Vehicle Maintenance Shop
T03783	Vehicle Storage
T03803	General Purpose Warehouse
P03804	Warehouse
P03805	Workshop
T03843	Storage
T03845	Storage
S03854	Electrical Maintenance Shop
S03855	Maint Shop General Purpose
S03856	Maint Shed General Purpose
S03857	Maint Shed General Purpose
S03858	Maint Shed General Purpose
S03859	Vehicle Storage
S03860	Support Service Admin Bldg
S03861	Support Service Admin Building
P03862	Water Pump House
S03865	Electrical Maintenance Shop
T03867	Vehicle Maintenance Shop
T03870	Oil Storage Building
T03871	Gas Station Building
T03872	Vehicle Maint Shed Ordinance
T03875	Oil Storage Building
T03877	Supply Service Admin Building
P03880Z	Bank of America

VOLUME 49 - BUILDINGS 17321

NO.	USAGE
P03891	Field House
P03895	Bowling Center
S03896	Recycling Facility
S03897	Vehicle Maintenance Shop
S03898	Vehicle Maintenance Shop
S03899	Recycling Facility
T03900	Power Plant Building
T03902	Observation Tower
S03903	Covered Training Area
S03905	Ammo Breakdown Point
S03907	Covered Training Area
P03908	Range House
T03911	Observation Tower
T03913	Guard Tower
S03915	Facilities Engineer
T03917	Observation Tower
T03926	Covered Training Area
S03928	Guard Tower
S03929	Fixed Ammunition Magazine
T03930	Range House
P03934	Range House
S03935	Observation Tower
S03936	Covered Training Area
S03937	Covered Training Area
S03939	Covered Training Area
S03940	Observation Tower
S03941	Fixed Ammunition Magazine
T03942A	Observation Tower
P03951	Range House
S03952	Observation Tower
T03953A	Observation Tower
T03953B	Observation Tower
T03953C	Covered Training Area
S03954	Covered Training Area
S03955	Covered Training Area
S03956	Covered Training Area
P03957	Unit Small Arms Storage
P03961	Range House
S03962	Observation Tower
S03963	Covered Training Area

VOLUME 49 – BUILDINGS (CONTINUED)

NO.	USAGE
S03964	Covered Training Area
S03966	Covered Training Area
T03972	Observation Tower
P03980	Observation Tower
P03981	Range Facility
P03982	Observation Tower
T03983A	Observation Tower
T03984	Gas Chamber
P03985	Radio Transmitter Building
T03988	Ammunition Breakdown Point
T03990	Applied Instruction Building
T04100	Golf Club House
T04103	Golf Course Snack Bar
T04104	Lavatory Building
S04105	Golf Course Maintenance Bldg

VOLUME 50 – BUILDINGS 17684

NO.	USAGE
T04106	Lavatory Building
S04107	Golf Course Maintenance Bldg
P04108	Water Pump Plant
T04109	General Purpose Warehouse
T04110	General Storehouse
T04214	Information Stand
T04215	N/A
P04220	Service Station
P04225	Post Office Main
P04227	Exchange Service Outlet
P04230	Theater with Dressing Room
P04235	Post Exchange/Shops
P04240	Commissary
P04242Z	Credit Union
P04250	Telecom Exchange Building
S04251	General Storehouse
S04251A	Office Trailer
S04251B	Office Trailer
P04260	Dining Facility, NCO
P04275	Library Main
P04280	Post Chapel
T04282	Youth Center
P04283	Youth Center
P04291	Exchange Branch
P04360	Officers Quarters Transient
P04361	Officers Quarters Transient
P04362	Officers Quarters Transient
P04363	Officers Quarters Transient
P04364	Officers Quarters Military
P04365	Officers Quarters

VOLUME 51 – BUILDINGS 18145

NO.	USAGE
P04366	Officers Quarters
P04368	Open Dining Facility Officers
P04371	Ground Storage Tank
P04372	Transmitter Building
P04373	Radio Transmitter Building
P04374	Pumphouse
P04375	Elevated Water Storage Tank
P04379	N/A
P04380	Hospital Clinic
P04385	Hospital
P04386	Enlisted Barrack without Dining
P04387	Enlisted Barrack without Dining
P04390	Dental Clinic
P04395	Water Pumphouse
P04399	Dental Clinic
P04400	Fire Station
P04401	Applied Instruction Building –
S04403	Fire Station
P04405	Exchange Cafe
P04408	Battalion Admin and Classroom

VOLUME 52 – BUILDINGS 18508

NO.	USAGE
P04418	Battalion Admin and Classroom
P04419	Exchange Branch
P04420	Clinic without Beds
S04421	Administration General Purpose
P04423	Regiment Headquarters Bldg
P04424	Ground Storage Tank
P04426	Unit Chapel
S04427	Chapel Center Facility

VOLUME 52 – BUILDINGS (CONTINUED)

NO.	USAGE
P04429A	Power Plant Building
P04430	Enlistd Prsnnl Barrack w/ Dining
P04432	Enlistd Prsnnl Barrack w/ Dining
P04434	Enlistd Prsnnl Barrack w/ Dining
P04436	Enlisted Barrack without Dining
T04437	Scale House
P04438	Battalion Headquarters Building
T04439	Ready Building
P04440	Enlisted Barrack without Dining
P04442	Enlisted Barracks With Admin
P04444	Enlisted Barracks without Dining
T04445	Deployment Stage Building
P04446	Enlisted Barracks with Dining
T04447	Scale House
P04448	Battalion Headquarters Building
P04450	Admin and Supplies Bldg
P04451	Enlisted Barrack without Dining

VOLUME 53 – BUILDINGS 18934

NO.	USAGE
P04452	Enlisted Barracks without Dining
P04453	Enlisted Personnl Dining Facility
P04454	Enlisted Barrack without Dining
P04455	Enlisted Personnel Dining
P04456	Enlisted Barrack without Dining
P04457	Enlisted Barrack without Dining
P04458	Administrative and Supply Bldg
T04461	Operations General Purpose
P04463	Regimental Headquarters Bldg
P04464	Administration and Supply Bldg
P04465	Battalion Admin and Classroom
P04466	Enlisted Barrack without Dining
P04467	Enlisted Barrack without Dining
P04468	Enlisted Personnel Dining
P04469	Enlisted Barrack without Dining
P04470	Enlisted Personnel Dining
P04471	Enlisted Barracks without Dining
P04472	Enlisted Barracks without Dining
P04473	Administration and Supply Bldg
P04474	Operations General Purpose
P04475	Water Storage Tank
T04477	Administration General Purpose
T04479	Operations General Purpose
T04479A	Operations General Purpose
P04480	Gymnasium

VOLUME 54 – BUILDINGS 19322

NO.	USAGE
P04481	Exchange Branch
P04482	Clinic without Beds
P04483	Unit Chapel
P04487	General Purpose Warehouse
P04488	Company Headquarters Bldg
P04489	Battalion Admin and Classroom
S04490	Medical Supply Warehouse
S04491	Medical Supply Warehouse
P04492	Skill Developmt Ctr/Auto Crafts
P04492A	Flammable Material Storage
P04492C	Sentry Station
P04493	Gas Station Building
P04495	Vehicle Maintenance Shed
P04497	Inflammable Materials Storage
P04499	Vehicle Maintenance Shed
P04499A	Vehicle Maintenance Shed
P04499B	General Purpose Warehouse
P04501	Wheeled Vehicle Grease Ramp
P04502	Wash Platform
P04503	Inflammable Materials Storage
P04504	Inflammable Materials Storage
P04506	Vehicle Maintenance Shop
P04506A	General Purpose Warehouse
P04506B	General Purpose Warehouse
P04510	Inflammable Material Storage
P04512	Vehicle Maintenance Shop
P04512A	General Purpose Warehouse
P04512B	General Purpose Warehouse
P04516	Inflammable Material Storage
P04518	Vehicle Maintenance Shop
S04518A	Administration General Purpose
T04518B	Administration General Purpose
P04518C	Fixed Barbecue
P04518D	General Purpose Storeroom
P04522	Vehicle Maintenance Shop
P04522A	General Purpose Warehouse
P04525	Oil Storage Building
P04526	Gas Station Building

VOLUME 54 – BUILDINGS (CONTINUED)

NO.	USAGE
P04527	Vehicle Maintenance Shop
S04527A	Company Headquarters Bldg

VOLUME 55 – BUILDINGS 19705

NO.	USAGE
P04528	Communications Center
P04530	Dispatch Building
S04530A	Administration General Purpose
P04531	Oil Storage Building
P04534	Vehicle Maint Shed Ordinance
P04536	Vehicle Maintenance Shop
S04536A	Company Headquarters Bldg
P04537	Vehicle Maint Shed Ordinance
S04537A	Company Headquarters Bldg
P04538	Vehicle Maintenance Shop
P04541	Oil Storage Building
P04544	Vehicle Maintenance Shed
P04545	Gas Station Building
P04548	Vehicle Maint Shed Ordinance
P04550	Battalion Headquarters Building
P04551	Oil Storage Building
P04552	Enlistd Barracks/Persnnl Dining
P04554	Enlisted Barracks/Administration
P04556	Enlistd Barracks/Persnnl Dining
P04557	General Purpose Warehouse
P04558	Enlisted Barracks with Dining
P04560	Battalion Headquarters Building
P04562	Enlisted Barrack/Administration
P04564	Enlisted Barracks With Dining
P04566	Enlisted Barracks and Classrms

VOLUME 56 – BUILDINGS 20091

NO.	USAGE
P04568	Enlisted Barracks with Dining
P04570	Regimental Headquarters Bldg
P04572	Snack Bar
P04573	Clinic without Beds
P04575	Exchange Branch
P04580	Enlisted Barracks with Dining
P04582	Enlisted Barracks with Classrms
P04584	Enlistd Barracks/Persnnl Dining
P04586	Enlisted Barrack/Administration
P04588	Battalion Headquarters Building
P04590	Enlisted Barrack/Classroom
P04592	Enlisted Barrack/Persnnl Dining
P04594	Enlisted Barrack/Administration
P04596	Enlisted Barrack/Persnnl Dining
P04598	Battalion Headquarters Building
P04780	Battalion Headquarters Building
P04782	Enlisted Barrack/Persnnl Dining
P04784	Enlisted Barracks/Administration
P04785	N/A
P04786	Enlisted Barracks with Dining

VOLUME 57 – BUILDINGS 20505

NO.	USAGE
P04790	Battalion Headquarters Building
P04791	Enlisted Barracks without Dining
P04792	Enlisted Barracks without Dining
P04793	Enlisted Barracks without Dining
P04794	Enlisted Barrack with Dining
P04795	Regimental Headquarters Bldg
P04796	Enlisted Barracks without Dining
P04797	Enlisted Barrack without Dining
P04798	Enlisted Barrack without Dining
P04799	Enlisted Barrack without Dining
P04800	Battalion Classroom
T04801	Battalion Classroom
T04802	Administration General Purpose
T04803	Battalion Classroom
T04804	Administration General Purpose
P04810	Battalion Classroom
P04850	Gas Station Building
P04851	Dispatch Building
P04852	Gas Station Building
P04855	Vehicle Maint Shed Ordinance
P04856	Vehicle Maint Shop Ordinance
P04857	Vehicle Maintenance Shop
P04858	Vehicle Maintenance Shop
P04859	Vehicle Maintenance Shop

VOLUME 57 - BUILDINGS (CONTINUED)

NO.	USAGE
P04860	Vehicle Maintenance Shop

VOLUME 58 - BUILDINGS 20872

NO.	USAGE
P04861	Gas Station Building
P04862	Oil Storage Building
P04863	Oil Storage Building
P04866	Oil Storage Building
P04867	Oil Storage Building
P04885	Vehicle Maintenance Shop
S04887	General Purpose Warehouse
S04888	General Purpose Warehouse
S04889	General Storehouse
S04890	General Storehouse
T04891	Recycling Facility
S04892	General Purpose Warehouse
T04893	Engineer Administration Bldg
T04894	Engineering Administration Bldg
P04896	Engineers Facility
P04897	Facility Engineers
P04898	Facility Engineers
P04899	Engineer Administration
T04899B	Engineer Administration Bldg
T04899C	Engineering Administration Bldg
P04899D	Engineering Administration Bldg
T04899E	Engineer Administration Bldg
T04899F	Facilities Engineer Storehouse
T04899G	Storeroom
P04900	Maint Shop General Purpose
T04901	Components Cleaning Facility
S04903	Oil Storage Building
P04904	Maint Shop General Purpose
T04905	General Storehouse
T04906	Sewage Pump Station
S04909	General Storehouse
P04910	Dispatch Building
P04912	Inflammable Material Storage
P04913	Flammable Material Storehouse
S04914	General Storehouse
T04915	Engineer Administration Bldg
P04950	Guard Tower
P04951	General Storehouse
P04952	Guard Tower
P04953	Confinement Facility

VOLUME 59 - BUILDINGS 21280

NO.	USAGE
S04954	Confinement Facility
S04955	Power Plant Building
P04956	Guard Tower
P04957	Sewage Pump Station
P04974	Water Pump Plant
P04975	Water Treatment Building
P04976	Ground Storage Tank
P05015	Sewage Pump Treatmt Station
P05065	Water Pumping Station
P05398	Sewage Pump Station
P05447	Sewage Pump Station
P05713	Sewage Pump Station
P05871	Sewage Pump Station
P05987	Chlorinator Building
P05989	Administration General Purpose
P05990	Sewage Pump Station
P06001	Water Well Pump Building
P06003	Water Well Pump Building
P06004	Water Well Supply Building
P06005	Water Well Pump Building
P06130	Sewage Pump Station
P06143	Sewage Pump Station
P06160	Exchange Branch
P06161	Exchange Service Station
P06165	Exchange Special Support
P06225	Sewage Pump Station
T06311A	Morale Support Office
P06634	Sewage Pump Station
T06940	Morale Support Office
P07693	Child Support Center
T07693A	Recreation Building
T07693B	Recreation Building
T07693C	Recreation Building
P07698	Pumphouse
P07922	Administration General Purpose
P08269	Ground Storage Tank
T08301	General Storehouse
T08302	Observation Tower
T08302A	Observation Tower
T08304	Observation Tower

VOLUME 59 - BUILDINGS (CONTINUED)

NO.	USAGE
T08305	Covered Training Area
T08312	Observation Tower
T08313	General Storehouse
S08775	Sewage Pump Station
TR09010	Range Support
TR09020	Range Support Building
TR09021	Field Range Latrine
TR09022	Range Storage
TR09030	Field Range Latrine
TR09031	Field Range Latrine
TR09040	Field Range Latrine
TR09041	Range Support Building
T09042	N/A
TR09050	Field Range Latrine
TR09060	Field Range Latrine
TR09070	Field Range Latrine
TR09080	Range Support Building
TR09081	Observation Tower
TR09082	Field Range Latrine
TR09083	Field Range Latrine

VOLUME 60 - BUILDINGS 21670

NO.	USAGE
TR09084	Field Range Latrine
TR09085	Field Range Latrine
TR09086	Field Range Latrine
TR09087	Field Range Latrine
TR09130	Range Support Building
TR09180	Field Range Latrine
TR09181	Field Range Latrine
TR09190	Field Range Latrine
TR09191	Field Range Latrine
TR09210	Field Range Latrine
TR09211	Covered Training Area
TR09220	Field Range Latrine
TR09230	Field Range Latrine
TR09240	Range Storage
TR09241	Observation Tower
TR09242	Field Range Latrine
TR09250	Observation Tower
TR09251	Field Range Latrine
TR09253	Covered Training Area
TR09260	Field Range Latrine
TR09261	Field Range Latrine
TR09262	Observation Tower
TR09264	Covered Training Area
TR09265	Covered Training Area
TR09271	Field Range Latrine
TR09272	Field Range Latrine
TR09280	Field Range Latrine
TR09281	Covered Training Area
TR09290	Field Range Latrine
TR09291	Covered Training Area
TR09300	Field Range Latrine
TR09310	Field Range Latrine
TR09320	Field Range Latrine
TR09321	Observation Tower
TR09323	Field Range Latrine
TR09340	Observation Tower
TR09341	Field Range Latrine
TR09350	Field Range Latrine
T09352	N/A
T09353	N/A
T09354	N/A
TR09355	General Purpose Warehouse
TR09356	Storage Shed
TR09370	Range Support Building
TR09371	Field Range Latrine
TR09372	Field Range Latrine
TR09374	Observation Tower
TR09375	Covered Training Area
TR09376	Covered Training Area
T09377	N/A
TR09380	Field Range Latrine
TR09381	Field Range Latrine
TR09382	Field Range Latrine
TR09386	Observation Tower
TR09387	Observation Tower

VOLUME 61 - BUILDINGS 22044

NO.	USAGE
TR09388	Covered Training Area
TR09390	Field Range Latrine
TR09391	Covered Training Area
TR09400	Observation Tower
TR09402	Observation Tower
TR09403	Observation Tower

VOLUME 61 - BUILDINGS (CONTINUED)

NO.	USAGE
TR09410	Observation Tower
TR09411	Range Support Building
TR09412	Field Range Latrine
TR09413	Range Support Building
TR09420	Range Support Building
TR09422	Observation Tower
TR09423	Field Range Latrine
TR09430	Observation Tower
TR09431	Field Range Latrine
T09432	N/A
TR09440	Observation Tower
TR09441	Field Range Latrine
TR09443	Covered Training Area
TR09450	Range Support Building
TR09451	Field Range Latrine
TR09460	Range Support Building
TR09461	Range Support Building
TR09462	Range Support Building
TR09463	Field Range Latrine
TR09480	Observation Tower
TR09481	Range Support Building
TR09482	Field Range Latrine
TR09483	Field Range Latrine
TR09484	Observation Tower
TR09485	Covered Training Area
TR09486	Covered Training Area
TR09488	Range Support Building
TR09510	Field Range Latrine
TR09511	Range Support Building
TR09520	Range Support Building
TR09520A	Range Storage
TR09521	Field Range Latrine
P09920	General Instruction Building
P09921	General Instruction Building
P09922	General Instruction Building
P09923	General Instruction Building
1A10	Range Storeroom
1A21	Storeroom
1A39	Railhead Storage

VOLUME 62 - BUILDINGS 22401

NO.	USAGE
T1A42	Storage Building
1A47	Range Storage
1A60	Range Storage Building
1A71	Generator Room
1A73	Range Storage
1A75	Ammunition Breakdown Point
1A77	Range Storage Building
1A85	Range Storage
1A89	Range Storage
1A90	Storeroom
1A99	Range Storage
1A100	Range Storage
1A102	Range Storage
1A118	Range Storage
1A120	Range Storage
1A121	Range Storage
1A124	Storage Building
1A125	Storeroom
1A127	Storeroom
1A129	Range Storage
1A136	COE Office Trailer
1A142	Office Building
2A39	Range Storage Building
2A40	Range Support Building
2A41	Range Storage
2A45	Range Support Building
2A46	Range Storeroom
2A49	Storeroom
2A50	Range Storage
2A51	Range Storage
2A53	Range Storage
2A54	Range Storage
2A55	Range Storage
2A56	Range Storage Building
2A58	Range Storeroom
2A60	Range Storage
2A62	Range Storage
2A63	Range Storage
3A14	Observation Tower
3A34	Observation Tower
4A11	Field Range Latrine
4A13	Field Range Latrine
4A14	Field Range Latrine
4A15	Field Range Latrine
4A16	Field Range Latrine

VOLUME 63 - BUILDINGS 22752

NO.	USAGE
4A18	Field Range Latrine
4A19	Field Latrine
4A21	Field Latrine
4A22	Field Latrine
4A26	Field Range Latrine
4A29	Field Range Latrine
4A30	Field Range Latrine
4A34	Field Range Latrine
4A35	Field Range Latrine
4A41	Field Range Latrine
4A43	Field Range Latrine
4A44	Field Range Latrine
4A46	Field Range Latrine
4A48	Range Storage
4A49	Field Range Latrine
4A50	Field Range Latrine
4A50L	Field Range Latrine
4A51	Field Range Latrine
4A55	Field Range Latrine
4A56	Field Range Latrine
4A58	Field Range Latrine
4A60	Field Range Latrine
4A63	Field Range Latrine
4A64	Field Range Latrine
4A65	Field Range Latrine
4A66	Field Range Latrine
4A74	Field Range Latrine
4A75	Field Range Latrine
4A77	Field Range Latrine
4B11	Field Range Latrine
4B13	Field Range Latrine
4B16	Field Range Latrine
4B20	Field Range Latrine
4B21	Field Range Latrine
4B25	Field Range Latrine
4B27	Field Range Latrine
4B28	Field Range Latrine
4B32	Field Latrine
4B36	Field Latrine
4B38	Field Range Latrine
4B43	Field Range Latrine
4B44	Field Range Latrine
4B50	Field Range Latrine
4B51	Field Range Latrine
4B52	Field Range Latrine
4B53	Field Range Latrine
4B55	Field Latrine
4B57	Field Range Latrine
4B58	Field Range Latrine
4B59	Field Ranage Latrine

VOLUME 64 - BUILDINGS 23125

NO.	USAGE
4B60	Field Range Latrine
4B61	Field Range Latrine
4B62	Field Range Latrine
4B63	Field Range Latrine
4B65	Field Latrine
4B68	Field Latrine
4B69	Field Range Latrine
4B70	Field Latrine
4B74	Field Range Latrine
4B75	Field Latrine
4B77	Field Range Latrine
4B78	Field Range Latrine
5A50	Field Range Latrine
6A5	Field Range Latrine
ABP-2	Ammunition Breakdown Point
Annex-1	Storage
Annex-2	Storeroom
Annex-3	Storeroom
DEI-01	Range Storage Building
DEI-02	Range Storage Building
DEI-03	Range Support Building
DEI-04	Covered Training Area
DEI-05	Covered Training Area
DEI-06	Field Range Latrine
DEI-07	Covered Training Area
DEI-08	Amphitheatre
DEI-10	Covered Training Area
DEI-11	Covered Training Area
DEI-12	Covered Training Area
DEI-13	Covered Training Area
DEI-14	Range Storage
DEI-15	Guard Shack
DEI-16	Covered Training Area
DEI-17	Covered Training Area
DEI-18	Covered Training Area
DEI-19	General Shack
DEI-21	Aircraft Mock-Up
DEI-22	Army Harbor Craft Office
DEI-23	Range Storage
DEI-24	Range Support Building

VOLUME 64 - BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
DEI-25	Range Storage	DEI-30	Radar Storage
DEI-26	Range Storage	DEI-31	Storeroom
DEI-27	Range Storage	DEI-32	Storeroom
DEI-28	Storeroom	DEI-33	Storage Building
DEI-29	Guard Shack	DEI-34	Storage Building

VOLUME 65 - BUILDINGS 23487

NO.	USAGE	NO.	USAGE
DEI-35	Storage Building	DEI-62	Storage Building
DEI-36	Storage Building	DEI-63	Maintenance Shed
DEI-37	Storeroom	DEI-64	Office (Trailer)
DEI-38	Storage Building	DEI-65	Storage Building
DEI-39	Storeroom	DEI-66	Storeroom
DEI-40	Office and Storeroom	DEI-67	Storeroom
DEI-41	Storeroom	DEI-68	Warehouse
DEI-42	Storage Building	DEI-69	Warehouse
DEI-44	Storeroom	DEI-70	Office
DEI-45	Storeroom	DEI-71	Storeroom
DEI-46	Storeroom	DEI-72	Office
DEI-48	Storeroom	DEI-73	Maintenance Shed
DEI-49	Storeroom	DEI-74	Storage
DEI-50	Storage Building	DEI-75	Latrine
DEI-51	Storeroom	DEI-76	Storage Shed
DEI-52	Storage Building	DEI-77	Storeroom
DEI-53	Storage Building	DEI-78	Storeroom
DEI-54	Storage Building	DEI-79	Electrical Equipment Storage
DEI-55	Storage Building	DEI-80	Storeroom
DEI-56	Paper Pulverizing Building	DEI-81	Stand-by Generator
DEI-57	Storeroom	DEI-82	Garage
DEI-58	Storeroom	DEI-83	Pumphouse
DEI-59	Storage Building	DEI-84	Storeroom
DEI-60	Office Building	DEI-85	Generator Room
DEI-61	Administration General Purpose	DEI-86	Storeroom

VOLUME 66 - BUILDINGS 23842

NO.	USAGE	NO.	USAGE
DEI-87	Storage Shed	DEI-98	Storage Shed
DEI-88	Garage	DEI-99	Sentry Station
DEI-89	Storeroom	DEI-100	Storeroom
DEI-90	Storage Shed	DEI-101	Storage
DEI-91	Storage Shed	DEI-102	Display Case
DEI-92	Storage Shed	DEI-103	Storeroom
DEI-93	Storage Shed	DEI-104	Weightroom
DEI-94	Storeroom	DEI-105	Storage Shed
DEI-95	Storage Shed	DEI-106	Ammunition Breakdown Point
DEI-96	Storage Shed	DEI-107	Storeroom
DEI-97	Storage Shed	DEI-108	Storeroom

VOLUME 66 - BUILDINGS (CONTINUED)

NO.	USAGE	NO.	USAGE
DEI-109	Storeroom	S-6	Office
DEI-110	Generator Room	S-7	Office
DEI-111	Storeroom	S-8	Office
DEI-112	Office	S-12	Office
DEI-113	Storeroom	S-26	Maintenance Shed
TPIER	Loading Pier	S-28	Storeroom

EXECUTIVE SUMMARY

INTRODUCTION

At the direction of the United States Army Sacramento District Corps of Engineers (COE), Diagnostic Engineering Inc. (DEI) surveyed facilities at Fort Ord in Fort Ord, California, for asbestos-containing materials. Located along the Pacific Ocean in northern Monterey County, Fort Ord is the home of the U. S. Army's 7th Infantry (Light). Fort Ord is approximately 100 miles south of San Francisco, occupies approximately 28,000 acres (44 square miles) and is situated adjacent to Monterey Bay and the cities of Seaside, Sand City, Del Rey Oaks, Monterey and Marina. Major access roads are State Highway 1 running north-south and Highway 68 running east-west.

This effort was performed as part of "PN 928, Installation Wide Asbestos Identification Survey at Fort Ord and Subinstallations, California"; 2137 structures were surveyed. This survey included review of existing construction documentation, physical assessment of materials within each structure, sampling and laboratory analysis of suspect materials and the estimation of the quantity of these materials, and Code A cost estimates.

This work was performed under Contract No. DACA05-89-C-0181 and was authorized in Modifications No. 7, 8, 9 (Option 6) and 10 of the contract. The total square footage covered by these modifications was approximately 7,985,700 square feet. In addition, 363 structures (listed below) covering approximately 1,303,600 square feet were surveyed before the facility-wide survey began in October of 1991. The data applicable to the 363 structures was incorporated into this facility-wide report dated April 26, 1993.

T00008	P00908	T01704	T01733	T01767	T01807	T01908
T00009	P00909	T01705	T01734	T01768	T01808	T01909
T00010	P00910	T01706	T01735	T01769	T01809	T01910
P00012	P00911	T01707	T01740	T01770	T01812	T01911
T00022	P00912	T01708	T01741	T01771	T01817	T01912
T00023	T00914	T01709	T01742	T01772	T01820	T01913
T00026	P00915	T01710	T01743	T01773	T01822	T01914
P00033	S00916	T01711	T01744	T01774	T01824	T01915
P00074	T00919	T01712	T01746	T01775	T01826	T01916
P00075	T00920	T01713	T01747	T01777	T01828	T01917
P00076	S00921	T01714	T01748	T01780	T01831	T01920
P00077	S00922	T01715	T01749	T01781	T01834	T01921
P00078	T00924	T01716	T01750	T01782	T01836	T01922
P00079	T01140	T01720	T01751	T01783	T01883	T01923
P00080	T01160 NF	T01721	T01752	T01784	T01885	T01924
P00081	T01180	T01722	T01753	T01785	T01888	T01925
P00083	T01431	T01723	T01754	T01786	T01891	T01926
T00135	T01457	T01724	T01755	T01787	T01894?	T01927
T00551	T01468	T01725	T01756	T01788	T01895	T01928
P00901	T01641	T01726	T01760	T01789	T01901	T01929
P00902	T01642	T01727	T01761	T01790	T01902	T01930
P00903	T01643	T01728	T01762	T01801	T01903	T01932
P00904	T01683*	T01729	T01763	T01803	T01904	T01933
P00905	T01701	T01730	T01764	T01804	T01905	T01934
P00906	T01702	T01731	T01765	T01805	T01906	T01935
P00907	T01703	T01732	T01766	T01806	T01907	T01936

T01940	T01968	P01997	T02316	T02350	T02384	T02876
T01941	T01969	T02004	T02321	T02351	T02385	T02884
T01942	T01970	T02008	T02322	T02352	T02386	T02992
T01943	T01971	T02015	T02323	T02353	T02387	T03039
T01944	T01972	T02016	T02324	T02354	T02388	T03114
T01945	T01973	T02054	T02325	T02355	T02389	T03118
T01946	T01974	T02056	T02326	T02356	T02390	T03119
T01947	T01975	T02057	T02327	T02361	T02391	T03125
T01948	T01976	P02075*	T02328	T02362	T02392	T03131
T01949	T01980	P02076*	T02329	T02363	T02393	T03181
T01950	T01981	T02251	T02330	T02364	T02394	T03182
T01951	T01982	T02252	T02331	T02365	T02395	T03183
T01952	T01983	T02290	T02332	T02366	T02396	T03184
T01953	T01984	T02294	T02333	T02367	T02410	T03185
T01954	T01985	T02302	T02334	T02368	P02420	T03186
T01955	T01986	T02303	T02335	T02369	T02438	T03187
T01956	T01987	T02305	T02336	T02370	T02450	T03188
T01957	T01988	T02306	T02341	T02371	T02451*	T03189
T01960	T01989	T02307	T02342	T02372	T02501	T03843
T01961	T01990	T02309	T02343	T02373	T02548	T03845
T01962	T01991	T02310	T02344	T02374	T02568	P03891
T01963	T01992	T02311	T02345	T02375	T02608	T04100
T01964	T01993	T02312	T02346	T02376	T02829	P04220
T01965	T01994	T02313	T02347	T02381	T02830	P04235
T01966	T01995	T02314	T02348	T02382	T02833	P04260
T01967	T01996	T02315	T02349	T02383	T02856	

* Further sampling performed: "nonexistent" building found at new location; separate structures surveyed as one facility under previous limited scope but having multiple types of materials.

PROJECT DISCUSSION

General Information

The scope of the project was to survey each structure at Fort Ord, locate and identify suspect asbestos-containing materials (ACM), and to determine the material friability, condition, and potential for damage. Fort Ord, which was originally acquired in 1917, has gone through several stages of development. Building types range from two-story wooden barracks to an eight-level acute care hospital. Building usages include aviation hangars, vehicle maintenance shops, chapels, general purpose administration, range support, storerooms, and confinement facilities.

DEI was on site for the facility-wide survey from October 1991 through April 1993. The previous surveys for the 363 structures began in May 1989 and were completed in March 1991. The field investigation conducted at Fort Ord included buildings and structures located throughout the Contonement area (vicinity of the Administration/barracks complex), the East Garrison, Fritzsche Field, beach and inland firing ranges, remote training areas, and several off-site locations. In addition to buildings, DEI encountered other structures such as mobile trailers, field ammunition bunkers, demolished building foundations, storage containers and pads, septic tank drainage fields, vehicle grease racks and wash pads.

Several buildings included in the scope of work did not exist at the time of the survey and are listed below.

P00028	T00830	T02602	T03054	P05987	T09353
T00497	T00924	T02870A	T04215	P05989	T09354
P00530	T02057	T03051	P04379	T09042	T09377
T00541	P02077	T03053	P04785	T09352	T09432

Site plans reflect a structure's location on the date it was surveyed. Several Range and Remote area structures were relocated after their survey date. Buildings surveyed prior to the start of the October 1991 facility-wide survey which have been subsequently destroyed are included on the site plans.

Approximately 552 buildings and structures not included in the original scope of work were identified as having suspect asbestos-containing materials during a drive-by reconnaissance of the entire Fort Ord property. Many of the structures identified were not included in a building inventory maintained by the Real Property branch of the Directorate of Engineering and Housing (DEH). These additional structures were either unnumbered or had numbers assigned to them by the Directorate of Logistics (DOL). Unnumbered buildings were assigned a "DEI" number. The locations of the DOL and DEI numbered structures are listed in Table 5. Structures such as grease racks and drainage fields that are included in the Real Property inventory of buildings were initially surveyed to determine the likelihood of asbestos-containing materials being present in these structures. Once it was determined that these structures contained no suspect materials, they were eliminated from the field investigation. Structures with suspect materials were surveyed and are included in the Building Information section of this report.

The following building numbers were listed on individual "Hand Receipt" inventories maintained by Real Property. After contact was made with the individual responsible for each of the buildings and/or an effort to physically locate the buildings failed, it was determined that these buildings do not exist.

00187	Unknown Usage	2A27	Range Storage	TTA603	Field Range Latrine
00379	MOUT Range	2A38	Range Storage	TTA605	Field Range Latrine
03814	Range Storage	3A23	Observation Tower	TTA607	Field Range Latrine
03904A	Fixed Ammunitn Mgzn	3A28	Observation Tower	TTA609	Field Range Latrine
03920	Range Storage	3A29	Observation Tower	TTA621	Field Range Latrine
03938	Range Storage	3A30	Observation Tower	TTA623	Field Range Latrine
03958	MOUT Range	4B35	Field Range Latrine	TTA681	Field Range Latrine
09282	Covered Training Area	4B56	Field Range Latrine	TTA701	Field Range Latrine
1A119	Range Storage	4B66	Field Range Latrine	TTA721	Field Range Latrine
1A013	Storage	4B67	Field Range Latrine	TTA723	Field Range Latrine
1A045	Range Storage	TTA401	Field Range Latrine	TTA741	Field Range Latrine
1A050	Range Storage	TTA421	Field Range Latrine	TTA811	Field Range Latrine
1A072	Range Storage	TTA423	Field Range Latrine	TTA831	Field Range Latrine
1A074	Range Storage	TTA425	Field Range Latrine	TTA832	Field Range Latrine
1A080	Range Storage	TTA431	Field Range Latrine	TTA833	Field Range Latrine
1A082	Range Storage	TTA441	Field Range Latrine	TTA834	Field Range Latrine
1A083	Range Storage	TTA551	Field Range Latrine	TTA851	Field Range Latrine
1A084	Range Storage	TTA553	Field Range Latrine		
2A26	Range Storage	TTA601	Field Range Latrine		

There were several Remote area structures surveyed in which no suspect asbestos-containing materials were observed. Samples were not collected in these structures. In addition, many Remote and Contonement area structures surveyed had roofs composed of materials (metal, wood, or dirt) in which no suspect asbestos-containing materials were observed. See Table 2 later in this section for a listing of structures in which no asbestos-containing materials were detected.

Inspection and Sampling

Typical suspect materials sampled include, but are not limited to, the following: surfacing materials (sprayed or troweled-on structural members, ceilings, and walls, such as fireproofing, thermal insulation, acoustic or decorative materials); thermal system insulation (pipe, boiler, tank, equipment, duct or other HVAC insulation materials); and miscellaneous materials (construction materials for roofs, ceilings, floor and walls, such as tiles/panels, sheeting, wallboard/joint compound, paints, coatings and roofing materials). Destructive inspection methods to find concealed asbestos are used only in those areas specified by the COE. Areas surveyed include basements, attics, closets, crawl spaces, living and work spaces, roofs, ceiling cavities, air plenums, and boiler, furnace, and mechanical rooms.

DEI typically surveys buildings in teams of two, one person documenting the proceedings of the survey, the other performing bulk sampling and other miscellaneous activities. The team performs a preliminary visual inspection of the building and site to identify and quantify suspect ACM. A sampling strategy is then developed to provide representative sampling. Each sample is placed in a container, the container is sealed, labeled and placed in a storage bag. Samples are documented by entering the sample data, including a description of the material, sample number, location, condition, accessibility, friability and quantity, on a bulk log. The sample location is marked on pre-approved forms (typically 8-1/2 x 11 inch not-to-scale floor plans). In addition, a photograph is taken to further document the sampled material, its condition and location. Throughout the process, special care is taken to prevent cross-contamination of the collected samples. Sampling equipment is cleaned before and after each sample is obtained. In addition, sample containers are placed directly beneath each sample location, when feasible, to collect any materials which may become dislodged during the sampling process. Any debris generated by the sampling is cleaned by wet-cleaning methods. Sample locations are appropriately repaired.

Laboratory Procedures and Results

Upon the completion of the building survey, Chain-of-Custody forms are completed and the samples are transferred to DEI's in-house laboratory, Hygeia Environmental Laboratories Inc. (Hygeia), for analysis. Bulk sample analysis is conducted by Polarized Light Microscopy (PLM) with dispersion staining as described in the "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", Method EPA-600/M4-82-020 (Federal Register/Volume 47, No. 103, May 27, 1982). A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The colors displayed enable mineral identification. Once analyzed, results are entered on bulk logs and delivered to the survey team leader for inclusion in the report. Quality Control samples are sent to a second Hygeia laboratory for reanalysis. Should there be discrepancies in the analysis results, the Los Angeles-based Hygeia lab will do a reanalysis of the sample(s). DEI will then use the third set of results in the report.

NOTE: The amended National Emission Standards for Hazardous Air Pollutants (NESHAP), November 20, 1990, regulation included a requirement that when the asbestos content of a bulk sample material is determined using procedures outlined in the interim method (40 CFR Part 762, Appendix A to Subpart F), and the asbestos content is estimated to be less than 10% by a method other than Point Counting, the parties legally responsible for a building (owner/operator) may (1) elect to assume the amount to be greater than 1% and treat the material as a regulated asbestos-containing material, or (2) require verification of the amount by the Point Counting method. The purpose of this procedure is to minimize false negative analysis (reporting the sample as containing less than 1% asbestos for asbestos-containing samples actually containing greater than 1%) and false positives (reporting the sample as containing greater than 1% asbestos for samples actually containing less than 1% asbestc Point Counting was included in NESHAP in response to an EPA study that found an unacceptal amount of false negative and false positive analyses by methods outlined in the interim method.

Material Assessment

During the survey materials are classified as either friable or nonfriable. For most materials friability is simple to determine; however, select materials require special consideration. For example, joint compound and wallboard in generally good condition and covered by an impermeable finish (e.g., paint, coating or wallcovering) is usually considered by DEI standards as nonfriable. The same materials left unfinished and exposed are classified as friable. Materials such as wallboard, joint compound, plaster, and stucco in their finished state and in generally good condition are classified as nonfriable; however, these materials often may be rendered friable when they are involved in repair, renovation, or demolition activities. Some typically nonfriable materials also may become friable due to aging or deterioration causing elements to separate from their binding agents. Visual inspection and physical handling is performed for all suspect materials to ensure proper friability classification.

The condition of materials is then assessed for any damage by impact, water, aging, deterioration or delamination from their substrate. In addition, assessment is made of the potential for damage by contact, vibration, or air erosion. Once all assessments are made, the asbestos-containing material is assigned an abatement and/or management priority rating based on type of material, condition and potential for damage. (Refer to Definitions of DEI's Priority Rating System Codes in the Building Information section of this report.)

Inaccessible Areas and Suspect Materials

Unless directed otherwise by the COE, the scope of the survey is confined to accessible rooms and areas. Rooms or areas that are not made available for inspection or are inaccessible for reason of safety are identified in the report. Similarly identified are inaccessible suspect materials. Inaccessible suspect materials fall into two categories: (1) materials which may contain asbestos but which are not sampled because of physical barriers; i.e., cores within fire-rated/insulated doors, file cabinets and safes; thermal insulation concealed in equipment (boilers, duct work and other HVAC equipment, etc.); and thermal insulation concealed in voids (wall, floor, ceiling and other cavities, etc.); and (2) materials which are visible but which are not sampled due to inaccessibility, i.e., materials that cannot be safely reached with available ladders/man-lifts, or materials within confined spaces that cannot be safely accessed by survey personnel.

Inaccessible materials need not be sampled immediately, but must be sampled prior to any repair, renovation or demolition activity that may affect the material. Access in some instances may require destructive investigation. Until sampling is performed, inaccessible suspect material should be assumed to contain asbestos. Inaccessible areas and suspect materials within a facility, if any, are identified for that facility in the Building Information section of this report.

Sampling and Laboratory Analysis Constraints

Facilities may have been constructed with materials that hinder representative sampling. These materials typically include joint compound, flooring mastic, roofing materials, plaster and wallboard. Such materials often are covered, coated or painted, etc., which may not permit DEI personnel to determine with a high degree of certainty that the material sampled is representative of all suspect materials in the facility with the same characteristics, or in technical terms, that the material sampled is "homogeneous" (uniform in color, texture, construction/application date, and general appearance).

Certain materials (generally nonfriable types) such as roofing products, joint compound, floor tiles and mastics have a mix of components (a matrix) which can interfere with the polarized light method of analysis, and/or are composed of asbestos fibers of small diameter which are invisible to the PLM microscope. These types of materials can yield false positive or false negative results. It is sometimes necessary to utilize Point Counting or Transmission Electron Microscopy (TEM) techniques, whichever

is appropriate for the type of material involved, to better confirm the presence or absence of asbestos fibers in these materials. This type of analysis (initial or subsequent to the initial analysis by PLM) is not performed by DEI unless directed otherwise by the COE.

In other cases, bulk samples collected from an apparently homogeneous material and yielding mixed results may in fact have been taken from different homogeneous materials displaying similar visual characteristics but composed of different constituents. Although materials may appear to be homogeneous, they may have been produced in different batches or by different manufacturers. Material which appears to be homogeneous but yields mixed results is typically assumed, in accordance with the Asbestos Hazard Emergency Response Act (AHERA) procedures, to be asbestos-containing in all areas where the material is located. DEI will only reclassify the material into separate homogeneous materials, one containing asbestos and one that does not, when both of the following conditions apply: there is strong evidence that the samples represent more than one homogeneous material, and the boundaries of the materials are unmistakably clear. In situations where the boundaries are not clear, additional research and sampling may be recommended.

The above sampling and laboratory analytical constraints can individually or collectively affect the findings and recommendations of the survey. However, DEI will not recommend further investigation, sampling or laboratory analysis to minimize their affects unless project management believes (1) the effort will be cost-effective (the benefits significantly outweigh the costs), and (2) the desired results are reasonably achievable from a technical standpoint. For example, it would not be cost-effective to conduct additional sampling of sprayed-on acoustical ceiling material in a 100 square foot room because of mixed sample results. However, this additional effort would be cost-effective if sample results for acoustical ceiling material used abundantly throughout a facility reveal a pattern of positive material on one floor and negative material on another.

Disclaimer

Reasonable effort is made by DEI personnel to locate and sample suspect materials. However, for any facility the existence of unique or concealed asbestos-containing materials and debris is a possibility. In addition, sampling and laboratory analysis constraints typically hinder the investigation. DEI does not warrant, guarantee or profess to have the ability to locate or identify all asbestos-containing materials in a facility.

Utility rooms and power vaults which are the property of a utility company, and areas determined by the DEI project manager as unsafe to access are excluded from the scope of work.

DEI does not employ professional cost estimators. Statements of probable construction costs or cost estimates prepared by DEI represent DEI's opinion of probable costs based upon current industry information. Actual costs may fluctuate due to several variables including, but not limited to, the time the work is performed, phasing, labor availability, quantity of work performed, product availability, specification requirements and unforeseeable changes in the economy and regulatory requirements.

DEI is not, and has no responsibility as, a generator, operator, treater, storer, transporter, or disposer of hazardous materials or waste found or identified as a result of DEI's work.

DEI does not guarantee or warrant that the workplace is safe, nor does DEI's involvement in this property relieve the COE of any continuing responsibility of providing a safe workplace.

FINDINGS, RECOMMENDATIONS AND COST ESTIMATES

In this report the findings, recommendations and estimated costs for each asbestos-containing material are put forth in a work item. A work item identifies asbestos-containing materials, lists the quantity,

condition, and location of the material(s), recommends an appropriate response action such as removal, repair, or management in place, and prioritizes the response action. When a response action of removal or repair is recommended, the work item provides a Code A cost estimate for the action. For a work item which recommends that the material be left in place and included in an operations and maintenance program (O&M), no work item cost is given; instead, a Code A cost estimate for the option of total removal and, in most cases, replacement of the materials is provided; this option is referred to as an additive item. The Current Working Estimate (CWE) is composed of the contractor cost(s), including mobilization/demobilization, plus costs for monitoring, site and utilities, contingencies during construction, and supervision and administration. The Total CWE is the sum of the Code A work item and additive item costs (see Table 4 later in this section). These costs do not include relocation expense or architectural and engineering fees. Cost escalation historically exceeds 8% per annum.

Work Items	$ 4,601,168
Additive Items	163,463,232
Total CWE	$168,064,400

At the time of the survey, several structures were observed to have asbestos conditions which require immediate attention, where an asbestos-containing material is damaged or exposed in such a way that there is significant potential for personnel exposure. DEI has assigned priority ratings of from 1 to 5 to work items with materials of concern (refer to Tables 1A and 1B). DEI's rating 1 – immediate total removal – designates a situation where a material should be removed as soon as possible. DEI's rating 2 – immediate repair and/or short-term removal – may designate a recommendation of short-term removal (within six months); or it may designate a situation in which some immediate repair work (performed as soon as possible) should suffice until a removal can be better coordinated within a short time. DEI's rating 3 – immediate repair, long-term removal – is a recommendation much like rating 2 except that it allows for a longer interval before the material is removed. Ratings of 4 or 5 specify management of the material in place after repairs have been performed. Regardless of the priorities determined at the time of survey, if changes should occur in the condition of the material or in the area usage, potential for personnel exposure could also change. Preliminary written notifications have been issued to Ms. Linda Finley-Miller, COE Project Manager and to the DEH Environmental Protection Specialist at Fort Ord for all facilities surveyed during the facility-wide survey in which significantly damaged materials were discovered. (See Definitions of DEI's Priority Rating System Codes in the Building Information section of this report for a complete listing of priorities.)

Some materials in good condition identified in the 363 structures surveyed prior to October 1991 have been assigned rating codes of 1 to 5. At the time the reports were written for these buildings, the COE had identified them as being scheduled for demolition; therefore, a recommendation for removal was given.

NOTE: Asbestos-containing HVAC flexible connectors have been assigned a rating of 1 or 2 due to the possibility of airborne asbestos fibers being released directly into the airstream. Should periodic air monitoring for airborne asbestos fibers, in conjunction with an Operations and Maintenance Program, demonstrate that there is no risk of airborne contamination from flexible connectors (in good condition), removal could be delayed until renovation or demolition activities warrant their removal. Flexible connectors in good condition with a rating of 1 or 2 are listed in Table 1B, separate from other materials with the same rating.

The estimated costs for abatement of confirmed asbestos-containing materials are presented in Tables 3 and 4. Table 3 shows the financial impact of abatement per type of material. These materials have been separated according to whether they are friable or nonfriable. A particular material could be listed under more than one category, depending on its status. When a single work item deals with both friable

and nonfriable materials, these materials are grouped into a third category – Friable/Nonfriable. Each material's estimated cost is the sum of all the individual building costs for that material.

Table 4 is a summary of the Current Working Estimate for all buildings, broken out for work items and additive items. For this report, costs for abatement of small amounts of material were set at or above a certain minimum for each type of material, to reflect typical construction cost estimating. When a building is small, the cost per square foot may appear to be larger than average, depending on the types of materials to be abated, whether there are several layers of materials to be handled, whether there are a large number of different materials, each perhaps subject to a minimum cost even though their quantities may be small. If a project were to include abatement of all materials in many structures at a time, certain cost efficiencies might be achieved.

Table 5 specifies the locations of the DOL and DEI numbered structures.

Asbestos is a hazardous substance. Its condition, handling, and disposal are regulated by federal, state and local agencies. All asbestos abatement work must be performed in accordance with governing agency regulations. DEI recommends that one staff member be assigned as an Operations and Maintenance (O&M) Program Manager, who will develop and manage the program. The person should receive appropriate training and be charged with coordinating the periodic O&M inspections. These inspections should include surveying all asbestos-containing building materials in the facility. Defects such as signs of increased wear, water damage, vandalism and impact damage should be noted and repaired immediately. Construction or remodeling which occurs in the buildings should be reviewed by the O&M managers in the planning stage to see if preparatory abatement work will be required. A complete record should be maintained of all findings (including the survey report), procedures and actions. This record should also contain names of technical advisors, inspectors, consultants, and all staff time, material and costs associated with asbestos control and abatement. In the future, if cost recovery is sought from the manufacturers, suppliers, or contractors, or in the event of litigation, this information will be required.

TABLE 1A - STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5

BUILDING	MATERIAL / LOCATION / CONDITION
Rating 1 – Immediate Total Removal	
P00033	Asbestos-containing nonfriable 4" O.D. pipe fitting and run lagging and friable insulation in the first floor kitchen was in generally poor condition.
P00033	Asbestos-containing nonfriable hot water storage tank lagging and friable tank insulation in the first floor kitchen were significantly damaged.
P00077	Friable asbestos-containing insulation was observed on the floor of the furnace in the first floor furnace room, and it was significantly damaged.
P00081	Friable asbestos-containing debris under the tank in the first floor furnace room was in poor condition.
P00083	Friable asbestos-containing insulation on the floor of the furnace in the first floor furnace room was significantly damaged.
T00135	Asbestos-containing friable 5" O.D. pipe fitting insulation and nonfriable lagging in the first floor mechanical room was significantly damaged.
T00551	Nonfriable asbestos-containing 9" x 9" black resilient floor tile and 9" x 9" green resilient floor tile throughout the building was significantly damaged.
T01674	Friable asbestos-containing boiler insulation in the first floor boiler room was significantly damaged.

TABLE 1A – STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

Rating 1 – Immediate Total Removal (Continued)

BUILDING	MATERIAL / LOCATION / CONDITION
T01705	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01706	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01707	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01708	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01709	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01713	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01714	Friable asbestos-containing hot water storage tank insulation located in the first floor furnace room was significantly damaged.
T01714	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01716	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01746	Friable asbestos-containing hot water storage tank insulation located in the first floor south storeroom was significantly damaged.
T01747	Friable asbestos-containing hot water storage tank insulation located in the first floor south supply room was damaged.
T01750	Friable asbestos-containing hot water storage tank insulation located in the first floor storeroom was significantly damaged.
T01753	Friable asbestos-containing hot water storage tank insulation located in the first floor storeroom was significantly damaged.
T01755	Friable asbestos-containing hot water storage tank insulation located in the first floor office area was in severely damaged condition.
T01766	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01768	Friable asbestos-containing hot water storage tank insulation in the first floor furnace room was significantly damaged.
T01768	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room were significantly damaged.
T01769	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room were significantly damaged.
T01770	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room were significantly damaged.
T01771	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01772	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01773	Two friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01774	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01775	Friable asbestos-containing hot water storage tank insulation located in the first floor furnace room was severely damaged. Exposed debris was found below the tank.

TABLE 1A - STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CON

Rating 1 – Immediate Total Removal (Continued)

BUILDING	MATERIAL / LOCATION / CONDITION
T01775	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room w fair to poor condition.
T01786	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room w significantly damaged.
T01788	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room w significantly damaged.
T01790	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room w good to poor condition.
P02075	Friable asbestos-containing pipe tape (very soft, fibrous) in the basement boiler room was in poor condition with major damage.
P02075	Friable asbestos-containing pipe insulation and lagging debris in the basement furnace rooms and spaces was in poor condition with major damage.
T02353	Friable asbestos-containing hot water storage tank insulation in the first floor furnace room in the southeast corner of the building was significantly damaged.
T02388	Friable asbestos-containing debris in the first floor furnace room was damaged and exposed. The of this debris could not be identified. These bits of debris were located on the floor and ducts.
T02392	Friable asbestos-containing hot water storage tank insulation and lagging in the first floor furnace r were significantly damaged.
T02450	Nonfriable asbestos-containing 9" x 9" beige resilient floor tile and associated mastic located in the floor storehouse and various locations were in poor condition. The floor tiles located in the main storehouse area were covered by one layer of plywood.
T02825	Asbestos-containing friable pipe run and fitting insulation in the crawl space under the buildi poor condition with major damage to the run insulation and debris on the ground.
T02829	Friable asbestos-containing 4" O.D. pipe fitting and run insulation in the crawl space under the bui was in poor condition. Asbestos was not detected in the pipe fitting and run lagging, which also w poor condition.
T02830	Asbestos-containing nonfriable pipe run and fitting lagging and friable insulation in the crawl space the building was significantly damaged.
T02833	Asbestos-containing nonfriable 4" O.D. pipe run and fitting lagging with friable insulation in the cra space under the building was significantly damaged.
T02841	Asbestos-containing friable pipe run and fitting insulation and nonfriable pipe fitting lagging in the space under building were in poor condition with debris on the ground.
T02849	Asbestos-containing friable pipe run insulation debris in the crawl space under the building was in condition.
T02853	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the crawl spac the building were in poor condition, with major damage and debris on the ground.
T02856	The two nonfriable asbestos-containing HVAC flexible connectors in the furnace room had minor damage.
T02861	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the crawl spac the building were in poor condition, with debris on the ground.
T02874	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the crawl spac the building were in poor condition, with associated debris on the ground.
T02901	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the crawl spac the building were in poor condition, with debris on the ground.
T02915	Friable asbestos-containing pipe run insulation and lagging in the crawl space under the building poor condition with major damage.
T03039	Friable asbestos-containing 5" O.D. pipe insulation and nonfriable lagging in the first floor crawl building was significantly damaged.

TABLE 1A - STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

BUILDING	MATERIAL / LOCATION / CONDITION
Rating 1 – Immediate Total Removal (Continued)	
T03039	Friable asbestos-containing pipe insulation and nonfriable lagging in the first floor mechanical room were significantly damaged.
T03039	Friable asbestos-containing vertical hot water heater tank insulation in the first floor mechanical room was significantly damaged.
T03039	Nonfriable asbestos-containing 9" x 9" red resilient floor tile in the first floor barrack room was significantly damaged.
T03106	Friable asbestos-containing hot water storage tank insulation in the first floor mechanical room was in poor condition with major damage. The entire tank, which has an approximate surface area of 90 square feet, is wrapped in polyethylene. Most of former insulation and associated debris have been removed. Some of these materials still remain on the tank or within the polyethylene wrap.
T03845	Nonfriable asbestos-containing 9" x 9" dark green resilient floor tile located in the three first floor storerooms was in generally good condition. An irregularly-shaped area of 9" x 9" green resilient floor tile was observed near the middle of the north part of the center storeroom. This lighter green floor tile tested negative for asbestos.
T03845	Nonfriable asbestos-containing speckled resilient sheet flooring in the first floor restroom was in generally good condition.
T03845	The nonfriable asbestos-containing Transite panels on the four exterior walls were in good condition. This siding material had been painted green.
T03845	Nonfriable asbestos-containing roofing mastic on the roof was in fair condition.
T03891	Friable asbestos-containing hot water storage tank insulation located in the first floor boiler room was significantly damaged.
P04430	Asbestos-containing friable pipe insulation debris in the soil in various areas of the unexcavated crawl space under the building was in poor condition.
P04432	Asbestos-containing friable pipe insulation debris in the unexcavated crawl spaces under the building was in poor condition.
P04434	Asbestos-containing friable pipe insulation debris in the crawl spaces under the building was in poor condition.
P04436	Asbestos-containing friable pipe insulation debris in the crawl spaces under the building was in poor condition.
P04440	Asbestos-containing friable pipe insulation and lagging debris throughout the crawl spaces under the building were in poor condition.
P04442	Asbestos-containing friable pipe insulation materials in the crawl space under the one-story annex building was in poor condition.
P04444	Asbestos-containing friable pipe insulation debris in the east crawl space under the building adjacent to the mechanical room was in poor condition.
P04446	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building were in poor condition.
P04552	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building were in poor condition.
P04554	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04556	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04558	Asbestos-containing friable pipe insulation debris in the crawl spaces under the building was in poor condition.
P04562	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04564	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.

TABLE 1A - STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

BUILDING	MATERIAL / LOCATION / CONDITION

Rating 1 - Immediate Total Removal (Continued)

P04566	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04568	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04580	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04582	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04584	Asbestos-containing friable pipe insulation debris throughout the crawl space under the building was in poor condition.
P04586	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04590	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04592	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04594	Asbestos-containing friable pipe insulation debris in the crawl spaces under the building was in poor condition.
P04596	Asbestos-containing friable pipe insulation debris in the crawl spaces under the building was in poor condition.
P04782	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04784	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04786	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04792	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04794	Asbestos-containing friable pipe insulation debris in the crawl spaces under the building was in poor condition.
P04796	Asbestos-containing friable pipe insulation debris throughout the crawl spaces under the building was in poor condition.
P04798	Asbestos-containing friable pipe insulation and lagging debris throughout the crawl spaces under the building were in poor condition.

Rating 2 - Immediate Repair, Short-Term Removal

T00006	The nonfriable asbestos-containing Transite pipe abandoned on the floor of the first floor mechanical room was in good condition.
T00009	Friable asbestos-containing hot water storage tank insulation in the first floor mechanical room was slightly damaged.
T00026	Friable asbestos-containing pipe fitting insulation in the first floor old kitchen was in generally good condition. A chunk of white debris was observed in the north side of the old mess hall ceiling cavity; this debris appeared intact.
T01002	Asbestos-containing friable hot water storage tank insulation, nonfriable hot water storage tank lagging and associated friable debris in the first floor mechanical room was significantly damaged. The debris lay on the floor under the tank.

TABLE 1A – STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

Rating 2 – Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION / CONDITION
T01465	Friable/nonfriable asbestos-containing joint compound and textured paint on the ceiling and dividing wall in the first floor storeroom and office were in good to damaged condition. Most of this damage apparently occurred from a fire.
S01599	Nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room were in fair condition with minor spot damage.
T01701	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in good to fair condition.
T01702	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in good to fair condition.
T01703	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in good to fair condition.
T01704	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in good to fair condition.
T01710	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01711	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01712	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01715	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01716	Friable asbestos-containing hot water storage tank insulation located in the first floor furnace room was damaged and exposed.
T01732	Nonfriable asbestos-containing 9" x 9" brown resilient floor tile located throughout the building was severely damaged.
T01748	Friable asbestos-containing hot water storage tank insulation located in the first floor kitchen was slightly damaged.
T01752	Friable asbestos-containing hot water storage tank insulation located in the first floor south room was damaged.
T01761	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were significantly damaged.
T01762	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01763	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01764	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in good to fair condition.
T01765	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in good to fair condition.
T01766	Friable asbestos-containing furnace gaskets in the furnace room were slightly damaged. This white material is almost completely covered by small metal plates.
T01767	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01772	Friable asbestos-containing furnace gaskets located in the first floor furnace room were slightly damaged. This white material was almost completely covered by small metal plates.
T01783	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair to poor condition.
T01784	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room were in fair condition.

TABLE 1A - STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

Rating 2 - Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION / CONDITION
T01787	Four friable asbestos-containing HVAC flexible connectors located in the first floor furnace room were in fair condition.
T01789	Asbestos-containing duct lagging located in the first floor furnace room was significantly damaged. Some of the lagging was concealed by fiberglass-like insulation. The friability of the lagging was low.
T01817	Asbestos-containing friable pipe run insulation and nonfriable lagging was located in the sanctuary of the chapel. Two pipes run vertically on the east wall. Approximately 60 linear feet of pipe insulation material near the ceiling was inaccessible for sampling; this material appeared similar to the material actually sampled in the chapel area. The lower end of the insulation was damaged and highly vulnerable to disturbance.
T01817	The asbestos-containing friable 3" outer diameter and 8" outer diameter pipe fitting insulation and nonfriable lagging in the first floor boiler room were significantly damaged.
T01885	Asbestos-containing pipe run insulation and pipe run lagging were observed in the sanctuary and in the first floor boiler room, and pipe fitting insulation and lagging were observed in the boiler room. The friable insulation and lagging were in good to poor condition.
T02003	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room were in fair to poor condition. The connectors had been removed from the furnace equipment and were left lying on the floor.
P02075	Asbestos-containing nonfriable hot water storage tank lagging and friable insulation near the northeast corner of the basement boiler room were significantly damaged.
P02083	Friable asbestos-containing heat shield material within the wall heater in the first floor storeroom was in good condition. This material is subject to exposure to forced air ventilation.
P02084	Friable asbestos-containing heat shield insulation in the space heaters in the first floor lounge and warehouse area was in fair condition.
T02153	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room were in fair condition.
T02161	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room were in good to fair condition with minor damage.
T02167	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room near the floor were in damaged condition.
T02248	Friable asbestos-containing gasket material, woven into a rope and stored in the first floor mechanical room, was in slightly deteriorated (frayed) condition.
T02252	Friable kiln insulation located in the first floor shop area at the northwest corner of the building was slightly damaged. This insulation was specifically located on the inside of the door of a kiln, and different from the asbestos-free kiln insulation labeled as Kaowool.
T02252	Friable heat gloves and other heat protective clothing were found in various parts of the first floor shop area. The gloves, forearm covers, aprons, and other clothing manufactured with the same asbestos-containing white cloth material are stored in a cabinet in the northeast corner of the metalwork shop. The gloves and protective clothing were in good to fair condition.
T02283	Asbestos-containing friable boiler insulation and nonfriable boiler lagging in the first floor mechanical room were significantly damaged.
T02328	Friable asbestos-containing hot water storage tank insulation in the first floor furnace room was in good to fair condition with minor spot damage.
T02334	Friable asbestos-containing hot water storage tank insulation and lagging in the first floor furnace room were in generally good condition.
T02350	Friable asbestos-containing hot water storage tank insulation in the first floor furnace room was significantly damaged.
T02527	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room were in generally good condition, with minor spot damage to the two old gray connectors.

TABLE 1A – STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

Rating 2 – Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION / CONDITION
T02627	Asbestos-containing friable hot water storage tank insulation and nonfriable lagging in the first floor mechanical room were significantly damaged.
T02801	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the crawl space under the building were in poor condition with debris on the ground.
T02804	Asbestos-containing friable pipe run insulation and nonfriable lagging debris in the crawl space under the building were damaged and exposed.
T02811	Asbestos-containing friable pipe run and fitting insulation and nonfriable pipe fitting lagging in the crawl space under the building were in fair to poor condition. Related debris was observed on the ground.
T02812	Asbestos-containing friable 3" O.D. pipe run and fitting insulation and nonfriable lagging in the crawl space under the building were in good to poor condition with major localized damage and associated debris on the ground. Some pipe run insulation and lagging had delaminated from the substrate.
T02823	Friable asbestos-containing pipe run and fitting insulation in the crawl space under the building were in fair to poor condition. Debris was observed in the form of delaminated material.
T02824	Asbestos-containing friable pipe run and fitting insulation and lagging in the crawl space under the building were in fair to poor condition, with debris on the ground.
T02845	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the crawl space under the building were in poor condition, with debris on the ground.
T02846	Asbestos-containing friable pipe run insulation and nonfriable lagging in the crawl space under the building were in poor condition with debris on the ground.
T02853	Friable asbestos-containing hot water storage tank insulation in the first floor furnace room was in poor condition. Some of the insulation was wrapped with two layers of plastic sheets.
T02855	Friable asbestos-containing pipe run and fitting insulation in the crawl space under the building was in poor condition.
T02864	Asbestos-containing friable hot water storage tank insulation and nonfriable lagging in the first floor mechanical room were damaged due to physical contact, water leaks and deterioration over time. Related debris was below the tank.
T02865	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the crawl space under the building were in poor condition, with debris on the ground.
T02873	Friable asbestos-containing pipe run and fitting insulation and nonfriable lagging in the crawl space under the building were in poor condition with major damage.
T02873	Friable asbestos-containing storage tank insulation and lagging in the first floor furnace room were significantly damaged.
T02902	Asbestos-containing friable pipe run and fitting insulation and nonfriable pipe run insulation lagging in the crawl space under the building were in poor condition, with debris on the ground.
T02925	The nonfriable asbestos-containing Transite pipe stored in the first floor furnace room was in good condition.
T03000	Friable asbestos-containing pipe run insulation and lagging in the first floor conference room, lobby and corridor and pipe run and fitting lagging and pipe fitting insulation in the crawl space were in poor condition with major damage.
T03012	Asbestos-containing friable pipe fitting insulation and nonfriable lagging in the crawl space under the building were in poor condition with major damage.
T03013	Friable asbestos-containing pipe fitting insulation and nonfriable run and fitting lagging in the crawl space under the building were in poor condition with major damage and debris on the ground.
T03079	Asbestos-containing friable hot water storage tank insulation and nonfriable tank lagging in the mechanical room were significantly damaged. Associated friable debris was observed on the floor.
T03762	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room were in generally good condition with minor localized damage.
T03767	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room were in good to fair condition.

TABLE 1A – STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

BUILDING	MATERIAL / LOCATION / CONDITION

Rating 2 – Immediate Repair, Short-Term Removal (Continued)

S03898	Nonfriable asbestos-containing window putty was in poor condition with major damage. Friable debris was observed on the window sills.
P04385	Asbestos-containing friable boiler insulation and nonfriable boiler lagging in the first floor boiler room on the endcaps of the south end of the boilers were damaged.
P04385	Asbestos-containing friable heat exchanger insulation and lagging in the west side of the penthouse mechanical room was slightly damaged.
P04385	Asbestos-containing friable 4" O.D. pipe fitting insulation and nonfriable lagging in the crawl space under the building were extensively damaged, with debris on the floor. The damaged pipe fitting materials are approximately 40 feet southeast of the main crawl space entrance from the boiler room.
P04470	Friable asbestos-containing hot water storage tank insulation in the first floor mechanical room was significantly damaged. Related debris was observed on the mechanical room floor.
P04570	Friable asbestos-containing pipe run insulation and nonfriable lagging in the basement boiler room was in fair condition with minor spot damage.
P04584	Friable asbestos-containing fire rated door-core insulation in the doors of the entrance to the basement mechanical room was significantly damaged.
P09920	One friable asbestos-containing HVAC flexible connector in the area above the mezzanine reception area was in fair condition with minor damage.
DEI-62	Nonfriable asbestos-containing window putty was in poor condition with major damage.

Rating 3 – Immediate Repair, Long-Term Removal

T01705	Friable asbestos-containing joint compound located in the first floor furnace room was slightly damaged.
T01742	Friable asbestos-containing hot water storage tank insulation located in the first floor kitchen was slightly damaged.
T01750	Friable asbestos-containing ceiling material in the recreation room was slightly damaged.
T01786	Friable asbestos-containing hot water storage tank insulation in the first floor furnace room was slightly damaged.
T01954	Friable asbestos-containing pipe run lagging in the first floor furnace room was damaged. The friability of the lagging was low.
T01955	Friable asbestos-containing pipe run lagging in the first floor furnace room was damaged. The friability of the lagging was low.
T03004	Asbestos-containing friable pipe run insulation and nonfriable lagging in the landing area of the stairs were in good to fair condition with minor localized damage.
T03104	Friable asbestos-containing pipe fitting insulation in the crawl space under the building was in damaged and exposed condition, primarily due to apparent previous removal of adjacent pipe run insulation materials.

Rating 5 – Immediate Repair, Management with 1-Year Inspection Cycle

T02386	Friable asbestos-containing hot water storage tank insulation in the first floor furnace room was in generally good condition with minor spot damage. Debris presumably from the insulation was observed below the tank.
P02798	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the rental showroom, boiler room, storerooms and crawl spaces were in fair condition with spot damage in the west basement storeroom north of the crawl space.
P04363	Asbestos-containing nonfriable hot water storage tank lagging and friable tank insulation in the basement mechanical room was in generally good condition with minor localized damage. A small amount of associated debris was observed on the floor below the tank.

TABLE 1A – STRUCTURES / MATERIALS WITH RATINGS OF 1 TO 5 (CONTINUED)

BUILDING	MATERIAL / LOCATION / CONDITION

Rating 5 – Immediate Repair, Management with 1-Year Inspection Cycle (Continued)

P04442	Asbestos-containing friable pipe run and fitting insulation and nonfriable lagging in the basements and crawl spaces, and in several rooms on the first and second floors were in generally good condition with moderate damage to the pipe insulation in the snackroom.
P04798	Asbestos-containing friable 6" and 10" O.D. pipe run insulation and nonfriable lagging in the basement mechanical room and main stockroom were in damaged condition.

TABLE 1B – HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2

BUILDING	MATERIAL / LOCATION

Rating 1 – Immediate Total Removal

T01140	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01160	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02004	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02008	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02548	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02876	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room

Rating 2 – Immediate Repair, Short-Term Removal

T00005	One nonfriable asbestos-containing HVAC flexible connector in the first floor furnace room
T00023	One friable asbestos-containing HVAC flexible connector in the first floor furnace room
T00024	One nonfriable asbestos-containing HVAC flexible connector in the first floor mechanical room. No asbestos was detected in the other HVAC flexible connector which was extensively damaged.
T00087	One nonfriable asbestos-containing HVAC flexible connector in the first floor mechanical room
T00097	One nonfriable asbestos-containing HVAC flexible connector in the first floor furnace room
T00104	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T00138	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T00140	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01004	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room and duct tape adjacent to two of the connectors
T01005	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01007	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01009	Four nonfriable asbestos-containing HVAC flexible connectors and adjacent duct tape in the first floor mechanical room
T01010	Four nonfriable asbestos-containing HVAC flexible connectors and associated tape in the first floor mechanical room
T01011	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01012	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01022	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01025	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01026	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01027	Two nonfriable asbestos-containing HVAC flexible connectors in the mechanical room

TABLE 1B – HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2 (CONTINUED)

Rating 2 – Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION
T01030	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
S01032	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
S01033	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01288	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T01650	One nonfriable asbestos-containing HVAC flexible connector in the first floor mechanical room
T01789	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01828	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01920	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01921	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01922	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01923	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01924	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01925	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01926	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01927	Three friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01928	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01929	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01930	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01932	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01933	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01934	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01935	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01936	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01940	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01941	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01942	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01943	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01944	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01945	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01946	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01947	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01948	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01949	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01950	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01951	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01952	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01953	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01954	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01955	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T01956	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02001	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02005	Two nonfriable asbestos-containing white HVAC flexible connectors in the first floor furnace room
T02006	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02007	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02009	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02010	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room

TABLE 1B – HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2 (CONTINUED)

Rating 2 – Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION
T02011	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02012	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02013	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02014	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02015	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02016	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
P02075	Eight nonfriable asbestos-containing large gray cloth HVAC flexible connectors in the basement furnace rooms
T02140	Five nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02141	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02160	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02162	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02163	Eight nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02164	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02165	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02166	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02168	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02169	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02170	Two nonfriable asbestos-containing HVAC flexible connectors behind the furnace in the first floor furnace room
T02171	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02172	Three nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02173	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02174	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02175	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02176	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02201	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02202	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02203	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02204	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02205	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02206	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02207	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02208	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02210	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02211	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02212	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02213	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02214	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02215	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02233	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02260	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02283	Seven nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02284	Four nonfriable asbestos-containing HVAC flexible connectors and duct tape alongside the upper connectors in the first floor mechanical room
T02286	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor east mechanical room

TABLE 1B – HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2 (CONTINUED)

Rating 2 – Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION
T02321	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02322	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02323	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02324	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02325	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02326	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02327	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02328	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02329	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02330	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02331	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02332	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02333	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02334	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02335	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02336	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02341	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02342	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02343	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02344	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02345	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02346	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02347	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02348	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02349	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02350	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02351	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02352	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02353	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room in the southeast corner of the building
T02354	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02355	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02356	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02381	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02382	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02383	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02384	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02385	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02386	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02387	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02388	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02389	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02390	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02391	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02392	Two friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02393	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room

TABLE 1B – HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2 (CONTINUED)

BUILDING	MATERIAL / LOCATION
Rating 2 – Immediate Repair, Short-Term Removal (Continued)	
T02394	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02437	Eight nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical rooms
T02521	One nonfriable asbestos-containing HVAC flexible connector in the first floor furnace room
T02522	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02523	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02524	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02525	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02526	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02528	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02529	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02530	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02541	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02542	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02544	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02545	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02546	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02547	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02549	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02550	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02581	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02582	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02583	Four friable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02584	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02585	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02586	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02587	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02588	Four nonfriable asbestos-containing HVAC flexible connectors (new and old) in the first floor furnace room
T02590	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02700	Three nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical rooms
T02841	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02842	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02843	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02844	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02845	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02846	Four nonfriable asbestos-containing new and old HVAC flexible connectors in the first floor mechanical room
T02847	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02848	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02849	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02850	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02851	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02852	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02854	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02857	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02861	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room

TABLE 1B - HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2 (CONTINUED)

Rating 2 - Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION
T02862	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02863	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02864	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02865	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02866	Four nonfriable asbestos-containing new and old HVAC flexible connectors in the first floor furnace room
T02867	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02868	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02869	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02870	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor boiler room
T02871	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02872	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02874	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02875	Three nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02877	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02901	Two nonfriable asbestos-containing HVAC flexible connector in the first floor furnace room
T02902	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02903	Four nonfriable asbestos-containing new and old HVAC flexible connectors in the first floor mechanical room
T02907	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02912	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02913	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02914	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T02915	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T02917	One nonfriable asbestos-containing HVAC flexible connector in the first floor mechanical room
T02925	One nonfriable asbestos-containing HVAC flexible connector in the first floor furnace room
T02990	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor restrooms
T03079	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T03080	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
T03132	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical room
P03700	One nonfriable asbestos-containing HVAC flexible connector in the basement boiler room
P03708	Two nonfriable asbestos-containing HVAC flexible connectors in the office adjacent to the east restroom and in the breakroom
P03711	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
T03722	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor air handling unit room
T03742	One nonfriable asbestos-containing HVAC flexible connector in the first floor mechanical room
P03895	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor west storeroom
P04250	Two nonfriable asbestos-containing HVAC flexible connectors in the air handling unit room in the basement
P04385	Eleven nonfriable asbestos-containing HVAC flexible connectors in the boiler room mezzanine, sixth floor roof, and penthouse mechanical room
P04390	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor kitchen and conference room
P04408	Two nonfriable asbestos-containing HVAC flexible connectors in the two first floor offices adjacent to the east restrooms
P04418	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor room 107 (an office) at the south office by the learning center

TABLE 1B – HVAC FLEXIBLE CONNECTORS IN GOOD CONDITION WITH RATINGS OF 1 AND 2 (CONTINUED)

Rating 2 – Immediate Repair, Short-Term Removal (Continued)

BUILDING	MATERIAL / LOCATION
P04438	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor air handling unit rooms
P04446	Two nonfriable asbestos-containing HVAC flexible connectors on the lower roof
P04448	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace rooms
P04550	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor air handling unit rooms
P04560	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor corridor adjacent to the vault and closet immediately west of the restroom
P04573	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor air handling unit room
P04588	Four nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace room
P04598	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor furnace rooms
P04800	Two nonfriable asbestos-containing HVAC flexible connectors in the first floor office next to the women's restroom
P04810	Three nonfriable asbestos-containing HVAC flexible connectors in the first floor mechanical rooms
P04858	Two HVAC flexible connectors in the west end of the northernmost bay, near the ceiling, were inaccessible because of the height, therefore they were not sampled. This material appears to resemble asbestos-containing flexible connectors found elsewhere on the installation.

DEFINITIONS OF WORK ITEM CAPTIONS

Work Item	Numerical order of work items, in order of DEI Priority Rating (low ratings listed first).
DEI Rating	DEI's system for rating by priority the various abatement and/or management recommendations. This rating applies when building demolition is not performed within six months.
Constr. Year	Recommended year of construction. N/A denotes not applicable, as when the recommendation is for O&M (Operations and Maintenance).
Type of Material	Spray-applied fireproofing/ceiling materials, pipe or equipment insulation/lagging, ceiling panels/ tiles, resilient floor tile/sheeting, plaster, "Transite" panels, etc.
Estimated Quantity	Units of measure vary depending on types of material: SF is used for square feet, SY for square yards, CI for cubic inches, LF for linear feet, and E for individual parts.
Description	Building/area location of material, its friability and condition, and the recommended abatement and/or management actions.
Contractor Cost	Includes abatement, demolition directly related to abatement, decontamination and materials replacement (if applicable). The Current Working Estimate (CWE) includes the contractor cost(s) plus monitoring, site and utilities, contingencies during construction, and supervision and administration costs. These costs do not include relocation expense or architectural and engineering fees. Cost escalation historically exceeds 8% per annum.

DEFINITIONS OF DEI'S PRIORITY RATING SYSTEM CODES

1	Immediate total removal
2	Immediate repair, short-term removal
3	Immediate repair, long-term removal
4	Immediate repair, management with 6-month inspection cycle
5	Immediate repair, management with 1-year inspection cycle
6	Short-term repair, long-term removal
7	Short-term repair, management with 6-month inspection cycle
8	Short-term repair, management with 1-year inspection cycle
9	Short-term repair, management with 2-year inspection cycle (biannual)
10	Long-term removal
11	Management with 6-month inspection cycle
12	Management with 1-year inspection cycle
13	Management with 2-year inspection cycle (biannual)

TABLE 2 - STRUCTURES IN WHICH NO ASBESTOS WAS DETECTED

BUILDING	USAGE	BUILDING	USAGE	BUILDING	USAGE
MGate	Main Gate Sentry Stn	P00505	Sewage Pump Station	T00628	MOUT Range
T00008	Vacant (Storage)	P00506	Elevatd Water Stor Tank	T00629	MOUT Range
P00012	Lavatory (Vacant)	P00511	Other Fueling Station	T00655A	Storeroom
P00013	Applied Instruction Bldg	P00525	Wash Apron	T00656	Operatns Genl Purpose
P00016	Officers Formal Dining	P00528	Sewage Pump Station	T00661	Field Range Latrine
P00017	Lavatory Building	T00534A	Storeroom	T00663	Field Range Storage
T00054A	General Storehouse	T00538A	Pumphouse	P00703	Sewage Pump Station
S00067	Water Well Supply Bldg	P00539	Water Well	S00704	Genl Purpose Warehse
T00068	Water Well Supply Bldg	P00540	Scndry Sewage Treatmt	S00705	Recycling Facility
P00074	Lavatory (Vacant)	P00542	Flight Simulation Bldg	P00739	Septic Tank Draing Field
P00075	Lavatory (Vacant)	P00547	Undergr Storage Tank	P00740	Ordinance Admin
P00076	Lavatory (Vacant)	P00550	Radar Storage	P00741	Vehicle Maint Shop
P00078	Lavatory (Vacant)	P00550A	Navigational Aids Bldg	P00745	Gas Stor Tank Facility
P00079	Lavatory (Vacant)	P00550B	Navigational Aids Bldg	P00746	Ammunition Service
P00082	Lavatory Building	P00563	Reservoir Storage Tank	P00748	Open Storage Area
T00093	Oil Storage Building	P00601	MOUT Range	P00749	Ammunition Stor Pad
P00110	General Storehouse	P00602	MOUT Range	P00760	Storage, Igloo
P00111	General Storehouse	P00603	MOUT Range	P00764	Storage, Igloo
P00112	General Storehouse	P00604A	MOUT Range	P00765	Storage, Igloo
P00113	General Storehouse	P00604B	MOUT Range	P00766	Storage, Igloo
P00115	General Storehouse	P00605	MOUT Range	P00767	Storage, Igloo
P00116	General Storehouse	P00606	MOUT Range	P00768	Storage, Igloo
P00117	General Storehouse	P00607A	MOUT Range	P00769	Storage, Igloo
P00118	General Storehouse	P00607B	MOUT Range	T00804	Elevatd Water Stor Tank
T00120	General Storehouse	P00608A	MOUT Range	T00805	Water Pump Stn Potabl
T00136	Observation Tower	P00608B	MOUT Range	T00807	Pumphouse
T00145	Sewage Treatmt Plant	P00609A	MOUT Range	T00809	Scout Building
P00147	Ground Storage Tank	P00609B	MOUT Range	P00811	Sewage Pumping Stn
P00232	Ground Storage Tank	P00610A	MOUT Range	T00816	Septic Tank Draing Field
P00344	Water Storage Tank	P00610B	MOUT Range	T00822	Septic Tank Draing Field
T00346	Recreation Building	P00611A	MOUT Range	T00823	Septic Tank Draing Field
T00347	Recreation Building	P00611B	MOUT Range	T00825	Covered Training Area
T00348	Observation Tower	P00612	MOUT Range	T00825A	Covered Training Area
T00351	Recreation Building	P00614	MOUT Range	T00826	Covered Training Area
T00353	Observation Tower	P00615	MOUT Range	T00829	Observation Tower
T00354	Power Plant Building	P00616	MOUT Range	T00831	Ammunition Hut
T00357	Recreation Building	P00617	MOUT Range	P00901	Storage
T00358	Recreation Building	P00618	MOUT Range	P00902	Storage (Arms)
T00359	Observation Tower	P00619A	MOUT Range	P00903	Storage
T00360	Power Plant Building	P00619B	MOUT Range	P00904	Storage (Arms)
T00363	Recreation Building	P00619C	MOUT Range	P00905	Storage (Arms)
T00364	Recreation Building	P00619D	MOUT Range	P00906	Storage (Arms)
T00365	Observation Tower	P00620A	MOUT Range	P00907	Storage (Arms)
T00366	Power Plant Building	P00620B	MOUT Range	P00908	Storage (Arms)
T00419	Compressed Air Plant	P00620C	MOUT Range	P00909	Storage (Arms)
P00449	Potabl Water Pump Stn	P00620D	MOUT Range	P00910	Storage (Arms)
P00457	Fixed Barbecue	P00621A	Field Range Latrine	P00911	Storage (Arms)
P00460	Water Storage Tank	P00621B	Field Range Latrine	P00912	Storage (Arms)
P00475	Ground Storage Tank	P00622	MOUT Range	T00914	Storage
T00494	Sentry Station	P00623	MOUT Range	P00915	Storage
T00499	Sentry Station	T00625	MOUT Range	S00916	Storage
T00500	Sentry Station	T00626	MOUT Range	P00918	Septic Tank Draing Field
P00502	Aircraft Inflam Storage	T00627	MOUT Range	T00919	Office

TABLE 2 - STRUCTURES IN WHICH NO ASBESTOS WAS DETECTED (CONTINUED)

BUILDING	USAGE	BUILDING	USAGE	BUILDING	USAGE
T00920	Office	S02041	Gas Station Building	T02784B	Paint Storage
S00921	Storage	S02042	Gas Station Building	T02885	Company Headquarters
S00922	Storage	T02044C	Covered Training Area	P02985	Elevatd Water Stor Tank
S01287	Recreation Building	T02049C	Covered Training Area	P03062A	Barbecue
T01468	Restroom	S02050	General Storehouse	P03062B	Potabl Water Pump Plnt
P01473	Sewage Pump Station	T02050A	General Storehouse	P03070	Child Support Center
S01474	Stor Shed Genl Purpse	T02051	Covered Training Area	T03070A	Recreation Building
P01476	Genl Purpose Warehs	T02056	Lavatory Building	T03070B	Recreation Building
S01477	Stor Shed Genl Purpse	P02074	Open Storage Building	T03070C	Recreation Building
S01478	Stor Shed Genl Purpse	P02076C	Sewage Pump Station	P03095	Guest House
S01653	General Storehouse	P02076E	General Storehouse	S03215	Transmitter Radio Bldg
P01659	Wash Platform	P02079	Sewage Pump	S03704	Admin General Purpose
T01668	Scale House	S02090A	Field Range Latrine	S03706	Admin General Purpose
S01669	Flammable Material Stor	T02090B	Observation Tower	P03707	General Instruction Bldg
S01675	Training Aids Center	S02090D	General Storehouse	T03710	Vehicle Storage
T01676	Oil Storage Building	T02090F	Covered Training Area	T03710A	Maintenance Shed
P01679	Vehicle Maint Shed	T02090G	Range Storage	S03766	Gas Station Building
P01680	Wheel Veh Grease Rmp	S02093A	Field Range Latrine	S03770	Lavatory Building
T01681	Oil Storage Building	T02093B	Observation Tower	S03771	Gas Station Building
T01683	Storeroom	T02094A	Observation Tower	S03775	Oil Storage Building
P01684	General Storehouse	S02094B	General Storehouse	P03804	Warehouse
P01688	Oil Storage	S02094C	Field Range Latrine	P03805	Workshop
P01698	Wash Platform	S02095A	Field Range Latrine	T03843	Storage
P01699	Wheel Veh Grease Rack	S02096D	Field Range Latrine	S03854	Electrical Maintenance
T01720	Recreation	T02096F	Observation Tower	S03856	Maint Shed Genl Purpse
T01723	Office	S02097A	General Storehouse	P03862	Water Pump House
T01741	Dining Facility	S02097B	Field Range Latrine	S03865	Electrical Maintenance
T01743	Dining Facility	T02097C	Observation Tower	S03896	Recycling Facility
T01751	Storage	T02098A	Observation Tower	S03899	Recycling Facility
T01756	Vacant (Mess Hall)	S02099A	General Storehouse	S03903	Covered Training Area
T01785	Barracks	S02099B	General Storehouse	S03905	Ammunition Breakdn Pt
T01826	Storage	S02099C	Field Range Latrine	S03907	Covered Training Area
T01973	Office	T02251A	Storage	T03911	Observation Tower
T01976	Recreation/Conference	T02253	Gas Station Building	T03913	Guard Tower
T01986	Office	T02302	Storage	T03926	Covered Training Area
T01994	Office	T02363	Cafeteria	S03928	Guard Tower
T02019	Observation Tower	T02365	Mess Hall	T03930	Range House
T02021	Range Storage	T02372	Storage	S03936	Covered Training Area
T02026S	Observation Tower	T02395	Storage	S03937	Covered Training Area
T02027D	Range Storage	P02420	Genl Purpose Warehs	S03939	Covered Training Area
TR02028A	Field Range Latrine	T02423	Storeroom	S03940	Observation Tower
T02028B	Observation Tower	T02438	Storage	P03951	Range House
T02030	General Storehouse	T02460	Vehicle Storage	T03953A	Observation Tower
T02031	General Storehouse	T02568	Dining Hall (Enlisted)	T03953B	Observation Tower
T02032	General Storehouse	P02663Z	Garage	T03953C	Covered Training Area
T02033	General Storehouse	S02713	General Storehouse	S03954	Covered Training Area
T02034	General Storehouse	S02714	General Storehouse	S03955	Covered Training Area
T02035	General Storehouse	T02717	Genl Purpose Warehs	S03956	Covered Training Area
T02036	General Storehouse	S02721	Stor Shed Genl Purpse	P03957	Unit Small Arms Storage
S02037	Gas Station Building	S02725	Components Cleaning	S03963	Covered Training Area
S02038	Gas Station Building	T02757	Veh Maint-Direct Supprt	S03964	Covered Training Area
S02039	Gas Station Building	T02777	Vehicle Maint Shop	S03966	Covered Training Area
S02040	Gas Station Building	T02784A	Paint Storage	T03972	Observation Tower

TABLE 2 - STRUCTURES IN WHICH NO ASBESTOS WAS DETECTED (CONTINUED)

BUILDING	USAGE	BUILDING	USAGE	BUILDING	USAGE
P03980	Observation Tower	P04951	General Storehouse	TR09323	Field Range Latrine
P03981	Range Facility	S04954	Confinement Facility	TR09341	Field Range Latrine
P03982	Observation Tower	S04955	Power Plant Building	TR09350	Field Range Latrine
T03984	Gas Chamber	P04957	Sewage Pump Station	TR09355	Genl Purpose Warehs
T03988	Ammunition Breakdn Pt	P05015	Sewage Pump Treatmt	TR09356	Storage Shed
S04105	Golf Course Maint	P05065	Water Pumping Station	TR09372	Field Range Latrine
T04106	Lavatory Building	P05398	Sewage Pump Station	TR09374	Observation Tower
P04108	Water Pump Plant	P05447	Sewage Pump Station	TR09376	Covered Training Area
T04109	Genl Purpose Warehs	P05713	Sewage Pump Station	TR09380	Field Range Latrine
T04214	Information Stand	P05871	Sewage Pump Station	TR09382	Field Range Latrine
P04283	Youth Center	P06003	Water Well Pump Bldg	TR09387	Observation Tower
P04374	Pumphouse	P06004	Water Well Supply Bldg	TR09388	Covered Training Area
P04375	Elevatd Water Stor Tank	P06130	Sewage Pump Station	TR09390	Field Range Latrine
P04395	Water Pumphouse	P06143	Sewage Pump Station	TR09391	Covered Training Area
S04403	Fire Station	P06160	Exchange Branch	TR09402	Observation Tower
P04405	Exchange Cafe	P06161	Exchange Service Stn	TR09403	Observation Tower
S04421	Admin General Purpose	P06165	Exchange Specl Supprt	TR09412	Field Range Latrine
S04427	Chapel Center Facility	P06225	Sewage Pump Station	TR09420	Range Support Building
T04437	Scale House	T06311A	Morale Support Office	TR09422	Observation Tower
T04445	Deployment Stage	P06634	Sewage Pump Station	TR09430	Observation Tower
P04475	Water Storage Tank	T06940	Morale Support Office	TR09431	Field Range Latrine
T04479	Operatns Genl Purpose	P07693	Child Support Center	TR09441	Field Range Latrine
S04490	Medical Supply Warehs	T07693A	Recreation Building	TR09443	Covered Training Area
P04492A	Flammable Material Stor	T07693B	Recreation Building	TR09460	Range Support Building
P04492C	Sentry Station	T07693C	Recreation Building	TR09461	Range Support Building
P04499A	Vehicle Maint Shed	P08269	Ground Storage Tank	TR09462	Range Support Building
P04499B	Genl Purpose Warehs	T08302	Observation Tower	TR09482	Field Range Latrine
P04501	Wheel Veh Grease Rmp	T08302A	Observation Tower	TR09484	Observation Tower
P04502	Wash Platform	T08304	Observation Tower	TR09485	Covered Training Area
P04512A	Genl Purpose Warehs	T08305	Covered Training Area	TR09486	Covered Training Area
P04512B	Genl Purpose Warehs	T08312	Observation Tower	TR09488	Range Support Building
S04518A	Admin General Purpose	T08313	General Storehouse	TR09520	Range Support Building
P04518C	Fixed Barbecue	TR09021	Field Range Latrine	TR09520A	Range Storage
P04518D	Genl Purpose Storerm	TR09030	Field Range Latrine	1A10	Range Storeroom
P04522A	Genl Purpose Warehs	TR09031	Field Range Latrine	1A39	Railhead Storage
P04525	Oil Storage Building	TR09040	Field Range Latrine	T1A42	Storage Building
P04541	Oil Storage Building	TR09130	Range Support Building	1A47	Range Storage
P04557	Genl Purpose Warehs	TR09181	Field Range Latrine	1A60	Range Storage Building
P04863	Oil Storage Building	TR09211	Covered Training Area	1A73	Range Storage
P04866	Oil Storage Building	TR09220	Field Range Latrine	1A75	Ammunition Breakdn Pt
P04867	Oil Storage Building	TR09240	Range Storage	1A77	Range Storage Building
S04887	Genl Purpose Warehs	TR09241	Observation Tower	1A85	Range Storage
S04888	Genl Purpose Warehs	TR09242	Field Range Latrine	1A90	Storeroom
S04889	General Storehouse	TR09253	Covered Training Area	1A100	Range Storage
T04891	Recycling Facility	TR09260	Field Range Latrine	1A102	Range Storage
S04892	Genl Purpose Warehs	TR09261	Field Range Latrine	1A129	Range Storage
T04899F	Facilities Enginr Storehs	TR09262	Observation Tower	2A46	Range Storeroom
T04901	Components Cleaning	TR09264	Covered Training Area	2A49	Storeroom
P04904	Maint Shop Genl Purpse	TR09265	Covered Training Area	2A51	Range Storage
T04905	General Storehouse	TR09272	Field Range Latrine	2A54	Range Storage
T04906	Sewage Pump Station	TR09291	Covered Training Area	2A58	Range Storeroom
P04912	Inflammable Materl Stor	TR09320	Field Range Latrine	2A60	Range Storage
S04914	General Storehouse	TR09321	Observation Tower	2A62	Range Storage

TABLE 2 – STRUCTURES IN WHICH NO ASBESTOS WAS DETECTED (CONTINUED)

BUILDING	USAGE	BUILDING	USAGE	BUILDING	USAGE
3A14	Observation Tower	DEI-01	Range Storage Building	DEI-70	Office
4A11	Field Range Latrine	DEI-03	Range Support Building	DEI-73	Maintenance Shed
4A13	Field Range Latrine	DEI-05	Covered Training Area	DEI-74	Storage
4A18	Field Range Latrine	DEI-07	Covered Training Area	DEI-75	Latrine
4A19	Field Latrine	DEI-10	Covered Training Area	DEI-76	Storage Shed
4A21	Field Latrine	DEI-11	Covered Training Area	DEI-77	Storeroom
4A26	Field Range Latrine	DEI-12	Covered Training Area	DEI-80	Storeroom
4A29	Field Range Latrine	DEI-13	Covered Training Area	DEI-81	Stand-by Generator
4A30	Field Range Latrine	DEI-15	Guard Shack	DEI-82	Garage
4A34	Field Range Latrine	DEI-16	Covered Training Area	DEI-83	Pumphouse
4A41	Field Range Latrine	DEI-19	General Shack	DEI-84	Storeroom
4A43	Field Range Latrine	DEI-21	Aircraft Mock-Up	DEI-85	Generator Room
4A44	Field Range Latrine	DEI-23	Range Storage	DEI-86	Storeroom
4A46	Field Range Latrine	DEI-24	Range Support Building	DEI-87	Storage Shed
4A48	Range Storage	DEI-25	Range Storage	DEI-88	Garage
4A51	Field Range Latrine	DEI-27	Range Storage	DEI-90	Storage Shed
4A55	Field Range Latrine	DEI-30	Radar Storage	DEI-91	Storage Shed
4A60	Field Range Latrine	DEI-33	Storage Building	DEI-93	Storage Shed
4A63	Field Range Latrine	DEI-34	Storage Building	DEI-94	Storeroom
4A64	Field Range Latrine	DEI-35	Storage Building	DEI-95	Storage Shed
4A65	Field Range Latrine	DEI-38	Storage Building	DEI-98	Storage Shed
4A75	Field Range Latrine	DEI-41	Storeroom	DEI-99	Sentry Station
4A77	Field Range Latrine	DEI-50	Storage Building	DEI-100	Storeroom
4B43	Field Range Latrine	DEI-52	Storage Building	DEI-101	Storage
4B51	Field Range Latrine	DEI-54	Storage Building	DEI-102	Display Case
4B55	Field Latrine	DEI-56	Paper Pulverizing Bldg	DEI-104	Weightroom
4B59	Field Ranage Latrine	DEI-57	Storeroom	DEI-105	Storage Shed
4B60	Field Range Latrine	DEI-59	Storage Building	DEI-107	Storeroom
4B61	Field Range Latrine	DEI-60	Office Building	DEI-108	Storeroom
4B62	Field Range Latrine	DEI-61	Admin General Purpose	DEI-109	Storeroom
4B63	Field Range Latrine	DEI-63	Maintenance Shed	DEI-113	Storeroom
4B74	Field Range Latrine	DEI-66	Storeroom	TPIER	Loading Pier
4B75	Field Latrine	DEI-67	Storeroom	S-26	Maintenance Shed
4B77	Field Range Latrine	DEI-68	Warehouse	S-28	Storeroom
ABP- 2	Ammunition Breakdn Pt	DEI-69	Warehouse		

Appendix B: Environmental Database, Inc.

This report is in no way to be taken as a declaration of the legal status of any property herein mentioned.

The information contained in this report has been gathered from government sources and was the latest available to us at compilation time. While every reasonable attempt has been made to ensure the accuracy of the information contained herein; it is understood that we cannot guarantee the accuracy of the information from the original sources, nor can we guarantee that no transcription or plotting errors have occurred.

For reports that contain maps it is understood that the purpose of these maps is to give the user a "working approximation" of the positions of reported site locations. Due to the level of accuracy for both the base maps themselves and the reported location information, these maps should not be used for purposes more correctly served by professional surveys.

Plotting of environmental information on our maps is dependent in part, on the accuracy of the street grid as represented in our map files. Should the client suspect the existence of, or during the field inspection should the client encounter, streets that are not shown on our maps, this should be brought to our attention to further improve the accuracy of the information contained in this report.

It is to be understood that the publishers of this report are not engaged in rendering legal, accounting or other expert-professional service. The proper use to which this information should be put is best determined by the purchaser.

ENVIRONMENTAL DATABASE, INC.
7061 S. University Blvd. • Suite 300
Littleton, Colorado 80122
(303) 794-8389 • 1-800-982-4627 • Fax (303) 794-0049

November 11, 1993

Ms. Susan Coons
Arthur D. Little Company
5670 Willshire Blvd
Suite #2300
Los Angeles, CA 90036

Client Job #: None Given
Client PO #: None Given

Search Area: Fort Ord Military Base - Fort Ord, CA

Dear Ms. Coons:

The **Customized** data search we performed on the above referenced property encountered the following occurrences. There are **two** (2 copies each) maps with this project:

Database Searched	On Site	In Search Area	Location Unknown	Advisory	Search Radius	Totals
NPL/Superfund Sites	0	0	0	.0	1 Mile	0
EPA CERCLIS Sites	0	2	3	.0	1 Mile	5
ERNS Spills	0	.14	2	.0	1 Mile	16
RCRA Corrective Actn	0	0	0	.0	1 Mile	0
RCRA D Landfills	0	0	2	.0	1 Mile	2
RCRA Facilities	0	.25	4	.0	1 Mile	29
State Superfund	0	0	7	.0	1 Mile	7
State Landfills	0	0	2	.1	1 Mile	3
Leaking UST's	0	9	9	.0	1 Mile	18

Additional details about this job search are included with the enclosed reports. If there are any questions, please call us at 1-800-982-4627 or 303-794-8389.

Sincerely,

Jacqie R. Little

Jacqie R. Little
Database Administrator

EDI Project #: 5419

DATABASE UPDATE DATES & MAP STATUS EXPLANATIONS

Databases	Date Of Agency Update
NPL/Superfund Sites	04/03/93
EPA CERCLIS Sites	04/03/93
ERNS Hazardous Material Spills	08/15/92
RCRA Corrective Action	03/01/93
RCRA D Landfills	03/01/93
RCRA Facilities (All Categories)	09/01/92
State Superfund Sites	05/23/93
State Landfills	05/23/93
Leaking UST's	05/23/93

Please note that numerous spills were listed in the database as Pacific Ocean or Monterey Bay, we did not included these because of the lack of location information. Several occurences that have good address information were not mapped due to poor address control on the Monterey County Base Map. In addition, Fort Ord is listed in most of the databases (e.g. NPL) but was not included as per job specifications.

Map Status Explanations

IN SEARCH AREA - SITE MAPPED:
This represents a site which was mapped upon your request.

IN SEARCH AREA - SITE NOT MAPPED:
This represents a site which was within your search area, but which you requested not to be mapped.

LOCATION UNKNOWN - SITE NOT MAPPED:
This represents a site which we were unable to exclude from your search area because of insufficient address/location information. We are including this report for your reference in case it might be in your area of investigation.

ADVISORY ONLY - SITE NOT MAPPED:
This represents a site address which was found to be outside your search area, but which may encroach on your project area. We have included these reports for your reference.

MAP LEGEND

ENVIRONMENTAL SITE SYMBOLS

SITE FOR ENVIRONMENTAL DATA-SEARCH

NPL/SUPERFUND SITE

CERCLA SITE

SARA III/TRIS SITE
(TOXIC RELEASE INVENTORY FACILITY)

ERNS SITE
(REPORTED HAZARDOUS MATERIAL SPILL)

RCRA CORRECTIVE ACTION SITE

RCRA NOTIFIER FACILITY

LANDFILL OR RCRA SUBTITLE D
WASTE LANDFILL

FINDS FACILITY

AIR FACILITY

AIR MONITORING STATION

PCS FACILITY

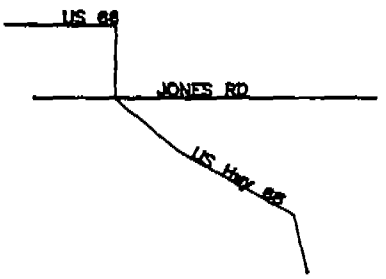
STATE SUPERFUND SITE

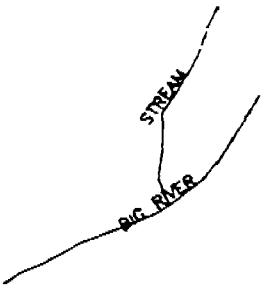
REPORTED LEAKING
UNDERGROUND STORAGE TANK

REGISTERED
UNDERGROUND STORAGE TANK

STATE CERCLIS/CORTESE SITE

CULTURAL FEATURES





DATABASE REFERENCE SHEET

EPA INFORMATION SYSTEMS

NPL/Superfund Sites: National Priority Listing Sites - those sites that pose an immediate public health hazard and immediate (cleanup) response is necessary. EPA (Environmental Protection Agency) database. Also found in CERCLA.

NPL/Superfund Potentially Responsible Parties: Potentially Responsible Parties (PRP's) are individuals, businesses, municipalities, and other entities that been identified by the EPA has being potentially liable to held fund (or repay) environmental cleanup costs. EPA database.

Civil Enforcement Docket: EPA information system used to track civil judicial cases against PRP's and other entities.

CERCLA Sites: EPA database that tracks the sites found on the CERCLIS data system (Comprehensive Environmental Response, Compensation and Liability Information System). These usually abandoned/inactive hazardous waste sites are under review to determine the extent of the public health hazard.

SARA III TRIS Facilities: Also known as SARA Title 3 Facilities. SARA = Superfund Amendments and Reauthorization Act. Also referenced as Emergency Planning and Community Right-To-Know Act Section 313 Form R reporting. These facilities have at least 10 full-time employees, and either use, manufacture, import, and/or process any one of the toxic chemicals referenced in 40 CFR 372 Subpart D. EPA database.

Hazardous Material Spills: The EPA maintains the Emergency Response Notification System (ERNS) that is the information repository housing information on Hazardous Spills nationwide. This information repository is based on reports filed by local agencies such as fire & police; County agencies; State entities; and Federal agencies such as the Coast Guard and the National Response Center and the EPA as well.

RCRA Corrective Action: These facilities permitted under RCRA (Resource Conservation and Recovery Act) to handle hazardous waste have been found to have waste handling problems. The facilities are undergoing Corrective Action Activities to correct the problems and resume normal operations. EPA database.

RCRA D Landfills: These are landfills that have accepted hazardous waste during their operation. These landfills can be currently operating or closed. The majority of sites in this system are inactive. EPA database.

RCRA Notifier Facilities: The source of this data comes from the EPA RCRIS (Resource Conservation and Recovery Information System) computer system. These facilities have been permitted to handle hazardous waste as defined in the Resource Conservation and Recovery Act (RCRA).

The facility types found in RCRIS are -
Large Quantity Generators: generate more than 1000 kg hazardous waste/month, or > 1 kg acutely hazardous waste/calendar month. Or

generate 1 kg or less and/or accumulate more than 1 kg of residue, soil, etc. from acutely hazardous waste per calendar month

Small Quantity Generators: generate more than 100 and less than 100 kg of hazardous waste during any calendar month & accumulate less than 6000 kg of hazardous waste at any time or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt: generate 100 kg or less of hazardous waste during any calendar month, and accumulate less than 1000 kg of hazardous waste at any time or generate 1 kg or less of acutely hazardous waste per calendar month and accumulate at any time generate or accumulate 100 kg or less of contaminated residue

Transporter: facility engaged in the transportation of hazardous waste.

Treatment/Storage/Disposal (TSD) Facility: facility is engaged in the treatment, storage, or disposal of hazardous waste.

FINDS Facilities: The EPA Facility Index System (FINDS) references any facility or event that has ever received an EPA ID number. The EPA program office that issued the ID number is also listed.

Permitted CLEAN AIR Facilities: EPA information system that contains the permit, compliance, and emissions inventory for facilities requiring a permit under the Clean Air Act.

NPDES Plants (PCS): This EPA database lists the facilities permitted in the National Pollution Discharge Elimination System. The Permit Compliance System (PCS) warehouses the data made available. Facilities found in this database are those that discharge to a surface water system from a point (identifiable) source.

STATE INFORMATION SYSTEMS

State Superfund/Cleanup Sites: Each State has the right to assemble and maintain a list of State designated - hazardous waste cleanup sites. Some States use the EPA CERCLIS as their reporting system, other States have a unique database independent of the EPA sites.

Landfills/Solid Waste Disposal Sites: This list tracks the active & closed landfill and waste disposal sites reported by each state agency.

Leaking Underground Storage Tanks (LUST): This State list tracks all reported Leaks and releases from Underground Storage Tanks. The majority of these incidents involve petroleum dispensing facilities.

Registered Underground Storage Tanks (RUST): The State information system tracks the known and permitted registered underground storage tanks. The majority of these sites involve petroleum dispensing facilities. Some states are also including Aboveground Tanks.

CERCLA SITE REPORT

Map Status: IN SEARCH AREA - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 1997C EPA Region: 09

EPA ID Number: CAD981403942

Site Name: MARINA WELL #9
Address: 1 MI E OF HWY 1 & DEL MONTE BL
City: MARINA
County: MONTEREY
State: CA Zip Code: 93933

USGS Hydrological Unit: 18060012

Date Of Last EPA Update For Site: 10/30/92

Federal Facility Flag: IS NOT A FEDERAL FACILITY
SITE IS NOT ON THE DOCKET

Ownership Indicator: UNKNOWN
Site Incident Category: UNKNOWN - NOT GIVEN
Site Classification: NO DETERMINATION

Site Description: NORTH OF FORT ORD AT BOUNDRY.

NPL Status: THE SITE IS NOT AND NEVER HAS BEEN ON THE PROPOSED AND/OR FINAL NPL

Further Action Flag: NO FURTHER REMEDIAL ACTION PLANNED

CERCLIS Status:
RCRA Flag: UNKNOWN - NOT GIVEN

========== EPA Events That Have Taken Place At The Site ==========

EVENT	LEAD	DATE
DISCOVERY	EPA FUND-FINANCED	05/01/86
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	10/01/87

Map Status: IN SEARCH AREA - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 2513C EPA Region: 09

EPA ID Number: CAD982399974

Site Name: OLD SAND CITY DUMP
Address: EAST OF HWY 101 A FREMONT BLVD
City: MONTEREY
County: MONTEREY
State: CA Zip Code: 93940

USGS Hydrological Unit: 18060012

Date Of Last EPA Update For Site: 10/30/92

Federal Facility Flag: IS NOT A FEDERAL FACILITY
SITE IS NOT ON THE DOCKET

Ownership Indicator: PRIVATE
Site Incident Category: UNKNOWN - NOT GIVEN
Site Classification: NO DETERMINATION

Site Description:

NPL Status: THE SITE IS NOT AND NEVER HAS BEEN ON THE PROPOSED AND/OR FINAL NPL

Further Action Flag:

CERCLIS Status:
RCRA Flag: UNKNOWN - NOT GIVEN

========== EPA Events That Have Taken Place At The Site ==========

EVENT	LEAD	DATE
DISCOVERY	EPA FUND-FINANCED	04/01/88
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	11/06/89
SCREENING SITE INSPECTION	EPA FUND-FINANCED	10/01/92

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 2245C EPA Region: 09

EPA ID Number: CAD981997695

Site Name: SAN JOAQUIN DRUM CO
Address: NEAR SALINAS
City: SALINAS
County: MONTEREY
State: CA Zip Code: 93901

USGS Hydrological Unit: 18060011

Date Of Last EPA Update For Site: 10/30/92

Federal Facility Flag: IS NOT A FEDERAL FACILITY
SITE IS NOT ON THE DOCKET

Ownership Indicator: UNKNOWN
Site Incident Category: UNKNOWN - NOT GIVEN
Site Classification: UNKNOWN - NOT GIVEN

Site Description:

NPL Status: THE SITE IS NOT AND NEVER HAS BEEN ON THE PROPOSED AND/OR FINAL NPL

Further Action Flag: NO FURTHER REMEDIAL ACTION PLANNED

CERCLIS Status:
RCRA Flag: UNKNOWN - NOT GIVEN

========== EPA Events That Have Taken Place At The Site ==========

EVENT	LEAD	DATE
DISCOVERY	EPA FUND-FINANCED	06/01/87
HAZARD RANKING DETERMINED		06/01/87
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	06/01/87
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	04/01/88
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	05/01/88
SCREENING SITE INSPECTION	EPA FUND-FINANCED	06/01/87

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 2302C EPA Region: 09

EPA ID Number: CAD982358251

Site Name: AEROJET GENERAL CORP
Address: 1321 SALINAS HWY
City: MONTEREY
County: MONTEREY
State: CA Zip Code: 93940

USGS Hydrological Unit: 18060012

Date Of Last EPA Update For Site: 10/30/92

Federal Facility Flag: IS NOT A FEDERAL FACILITY
SITE IS NOT ON THE DOCKET

Ownership Indicator: PRIVATE
Site Incident Category: UNKNOWN - NOT GIVEN
Site Classification: NO DETERMINATION

Site Description:

NPL Status: THE SITE IS NOT AND NEVER HAS BEEN ON THE PROPOSED AND/OR FINAL NPL

Further Action Flag: NO FURTHER REMEDIAL ACTION PLANNED

CERCLIS Status:
RCRA Flag: UNKNOWN - NOT GIVEN

========== EPA Events That Have Taken Place At The Site ==========

EVENT	LEAD	DATE
DISCOVERY	STATE, FUND FINANCED	12/01/87
PRELIMINARY ASSESSMENT	STATE, FUND FINANCED	12/13/88

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 561C EPA Region: 09

EPA ID Number: CAD009118928

Site Name: AMSTAR CORP SPRECKELS SUGAR DIV F-1
Address: SPRECKELS BLVD
City: SPRECKELS
County: MONTEREY
State: CA Zip Code: 93962

USGS Hydrological Unit: 18060005

Date Of Last EPA Update For Site: 10/30/92

Federal Facility Flag: IS NOT A FEDERAL FACILITY
SITE IS NOT ON THE DOCKET

Ownership Indicator: UNKNOWN
Site Incident Category: UNKNOWN - NOT GIVEN
Site Classification: NO DETERMINATION

Site Description:

NPL Status: THE SITE IS NOT AND NEVER HAS BEEN ON THE PROPOSED AND/OR FINAL NPL

Further Action Flag: NO FURTHER REMEDIAL ACTION PLANNED

CERCLIS Status:
RCRA Flag: UNKNOWN - NOT GIVEN

========== EPA Events That Have Taken Place At The Site ==========

EVENT	LEAD	DATE
DISCOVERY	EPA FUND-FINANCED	08/01/80
PRELIMINARY ASSESSMENT	EPA FUND-FINANCED	12/01/87
SCREENING SITE INSPECTION	EPA FUND-FINANCED	05/31/89

HAZARDOUS MATERIAL SPILL REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2699S1

Report Number: 91-4228
Date Spill Was Reported: 05/23/1991
Date Of Spill: 05/22/1991

Spill Location:
BLANCO ROAD AT COOPER RD

City:

Zip Code:

County: MONTEREY

Material And Amount Spilled

FUNGICIDE "ALIETTE" 00000015.00 POUNDS
UNKNOWN

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:
CAOES #17205

Action Taken: CLEANUP BY MONTEREY CO RDS, SUPERVISED BY CODOH

Description:

Comments:

Potentially Responsible Party Information=====

PRP: UNKNOWN

Telephone:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2762S1

Report Number: 91-4292
Date Spill Was Reported: 05/29/1991
Date Of Spill: 05/28/1991

Spill Location:
850 PLAYA AVENUE

City: SAND CITY

Zip Code: 93953-

County: MONTEREY

Material And Amount Spilled

PAINT THINNER/OIL/BASE PAINT 00000015.00 GALLONS
UNKNOWN

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:
CAOES #17161/FD/CODOH/DFG/RWQCB

Action Taken: CLEANUP BY CODOH

Description:

Comments:

Potentially Responsible Party Information=====

PRP: UNKNOWN

Telephone:

HAZARDOUS MATERIAL SPILL REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2779S0 Report Number: 90-8589
Date Spill Was Reported: 07/11 1990
Date Of Spill: 07/10 1990

Spill Location:
RYAN RANCH INDUSTRIAL PARK OFF -HWY 1618

City: DEL REY OAKS (NR) Zip Code: 93940-

County: MONTEREY

Material And Amount Spilled

METHYLENE CHLORIDE 00000025.00 Gallons

Environments Possibly Effected By The Spill:
UNKNOWN NAMED CREEK

Agencies Notified Of Spill:
CAOES #11772

Action Taken: CREEK DIKED OF. PUB WORKS TO PUMP OUT AND REMOVE.

Description:

Comments: ** (THEY DIDN'T FOLLOW THEIR SPILL PLAN)

Potentially Responsible Party Information=====

PRP: UNKNOWN

Telephone:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2790S9

Report Number: 89-1566
Date Spill Was Reported: 04/28 1989
Date Of Spill: 04/27 1989

Spill Location:
ST RT 68 AT LAURELES GRADE

City:

Zip Code:

County: MONTEREY

Material And Amount Spilled

DIESEL 00000075.00 Gallons

Environments Possibly Effected By The Spill:

Agencies Notified Of Spill:

Action Taken:

Description: OVERTURNED TRUCK

Comments: CAOES-89-05927

Potentially Responsible Party Information=====

PRP: UNK

Telephone:

HAZARDOUS MATERIAL SPILL REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2800S9

Report Number: 89-1493
Date Spill Was Reported: 04/25 1989
Date Of Spill: 04/25 1989

Spill Location:
3350 DEL MONTE BLVD APARTMENT COMPLEX

City: MARINA

Zip Code:

County: MONTEREY

Material And Amount Spilled

GASOLINE 00000002.00 Gallons

Environments Possibly Effected By The Spill:

Agencies Notified Of Spill:

Action Taken:

Description: VEHICLE GAS LEAK

Comments: CAOES-89-05796

Potentially Responsible Party Information=====

PRP: UNK

Telephone:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2814S0

Report Number: 90-9669
Date Spill Was Reported: 08/29 1990
Date Of Spill: 08/28 1990

Spill Location:
DELMONTE AVENUE AND BROADWAY

City: SEASIDE

Zip Code: 93955-

County: MONTEREY

Material And Amount Spilled

HYDROCHLORIC ACID 00000003.00 Other

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:
CAOES #12649

Action Taken: ** INTO DRAINS. / NEUTRALIZED AND FLUSHED BY FIRE DEPT.

Description: QUANTITY=QUARTS

Comments:

Potentially Responsible Party Information=====

PRP: UNKNOWN

Telephone:

HAZARDOUS MATERIAL SPILL REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2842S9

Report Number: 89-4274
Date Spill Was Reported: 10/30 1989
Date Of Spill: 10/30 1989

Spill Location:

City: SAND CITY

Zip Code: 93955-

County: MONTEREY

Material And Amount Spilled

ANHYDROUS AMMONIA 00000005.00 Pounds

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:

Action Taken:

Description:

Comments:

Potentially Responsible Party Information=====

PRP: MONTEREY FISH CO
841 FIR AVE
SAND CITY
CA 93955-

Telephone: 408-394-1442

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2843S9

Report Number: 89-1117
Date Spill Was Reported: 03/30 1989
Date Of Spill: 03/30 1989

Spill Location:
SPARKLE CLEANERS T DIMAGGIO

City: SEASIDE

Zip Code:

County: MONTEREY

Material And Amount Spilled

PERCHLOROETHYLENE' 00000010.00 Gallons

Environments Possibly Effected By The Spill:

Agencies Notified Of Spill:

Action Taken:

Description:

Comments: CAOES-89-05475

Potentially Responsible Party Information=====

PRP: SPARKLE CLEANERS T DIMAGGIO
1760C FREMONT BLVD
SEASIDE
CA 93955

Telephone: 408-375-6710

HAZARDOUS MATERIAL SPILL REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2844S9

Report Number: 89-1964
Date Spill Was Reported: 05/25 1989
Date Of Spill: 05/25 1989

Spill Location:
1943 FREEMONT STREET

City: SEASIDE

Zip Code:

County: MONTEREY

Material And Amount Spilled

OIL SUBSTANCE 00000440.00 Gallons

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:

Action Taken:

Description: 8 55GAL DRUMS FOUND BEHIND ADDRESS

Comments: CAOES-89-06267/CA DEPT OF FOREST WARREN FIELD STATES WILDLIFE IN AREA

Potentially Responsible Party Information=====

PRP: UNK

Telephone:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2897S7 Report Number: 87-1561
Date Spill Was Reported: 01/05 1987
Date Of Spill: 01/05 1987

Spill Location:
HWY-218 FR:HWY-68/DEL OAKS,MONTEREY

City: Zip Code:

County: MONTEREY

Material And Amount Spilled

DIESEL 00000100.00 Gallons

Environments Possibly Effected By The Spill:
STORM DRAIN

Agencies Notified Of Spill:
CA-F+G/CO ENV HEALTH/USCG-12TH

Action Taken: CITY F.D./CALTRANS + CO ENV HEALTH = C/UP.

Description: RUPTURED SADDLE-TANKS ON TRUCK

Comments:

Potentially Responsible Party Information=====

PRP: NORTHERN REFRIGERATED TRANSPRT

Telephone:

HAZARDOUS MATERIAL SPILL REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 2928S7

Report Number: 87-3774
Date Spill Was Reported: 09/02 1987
Date Of Spill: 09/02 1987

Spill Location:
DARLENE BERKELO

City: SEASIDE

Zip Code:

County: MONTEREY

Material And Amount Spilled

INSECTICIDE 00000002.00 Gallons

Environments Possibly Effected By The Spill:

Agencies Notified Of Spill:
FD/CODOH/CA-OES/CF&G/RWQCB

Action Taken: HOSED TO SURROUNDING LAWN BY FD/FD=CU

Description: LEAKING CONT./LEAK TO CONCRETE FLOOR IN STORAGE BLDG.

Comments: *CHLORDANE MALATHION,AROMATIC SOLVENTS.

Potentially Responsible Party Information=====

PRP: DARLENE BERKELO
HANNAN ASSEMBLED #1773 WARING
SEASIDE
CA 93955

Telephone: 408-899-2306

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 4177S2

Report Number: 92-5151
Date Spill Was Reported: 07/17/1992
Date Of Spill: 07/17/1992

Spill Location:
895 FIR ST

City: SAND CITY

Zip Code: 93955-

County: SEASIDE

Material And Amount Spilled

AMMONIA UNKNOWN UNKNOWN
UNKNOWN

Environments Possibly Effected By The Spill:

Agencies Notified Of Spill:

Action Taken: NO WATERWAYS, NO CLEANUP

Description:

Comments: ROADWAY WAS NOT CLOSED

Potentially Responsible Party Information=====

PRP: MONTEREY FISH CO.
895 FIR ST
SAND CITY
CA 93955-

Telephone: 408-394-1442

HAZARDOUS MATERIAL SPILL REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 468S1

Report Number: 91-2127
Date Spill Was Reported: 01/24/1991
Date Of Spill: 01/24/1991

Spill Location:
SR 68 AND YORK RD

City: MONTEREY

Zip Code: 93940-

County: MONTEREY

Material And Amount Spilled

UNKNOWN LIQUID 00000001.00 GALLONS
UNKNOWN

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:
CAOES #15098/DFG/RWQCB/CALTRANS/FD

Action Taken: CLEANUP UNDETERMINED

Description: FELL FROM TRUCK

Comments:

Potentially Responsible Party Information=====

PRP: UNKNOWN

Telephone:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 477S1

Report Number: 91-2137
Date Spill Was Reported: 01/25/1991
Date Of Spill: 01/24/1991

Spill Location:
HWY 68 AT YORK RD

City: MONTEREY

Zip Code: 93940-

County: MONTEREY

Material And Amount Spilled

MURIATIC ACID 00000001.00 GALLONS
UNKNOWN

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:
CAOES #15140/DFG/RWQCB

Action Taken: MATERIAL ABSORBED AND PICKED UP. RESIDUE DILUTED AND WASHED DOWN

Description:

Comments:

Potentially Responsible Party Information=====

PRP: UNKNOWN

Telephone:

HAZARDOUS MATERIAL SPILL REPORT

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 2801S9

Report Number: 89-4468
Date Spill Was Reported: 11/15 1989
Date Of Spill: 11/14 1989

Spill Location:

City: MARINA

Zip Code:

County: MONTEREY

Material And Amount Spilled

GASOLINE UNKNOWN Amount

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:

Action Taken:

Description:

Comments:

Potentially Responsible Party Information=====

PRP: ARCO/HOLMAN C
P O BOX 5811
SAN MATEO
CA 94402-

Telephone: 415-571-2424

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 2813S0

Report Number: 90-9064
Date Spill Was Reported: 08/06 1990
Date Of Spill: 08/05 1990

Spill Location:
SB HWY/ JUST S OF FORT ORD

City: SEASIDE

Zip Code:

County: MONTEREY

Material And Amount Spilled

DIESEL 00000060.00 Gallons

Environments Possibly Effected By The Spill:
NONE

Agencies Notified Of Spill:
CAOES #12238

Action Taken: CONTAINED CALTRANS HANDLED CLEANUP.

Description:

Comments:

Potentially Responsible Party Information=====

PRP: UNKNOWN

Telephone:

RCRA SUBTITLE D LANDFILL REPORT

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 664D EPA ID Number:

Name: MONTEREY PENNINSULA SANITARY LANDFILL

Address:
City: MARINA Zip Code: 93933
County: State: CA

Contact: Telephone:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 860D EPA ID Number:

Name: PARKFIELD DISPOSAL SITE

Address:
City: Zip Code:
County: MONTEREY COUNTY State: CA

Contact: Telephone:

RCRA NOTIFIER FACILITY REPORT

Map Status: ADVISORY ONLY - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 12998R

EPA ID Number: CAD981633167

Facility: ONE HOUR MARTINIZING
Address: 215 C RESERVATION RD
City: MARINA Zip Code: 98933

County: MONTEREY

Owner Name: DONS ONE HR DRY CLEANING INC
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4084249787

RCRA Facility Designations

Generator Type - CONDITIONALLY EXEMPT
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: ADVISORY ONLY - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 13006R

EPA ID Number: CAD981637481

Facility: DONS ONE HR CLEANERS
Address: 215 C RESERVATION RD
City: MARINA Zip Code: 93933

County: MONTEREY

Owner Name: DON MAMMEN
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083847551

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12830R

EPA ID Number: CAD028706307

Facility: VICTORY TOYOTA-ALFA MASERATI
Address: #5 HEITZINGER PLAZA
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: LESLIE MOTORS, INC
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083948116

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12845R

EPA ID Number: CAD044872414

Facility: MONTEREY NISSAN SUBARU
Address: #2 GEARY PLAZA
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: ROBERT HAMILTON
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083948501

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12852R

EPA ID Number: CAD059490938

Facility: COUROC OF MONTEREY INC
Address: 1725 CONTRA COSTA
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: COUROC OF MONTEREY INC
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083946601

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12857R

EPA ID Number: CAD070769757

Facility: MIRACLE AUTO PAINTING
Address: 1670 DEL MONTE BLVD
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: NOT REQUIRED
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4155790460

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12867R

EPA ID Number: CAD089957641

Facility: RADIONICS INCORPORATED
Address: 228 REINDOLLAR AVENUE
City: MARINA Zip Code: 93933

County: MONTEREY

Owner Name: GUSSIE LOCKEPADDEN
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083848877

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12877R

EPA ID Number: CAD125081364

Facility: MONTEREY DISPOSAL INC
Address: 808 TIOGA
City: SAND CITY Zip Code: 93955

County: MONTEREY

Owner Name: ENVIRONMENTAL MGR
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083727977

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12888R

EPA ID Number: CAD981160120

Facility: STORELLI BROS AUTO BODY & GLASS
Address: 1845 DEL MONTE BLVD
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: J, R & T STORELLI
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4155551212

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12926R

EPA ID Number: CAD981409527

Facility: MONTEREY REGIONAL WASTE MGM DIST
Address: 840 TIOGA AVE
City: SAND CITY Zip Code: 93955

County: MONTEREY

Owner Name: JAMES C CARROLL
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083845313

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12934R

EPA ID Number: CAD981428980

Facility: AILING HOUSE PEST CONTROL INC
Address: 1032 TRINITY ST
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: AILING HOUSE PEST CONT CORP
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4086248211

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12936R

EPA ID Number: CAD981431489

Facility: DEWEY PEST CONTROL
Address: 3114 A DEL MONTE BLVD
City: MARINA Zip Code: 93933

County: MONTEREY

Owner Name: DEWEY SERVICES INC
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 2136606804

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

RCRA NOTIFIER FACILITY REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12940R

EPA ID Number: CAD981434616

Facility: VAL STROUGH HONDA-MAZDA
Address: 1 HEITZINGER PLAZA
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: ABC DORAIS LTD
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4088992222

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12954R

EPA ID Number: CAD981445349

Facility: MONTEREY DODGE
Address: #2 HEITZINGER PLAZA
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: MONTEREY DODGE
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4088992311

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 12976R

EPA ID Number: CAD981582596

Facility: OLYMPIA CLEARNERS
Address: 1760 FREMONT BLVD
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: MICHAEL LEE
Ownership Status: PRIVATE

Facility Contact: LEE MICHAEL
Telephone: 4083947000

RCRA Facility Designations

Generator Type - SMALL QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13031R

EPA ID Number: CAD981690076

Facility: M A REFINING
Address: 224 REINDOLLAR SPACE 110
City: MARINA Zip Code: 93933

County: MONTEREY

Owner Name: MR RUSSELL
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4088832158

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13046R

EPA ID Number: CAD981983760

Facility: PENINSULA DRY CLEANER
Address: 266 RESERVATION RD #N
City: MARINA Zip Code: 93933

County: MONTEREY

Owner Name: TAE YOO
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083845337

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13067R

EPA ID Number: CAD982009979

Facility: ANDYS AUTO BODY SHOP
Address: 3016 A DEL MONTE BLVD
City: MARINA Zip Code: 93933

County: MONTEREY

Owner Name: ANDY ANDERSON
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083845392

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13076R

EPA ID Number: CAD982015372

Facility: HIGHLAND CLEANER
Address: 1201 LASALLE AVE
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: JACK BARON
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083941457

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13086R

EPA ID Number: CAD982024416

Facility: PENINSULA DODGE
Address: 2 HEITZINGER PLAZA
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: BUICH MAN CO
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083943500

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13135R

EPA ID Number: CAD982356750

Facility: SLAUTTERBACK CORP
Address: 1663 CATALINA ST
City: SAND CITY Zip Code: 93955

County: MONTEREY

Owner Name: FRED SLAUTTERBACK
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083943933

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13214R

EPA ID Number: CAT080019789

Facility: PACIFIC BELL
Address: 161 CALLE DEL OAKS
City: DEL REY OAKS Zip Code: 93940

County: MONTEREY

Owner Name: THE PACIFIC TELEPHONE AND TELEGRAPH CO
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4084916029

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type - TRANSPORTER - UNKNOWN STATUS

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13225R

EPA ID Number: CAT080022429

Facility: PACIFIC BELL
Address: 227 CARMEL AVENUE
City: MARINA Zip Code: 93933

County: MONTEREY

Owner Name: THE PACIFIC TELEPHONE AND TELEGRAPH CO
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4084916029

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type - TRANSPORTER - UNKNOWN STATUS

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: 13232R

EPA ID Number: CAT080022510

Facility: PACIFIC BELL
Address: 1257 BROADWAY STREET
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: THE PACIFIC TELEPHONE AND TELEGRAPH CO
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4084916029

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type - TRANSPORTER - UNKNOWN STATUS

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 12922R

EPA ID Number: CAD981403678

Facility: DOHS-MONTEREY CO
Address: MONTEREY CO
City: MONTEREY Zip Code: 99999

County: MONTEREY

Owner Name: STATE OF CALIFORNIA
Ownership Status: STATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 9163242445

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 12956R

EPA ID Number: CAD981445406

Facility: BUTTS PONTIAC CADILLAC
Address: DEL MONTE BLVD
City: SEASIDE Zip Code: 93955

County: MONTEREY

Owner Name: BUTTS PONTIAC CADILLAC
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4083946741

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 12965R

EPA ID Number: CAD981574783

Facility: SOUTHLAND CORP 7 ELEVEN #2233-14258
Address: 22760 PORTOLA DR
City: SALINAS Zip Code: 94908

County: MONTEREY

Owner Name: SOUTHLAND CORP THE
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4154632711

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 13230R

EPA ID Number: CAT080022494

Facility: PACIFIC BELL
Address: #3 SPRECKLES BOULEVARD
City: SPRECKELS Zip Code: 93962

County: MONTEREY

Owner Name: THE PACIFIC TELEPHONE AND TELEGRAPH CO
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4084916029

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type - TRANSPORTER - UNKNOWN STATUS

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements:
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 12818R

EPA ID Number: CAD009118928

Facility: AMSTAR CORP SPRECKELS SUGAR DIV F-1
Address: SPRECKELS BLVD
City: SPRECKELS Zip Code: 93962

County: MONTEREY

Owner Name: AMSTAR CORPORATION
Ownership Status: PRIVATE

Facility Contact: ENVIRONMENTAL MANAGER
Telephone: 4084551811

RCRA Facility Designations

Generator Type - LARGE QUANTITY
TSD Notation -
Transporter Type -

RCRA Violation Flags

For the following RCRA Violation categories a YES notation is referencing the fact that the facility has had (1) or more reported violations in that category.

Generator Requirements: YES
Generator Land-Ban Requirements:

Transporter Requirements:

TSD Groundwater Requirements:
TSD Closure/Post Closure Actions:
TSD Financial Requirements:
TSD Land-Ban Requirements:
TSD Other Violations:

Corrective Action Requirements:

Formal Enforcement Actions:

CALIFORNIA FACILITY INVENTORY REPORT
CALSITE & STATE BOND FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27001008 State ID Number: 27001008

Facility Address: SPRECKELS BLVD
City: SPRECKELS
Zip Code: 93962

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------: Y

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility: Y

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site: Y

MNFST - Facility has manifested hazardous waste offsite: Y

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE: Y

WDSE - Waste discharging facility with an enforcement history:

CALIFORNIA FACILITY INVENTORY REPORT
CALSITE & STATE BOND FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002385 State ID Number: 27002385

Facility Address: P.O. BOX 1447
City: SALINAS
Zip Code: 93901

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------: Y

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill----------:
SWISP - Facility is designated a landfill----------:
SWISU - Facility is designated a landfill----------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE:

WDSE - Waste discharging facility with an enforcement history:

CALIFORNIA FACILITY INVENTORY REPORT
CALSITE & STATE BOND FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002402 State ID Number: 27002402

Facility Address: PO BOX 688
City: SALINAS
Zip Code: 93901

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------: Y

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE:

WDSE - Waste discharging facility with an enforcement history:

CALIFORNIA FACILITY INVENTORY REPORT
CALSITE & STATE BOND FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002418 State ID Number: 27002418

Facility Address: PO BOX 419, SITE LOCATED IN AR
City: SALINAS
Zip Code: 93901

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------: Y

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE:

WDSE - Waste discharging facility with an enforcement history:

CALIFORNIA FACILITY INVENTORY REPORT
CALSITE & STATE BOND FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002426 State ID Number: 27002426

Facility Address: 14201 DEL MONTE BLVD
City: MARINA
Zip Code: 93933

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------: Y

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE:

WDSE - Waste discharging facility with an enforcement history:

CALIFORNIA FACILITY INVENTORY REPORT
CALSITE & STATE BOND FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002435 State ID Number: 27002435

Facility Address: MARINA WELL #9-LANDFILL AREAS
City: FORT ORD
Zip Code: 93941

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system: Y

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------: Y

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE:

WDSE - Waste discharging facility with an enforcement history:

CALIFORNIA FACILITY INVENTORY REPORT
CALSITE & STATE BOND FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27970004 State ID Number: 27970004

Facility Address: MARINA WELL #9 / FRITZSCHE ARMY AREA
City: FORT ORD
Zip Code: 93941

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------:

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE:

WDSE - Waste discharging facility with an enforcement history:

CALIFORNIA FACILITY INVENTORY REPORT
SOLID WASTE/LANDFILL FACILITIES

Map Status: ADVISORY ONLY - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002323 State ID Number: 27002323

Facility Address: 11 RESERVATION RD
City: MARINA
Zip Code: 93933

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------:

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE: Y

WDSE - Waste discharging facility with an enforcement history: Y

CALIFORNIA FACILITY INVENTORY REPORT
SOLID WASTE/LANDFILL FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002375 State ID Number: 27002375

Facility Address: MARINA LANDFILL
City: MARINA
Zip Code: 93933

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------:

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill----------:
SWISP - Facility is designated a landfill----------:
SWISU - Facility is designated a landfill----------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE: Y

WDSE - Waste discharging facility with an enforcement history: Y

CALIFORNIA FACILITY INVENTORY REPORT
SOLID WASTE/LANDFILL FACILITIES

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: 27002461 State ID Number: 27002461

Facility Address: P.O.BOX 308
City: MONTEREY
Zip Code: 93940

California Regulatory and Permit Coverage For The Facility

A "Y" Flag indicates the facility is under regulatory activity for the program office.

CORTESE FLAG - Faclity appears in the CORTESE (cleanup) system:

A1025 - (Air) Emissions Data System----: (Less than 25 tons)
AGT25 - (Air) Emissions Data System----: (More than 25 tons)
AIRS - (Air) EPA Permitted AIR Facility:

CALNF - CALSITE facility no further action:
CALSI - An active CALSITE facility--------:

DTSCD - A facility with STATE enforcement activity:
FDOCK - A facility with EPA enforcement activity--:

HWIS - State permitted hazardous waste facility:

IUR - Chemical manufacturer in the Inventory Update report:

LTANK - Leaking UST at the site---:
UTANK - Registered UST at the site:

MNFST - Facility has manifested hazardous waste offsite:

PCS - Facility in NPDES reporting in the Permit Compliance System:

PEST - Facility permitted for Pesticides:

SWISE - Facility is designated a landfill---------------:
SWISP - Facility is designated a landfill---------------:
SWISU - Facility is designated a landfill---------------:
WB-LF - Sanitary landfill with groundwater contamination:

SWRCB - Facility discharging into surface waters under STATE: Y

WDSE - Waste discharging facility with an enforcement history: Y

CALIFORNIA LEAKING UST REPORT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L22457

Site: MONTEREY PENINSULA UNIF SCHOOL
Address: 540 CANYON DEL REY
City: MONTEREY Region #:

Date Reported: 1989/11/20 Date Reviewed: 1989/12/13

Responsible Agency: LOCAL AGENCY

Substance: DIESEL

Affected Media: UNDETERMINED

Status: PSA WORKPLAN SUBMITTED

Abatement Method:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L6185

Site: QUAESTAR INC.
Address: 2101 DEL MONTE AVENUE
City: MONTEREY Region #: 03

Date Reported: 1987/02/05 Date Reviewed: 1987/10/19

Responsible Agency: REGIONAL BOARD

Substance: GASOLINE

Affected Media: GROUNDWATER

Status: CASE CLOSED

Abatement Method:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L6522

Site: MARINA EXXON
Address: 3184 DEL MONTE BOULEVARD
City: MARINA Region #: 03

Date Reported: 1988/12/06 Date Reviewed: 1992/03/25

Responsible Agency: REGIONAL BOARD

Substance: GASOLINE

Affected Media: GROUNDWATER

Status: POLLUTION CHARACTERIZATION

Abatement Method: EXCAVATE & DISPOSE

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L6689

Site: ARCO STATION #2141
Address: 211 RESERVATION ROAD
City: MARINA Region #: 03

Date Reported: 1989/08/07 Date Reviewed: 1989/11/18

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDEFINED

Status: PSA WORKPLAN SUBMITTED

Abatement Method: OT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L6712

Site: MONTEREY PENINSULA UNIF SCHOOL
Address: L540 CANYON DEL REY
City: MONTEREY Region #: 03

Date Reported: 1989/11/20 Date Reviewed: 1989/12/13

Responsible Agency: LOCAL AGENCY

Substance: DIESEL

Affected Media: UNDEFINED

Status: PSA WORKPLAN SUBMITTED

Abatement Method:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L6828

Site: MONTEREY PENINSULA AIRPORT
Address: OLMSTEAD ROAD
City: MONTEREY Region #: 03

Date Reported: 1990/07/25 Date Reviewed: 1990/08/08

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDEFINED

Status: PSA WORKPLAN SUBMITTED

Abatement Method:

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L6927

Site: EXXON SERVICE STATION 7-0279
Address: 1550 FREMONT BOULEVARD
City: SEASIDE Region #: 03

Date Reported: 1990/10/31 Date Reviewed: 1992/03/26

Responsible Agency: REGIONAL BOARD

Substance: GASOLINE

Affected Media: GROUNDWATER

Status: CASE CLOSED

Abatement Method: EXCAVATE & TREAT

Map Status: IN SEARCH AREA - SITE MAPPED (REFER TO MAP #)

Map Number: L7089

Site: PHIL'S EXXON
Address: 2100 DEL MONTE AVE
City: MONTEREY Region #: 03

Date Reported: 1990/05/16 Date Reviewed: 1992/03/25

Responsible Agency: REGIONAL BOARD

Substance: GASOLINE

Affected Media: GROUNDWATER

Status: POST REMEDIAL ACTION

Abatement Method: EXCAVATE & DISPOSE

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L22455

Site: MONTEREY PEN. GARBAGE & REFUSE
Address: DEL MONTE AVENUE
City: MARINA Region #:

Date Reported: 1987/10/21 Date Reviewed: 1987/11/06

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDETERMINED

Status: POLLUTION CHARACTERIZATION

Abatement Method:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L22456

Site: MONTEREY PENINSULA AIRPORT DIS
Address: AIRPORT ROAD
City: MONTEREY Region #:

Date Reported: 1990/07/23 Date Reviewed: 1990/08/08

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDETERMINED

Status: PSA WORKPLAN SUBMITTED

Abatement Method:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L6057

Site: SPRECKELS EXXON
Address: SPRECKELS BOULEVARD
City: SPRECKELS Region #: 03

Date Reported: 1987/02/26 Date Reviewed: 1987/10/19

Responsible Agency: REGIONAL BOARD

Substance: GASOLINE

Affected Media: GROUNDWATER

Status: CASE CLOSED

Abatement Method:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L6193

Site: AVIS SERVICE CENTER
Address: MONTEREY AIRPORT
City: MONTEREY Region #: 03

Date Reported: 1986/06/04 Date Reviewed: 1992/03/23

Responsible Agency: REGIONAL BOARD

Substance: GASOLINE

Affected Media: GROUNDWATER

Status: REMEDIAL ACTION

Abatement Method:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L6289

Site: MONTEREY PEN. GARBAGE & REFUSE
Address: E DEL MONTE AVENUE
City: MARINA Region #: 03

Date Reported: 1987/10/21 Date Reviewed: 1987/11/06

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDEFINED

Status: POLLUTION CHARACTERIZATION

Abatement Method:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L6438

Site: MONTEREY COUNTY SPCA
Address: P.O. BOX 3058
City: MONTEREY Region #: 03

Date Reported: 1988/06/01 Date Reviewed: 1988/08/16

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDEFINED

Status: CASE CLOSED

Abatement Method: EXCAVATE & TREAT

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L6829

Site: MONTEREY PENINSULA AIRPORT DIS
Address: S AIRPORT ROAD
City: MONTEREY Region #: 03

Date Reported: 1990/07/23 Date Reviewed: 1990/08/08

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDEFINED

Status: PSA WORKPLAN SUBMITTED

Abatement Method:

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L6870

Site: LONGORIA'S
Address: 24255 GRANT STREET SUITE A
City: MONTEREY Region #: 03

Date Reported: 1990/09/18 Date Reviewed: 1990/10/05

Responsible Agency: REGIONAL BOARD

Substance: GASOLINE

Affected Media: UNDEFINED

Status: PSA WORKPLAN SUBMITTED

Abatement Method: EXCAVATE & TREAT

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L6938

Site: MONTEREY PENINSULA AIRPORT D.
Address: MONTEREY PENINSULA AIRP.
City: MONTEREY Region #: 03

Date Reported: 1990/12/27 Date Reviewed: 1992/03/25

Responsible Agency: REGIONAL BOARD

Substance: JET FUEL

Affected Media: GROUNDWATER

Status: POLLUTION CHARACTERIZATION

Abatement Method: EXCAVATE & TREAT

Map Status: LOCATION UNKNOWN - SITE NOT MAPPED (DISREGARD MAP #)

Map Number: L7092

Site: MONTEREY REG WATER POLL.CONT
Address: 14811 DEL MONTE AVE
City: MARINA Region #: 03

Date Reported: 1992/01/10 Date Reviewed: 1992/01/30

Responsible Agency: LOCAL AGENCY

Substance: GASOLINE

Affected Media: UNDEFINED

Status: UNKNOWN - NOT GIVEN

Abatement Method:

Appendix C: Chain of Title Report

TitleTech

Telephone Area Code: (510)

fax 932-3228

1870 Olympic Boulevard, Suite 205
Walnut Creek, California 94596
932-4483

CHAIN OF TITLE REPORT

24.951 ACRES OF LAND MORE OR LESS

VESTED IN

UNITED STATES OF AMERICA

MONTEREY, CALIFORNIA

ON JANUARY 1, 1936, THE PROPERTY THAT IS THE SUBJECT OF THIS REPORT WAS VESTED OF RECORD IN THE FOLLOWING PARTY:

HENRY C. CLAUSEN
AND
ANNIE G. CLAUSEN
HUSBAND AND WIFE
AS TO A PORTION OF SAID LAND

AND

BENJAMIN RUSH BINGAMAN
A SINGLE MAN
AS TO A PORTION OF SAID LAND

SUBSEQUENT TO SAID JANUARY 1, 1936, THE FOLLOWING TRANSFERS OF THE FEE TITLE TO SAID LAND APPEAR OF RECORD IN THE OFFICIAL RECORDS OF THE MONTEREY COUNTY RECORDER:

1. *DOCUMENT : DEED*
   RECORDED : MARCH 19, 1936
   REFERENCE: VOLUME 472, AT PAGE 264
   MONTEREY COUNTY OFFICIAL RECORDS
   GRANTOR : HENRY C. CLAUSEN
   AND
   ANNIE G. CLAUSEN
   HUSBAND AND WIFE
   GRANTEE : T. R. MERRILL
   AFFECTS : SAID CONVEYANCE AFFECTS A PORTION OF THE SUBJECT PROPERTY AND OTHER PROPERTY THAT IS NOT THE SUBJECT OF THIS REPORT.

2. DOCUMENT : DEED
RECORDED : JANUARY 21, 1938
REFERENCE: VOLUME 557, AT PAGE 310
MONTEREY COUNTY OFFICIAL RECORDS
GRANTOR : BENJAMIN RUSH BINGAMAN
A SINGLE MAN
GRANTEE : T. R. MERRILL
AFFECTS : SAID CONVEYANCE AFFECTS A PORTION OF THE SUBJECT PROPERTY AND OTHER PROPERTY THAT IS NOT THE SUBJECT OF THIS REPORT.

3. DOCUMENT : ORDER SETTLING FIRST AND FINAL ACCOUNT AND REPORT OF EXECUTRIX AND EXECUTOR AND DECREE OF FINAL DISTRIBUTION UNDER WILL
RECORDED : AUGUST 12, 1955
REFERENCE: REEL 472, AT PAGE 952
MONTEREY COUNTY OFFICIAL RECORDS
GRANTOR : T. R. MERRILL
AKA
THOMAS R. MERRILL
AKA
THOMAS RUSSELL MERRILL
DECEASED
GRANTEE : WILMA S. MERRILL
SURVIVING SPOUSE
AFFECTS : SAID CONVEYANCE AFFECTS ALL OF THE SUBJECT PROPERTY AND OTHER PROPERTY THAT IS NOT THE SUBJECT OF THIS REPORT.

4. DOCUMENT : INDIVIDUAL GRANT DEED
RECORDED : DECEMBER 21, 1973
REFERENCE: REEL 886 , AT PAGE 662
MONTEREY COUNTY OFFICIAL RECORDS
GRANTOR : WILMA S. MERRILL
A WIDOW
GRANTEE : MERRILL FARMS
A CORPORATION
AFFECTS : SAID CONVEYANCE AFFECTS A PORTION OF THE SUBJECT PROPERTY AND TO OTHER PROPERTY THAT IS NOT THE SUBJECT OF THIS REPORT.
COMMENTS : SAID INDIVIDUAL GRANT DEED CONVEYS AN UNDIVIDED 1/2 INTEREST IN THE PROPERTY DESCRIBED THEREIN.

5. DOCUMENT : GRANT DEED
RECORDED : JULY 25, 1977
REFERENCE: REEL 1166, AT PAGE 84
MONTEREY COUNTY OFFICIAL RECORDS
GRANTOR : WILMA S. MERRILL
AND
MERRILL FARMS
A CORPORATION
GRANTEE : UNITED STATES OF AMERICA
AFFECTS : SAID CONVEYANCE AFFECTS THE SUBJECT

Appendix D: List of Locations Where Equipment containing NRC Licensed Materials Were Used or Stored

DEPARTMENT OF THE ARMY
HEADQUARTERS FORCES COMMAND
FORT MCPHERSON, GEORGIA 30330-6000

REPLY TO
ATTENTION OF

AFPI-BC (5-10c)

3 DEC 1993

MEMORANDUM FOR Assistant Chief of Staff for Installation , Management, ATTN: DAIM-BO, Room # 2D657 600 Army Pentagon, Washington, DC 20310-0600

SUBJECT: Nuclear Regulatory Commission (NRC) Licensed Material Site Characterization Survey and Facilities Decommissioning Funds for Fort Ord

1. References:

a. First endorsement, FCJ8-BC (AFZW-DBRAC-EE/23 Aug 93), 13 Sep 93, subject: Request for Immediate Policy, Guidance and Funding Lead-based Paint and/or Asbestos.

b. Meeting on 14 Sep 93 between Fort Ord, Army Environmental Hygiene Agency (AEHA), Army Materiel Command (AMC), and FORSCOM representatives.

c. Memorandum, FCJ8-BC, 15 Oct 93, subject: First Quarter FY 94 Distribution of Base Realignment and Closure (BRAC) I and 91 Environmental Restoration Funds.

2. In reference a, guidance on disposal of property where NRC licensed materiels have been used and stored was requested.

3. In reference b, meeting representatives agreed that the AEHA will conduct the NRC licensed materiels site characterization survey at Fort Ord with AMC assistance.

4. In reference c, distribution of BRAC I and 91 environmental restoration funds for the first quarter of FY 94 was requested.

5. Request $2,027,842 BRAC 91 environmental restoration funds for the first quarter of FY 94 be provided to the AEHA. Funds are required to conduct a site characterization survey and facilities decommissioning on buildings at Fort Ord where we used, stored, and repaired equipment containing NRC licensed materiels. Cost estimate at enclosure 1 is an update of the funding requested for this requirement per reference c. A description of the work required for subject requirement is provided at enclosure 2.

AFPI-BC (5-10c)
SUBJECT: Nuclear Regulatory Commission (NRC) Licensed Material Site Characterization Survey and Facilities Decommissioning Funds for Fort Ord

6. This action has been coordinated through the Engineers Environmental Branch and the Safety Office. Victor Bonilla, DSN 572-4701, or Lynn Clements, DSN 367-6849, can furnish additional information.

FOR THE DCS FOR PERSONNEL AND INSTALLATION MANAGEMENT:

2 Encls

JOSEPH H. PLUNKETT
Chief, Base Realignment
and Closure Division

CF:
U.S. ARMY ENVIRONMENTAL HYGIENE AGENCY, ATTN: HSHB-MR-HI,
7TH INFANTRY DIVISION (LIGHT) AND FORT ORD, ATTN: AFZW-DBRAC-EE
(LTC PERRY), ATTN: AFZW-DE-ENRD (JAMES M. WILLISON)

COST WORK SHEET FOR SURVEY AT FORT ORD, CA

I. INTERIOR BUILDING SURVEYS

BUILDING NUMBER	USAGE	FLOOR AREA SQUARE FT (FT2)	ROOM FLOOR AREA (FT2)	ROOM SURFACE AREA (FT2)	TOTAL COST
0016-T	STORAGE	1,223	1,223	4,125	$3,052
0087-T	CHEMICAL SCHOOL	3,663	663	2,562	$1,896
0111	STORAGE	28,678	1,625	5,185	$3,837
0385	MAINTENANCE	8,620	6,401	16,642	$12,315
0507	MAINTENANCE	64,920	64,920	142,070	$105,132
0509	STORAGE	8,650	4,000	11,036	$8,166
0510	STORAGE	21,947	3,940	10,893	$8,061
0524	MAINTENANCE	36,007	3,848	10,674	$7,898
0527	MAINTENANCE	39,446	11,200	27,480	$20,335
0535	STORAGE/MAINTENANCE	27,456	2,300	6,902	$5,107
0746	ASP/STORAGE	2,120	2,120	6,450	$4,773
1421	STORAGE	3250	3,250	9,236	$6,835
1422	STORAGE	3250	3,250	9,236	$6,835
1423	STORAGE	3250	3,250	9,236	$6,835
1424	STORAGE	3250	3,250	9,236	$6,835
1483	STORAGE	15,593	15,593	37,180	$27,513
1489	STORAGE	14,570	14,570	34,934	$25,851
1649	STORAGE	4968	4,968	13,319	$9,856
1674	STORAGE	18,346	18,346	43,193	$31,963
1709	STORAGE	4,720	4,720	12,738	$9,426
1711	STORAGE	4,720	4,720	12,738	$9,426
1721	STORAGE	4563	810	2,986	$2,210
1727	STORAGE	8620	6,401	16,642	$12,315
1740	STORAGE	4,720	4,720	12,738	$9,426
1750	STORAGE	2246	6,401	16,642	$12,315
1751	STORAGE	28678	1,625	5,185	$3,837
1760	STORAGE	4,720	4,720	12,738	$9,426
1761	STORAGE	2,206	2,206	6,666	$4,933
1894	STORAGE	2,740	2,740	7,993	$5,914
1911	STORAGE	1,144	1,144	3,912	$2,895
1913	STORAGE	1,144	1,144	3,912	$2,895
1914	STORAGE	1,144	1,144	3,912	$2,895
1915	STORAGE	1,144	1,144	3,912	$2,895
1925	STORAGE	4,720	4,720	12,738	$9,426
1926	STORAGE	4,720	4,720	12,738	$9,426
1933	STORAGE	4,720	4,720	12,738	$9,426
1936	STORAGE	4,720	4,720	12,738	$9,426
1945	STORAGE	4,720	4,720	12,738	$9,426
1953	STORAGE	4,720	4,720	12,738	$9,426
1954	STORAGE	4,720	4,720	12,738	$9,426
1973	STORAGE	2,206	2,206	6,666	$4,933
1974	STORAGE	2,206	2,206	6,666	$4,933
2033	STORAGE	2,740	2,740	7,993	$5,914
2035	STORAGE	2,740	2,740	7,993	$5,914
2048	MAINTENANCE	8,645	8,645	21,753	$16,097
2065	STORAGE	18,876	7,680	19,567	$14,479
2082	STORAGE	12,180	12,180	29,657	$21,946
2083	STORAGE	12,180	12,180	29,657	$21,946

2084	STORAGE/PACKING	14,400	14,400	34,560	$25,574
2119	STORAGE	7,000	7,000	18,016	$13,332
2217	MAINTENANCE	6,578	6,578	17,049	$12,616
2223	STORAGE	2,250	2,250	6,777	$5,015
2309	STORAGE	1,144	1,144	3,912	$2,895
2330	STORAGE	4,720	4,720	12,738	$9,426
2430	RAD WASTE STORAGE	1,600	1,600	5,120	$3,789
2433	STORAGE/PACKING	5,000	5,000	13,394	$9,912
2790	CLASSIFICATION	3,165	3,165	9,030	$6,682
2820	STORAGE	18,544	1,700	5,379	$3,981
2822	STORAGE	18,544	1,700	5,379	$3,981
2908	STORAGE	18,544	1,700	5,379	$3,981
3563	STORAGE	8,620	6,401	16,642	$12,315
3570	STORAGE	28,080	4,848	13,038	$9,648
3575	STORAGE	23,876	4,656	12,587	$9,315
3621	STORAGE	22,439	22,439	52,068	$38,530
3640	STORAGE	29,022	29,022	66,221	$49,004
3643	STORAGE	29,022	29,022	66,221	$49,004
3708	MAINTENANCE	5,627	5,627	14,855	$10,992
3762-A	STORAGE	6,844	1,625	5,185	$3,837
3855	STORAGE	4,000	1,625	5,185	$3,837
3858	STORAGE	4,000	1,625	5,185	$3,837
3870	STORAGE	400	400	1,760	$1,302
3875	STORAGE	400	400	1,760	$1,302
3897	MAINTENANCE	6,180	2,016	6,187	$4,579
4430	STORAGE	5,100	5,100	13,628	$10,085
4434	STORAGE	5,104	5,104	13,637	$10,092
4436	STORAGE	40,653	40,653	90,984	$67,328
4438	STORAGE	5,627	5,328	14,160	$10,478
4440	STORAGE	5,100	5,100	13,628	$10,085
4442	STORAGE	5,104	5,104	13,637	$10,092
4444	STORAGE	5,104	5,104	13,637	$10,092
4450	STORAGE	12,194	4,612	12,484	$9,238
4456	STORAGE	40,587	13,566	32,725	$24,215
4458	STORAGE	12,194	4,612	12,484	$9,238
4464*	STORAGE	12,393	12,393	30,130	$22,296
4466*	STORAGE	40,567	40,567	90,802	$67,193
4469*	STORAGE	40,587	40,587	90,844	$67,225
4471*	STORAGE	40,587	40,587	90,844	$67,225
4473*	STORAGE	12,194	12,194	29,688	$21,969
4484*	STORAGE	1,056	1,056	3,672	$2,717
4488C*	STORAGE	4,600	828	3,037	$2,248
4552	STORAGE	8,620	6,401	16,642	$12,315
4554	STORAGE	8,620	6,401	16,642	$12,315
4556	STORAGE	8,620	6,401	16,642	$12,315
4558	STORAGE	40,653	40,653	90,984	$67,328
4562	STORAGE	5,104	5,104	13,637	$10,092
4564	STORAGE	5,104	5,104	13,637	$10,092
4568	STORAGE	5,099	5,099	13,626	$10,083
4580	STORAGE	5,100	5,100	13,628	$10,085
4582	STORAGE	5,104	5,104	13,637	$10,092
4584	STORAGE	5,104	5,104	13,637	$10,092
4586	STORAGE	5,104	5,104	13,637	$10,092
4590	STORAGE	5,104	5,104	13,637	$10,092
4592	STORAGE	35,549	35,549	80,148	$59,310
4594	STORAGE	35,549	35,549	80,148	$59,310

4596	STORAGE	5,104	5,104	13,637	$10,092
4782	STORAGE	5,100	5,100	13,628	$10,085
4786	STORAGE	5,104	5,100	13,628	$10,085
4791	STORAGE	10,195	10,195	25,237	$18,675
4792	STORAGE	15000	15,000	35,879	$26,550
4794	STORAGE	5,104	5,104	13,637	$10,092
4795	STORAGE	5,104	5,104	13,637	$10,092
4796	STORAGE	15000	15,000	35,879	$26,550
4798	STORAGE	5,104	5,104	13,637	$10,092
4799	STORAGE	9,804	9,804	24,361	$18,027
4867	STORAGE	3550	500	2,073	$1,534
4885	MAINT/FIRE CNTL	26,121	26,121	60,000	$44,400
	SUBTOTAL	1,324,003	978,144	2,400,581	$1,525,557

II. OUTDOOR SITES SURVEY

1.	ASP YARD	27,000	$19,980
2.	DRMO SITE #1	90,000	$66,600
3.	DRMO SITE #2	90,000	$66,600
4.	ARTILLERY WASH-DOWN	360,000	$266,400
	SUBTOTAL	567,000	$419,580

III. SURVEY AND MONITORING EQUIPMEMT

1.	5 Set Data Logger; Atlantic Nuclear, Model 235	$42,045
2.	5 Model 239-1F without Meter	$11,050
3.	5 Tritium Survey Meters with Gas Bottle	$15,195
4.	Upgrade on 2 Model 5100 II to 5100 Windows	$8,415
5.	LBA-BC on 2 Bar Code Readers compatible with Tenneloc (2 each) - Air Quality Software	$6,000
	SUBTOTAL	$82,705

IV. TOTALS OF INTERIOR & OUTDOOR SURVEYS

GRAND TOTAL	$2,027,842

Total cost does not include five sites marked above with an * ($250,873).

SCOPE OF WORK STATEMENT FOR BASE CLOSURE WORK AT FORT ORD, CA

Scope of Work. The scope of work will include, in broad terms, the historical data review of the use of radiological materials at Fort Ord; radiation protection surveys to scope and characterize affected sites; limited remedial procedures to reduce low-level radiological contamination of affected areas to NRC and EPA acceptable criteria, and verification surveys to evaluate the results of any clean-up effort. The scope of work in specific terms will cover 117 buildings (2,400,581 square feet of total surface area), and four outdoor sites (Ammunition Supply Point [ASP]) Yard [approximately 27,000 square feet]), two DRMO's demilitarization sites (90,000 square feet each), and one artillery wash-down area (360,000 square feet). This work plan includes a projection that 10% (240,000 square feet) of the total surface area will require some form of decontamination and resurveys to meet federal and state standards. The scope of work will be performed to comply with NRC licensing scheme for the decommissioning process; the criteria for conducting and evaluating plans and activities and NRC licensed facilities termination; occupational exposure; general safety; quality assurance during decommissioning; record keeping and facilitation. Our objective is to remove these facilities safely from service and to reduce residual radioactivity to a level that permits release of the property for unrestricted use and maintain compliance with on-going NRC licenses for Army radioactive commodities for world-wide use. This scope of work will not cover decommissioning efforts that require structure remediation of contaminated facilities for removal of contaminated soil. However, this Agency will be available to support development of work plans that support such operations and perform verification surveys once remediation has occurred.

SUMMARY OF OUTDOOR SURVEY SITES

Ammunition Supply Point (ASP) Yard. The ASP Yard consists of an area of 300 x 90 feet. The area will be evaluated to assess potential radiological contamination that may have been accidentally placed in the yard. All radiological surveys and environmental sampling will be conducted in accordance with NRC and EPA guidance. The ASP Yard will be surveyed to evaluate potential alpha, beta and beta-gamma activities in surface soil. The survey will include instrumentation surveys and environmental samples, such as soil, and if applicable, water and vegetation samples. Radiochemistry laboratory analyses will be performed by USAEHA, Radiochemistry Branch.

Artillery Wash-Down Area. The artillery wash-down area is an area approximately 600 x 600 feet. The area will be evaluated to assess potential tritium contamination on the wash-down pad; for potential contamination of soil surrounding the pad area and drainage streams resulting from potential contamination water run off.

Two Defense Reutilization and Marketing Offices (DRMO). The two DRMO demilitarization sites consist of areas about 300 x 300 feet each. Both areas will be evaluated for potential radiological contamination of the soil from radium founded in vehicle instrument dials and gauges. All radiological surveys and environmental sampling will be conducted in accordance with EPA quidelines and methodologies. Both areas will be surveyed to evaluate potential contamination from alpha, beta and beta-gamma emitting radioisotopes and specifically radium. The survey will include instrumentation surveys and collection of environmental samples. Radiochemistry laboratory support will be provided by the USAEHA, Radiochemistry Branch.

Appendix E: RWQCB UST Listing

Attachment 2

LOCAL AND REGIONAL BOARD CASES

REPORT	DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	ST
808	10/18/90	FERNWOOD		HWY 1	BIG SUR	GASOLINE	L	0	3A
1342	04/13/93	RIVER INN		HWY 1	BIG SUR	GASOLINE	R	3	1
986	12/20/91	MONTEREY COUNTY PARK DEPT		SAN ANTONIO LAKE S SHORE	BRADLEY	GASOLINE	L	0	3A
93	04/08/87	ARCO S/S, RIO ROAD #2161	7	CARMEL CENTER PL	CARMEL	WASTE OIL & GAS	R	2	7
982	12/02/91	CARMEL MISSION CLEANERS		DOLORES & OCEAN	CARMEL	STODDARDSOLVENT	L	0	5R
1343	04/19/93	RANCHO CANADA MAINTENANCE YARD		CARMEL VALLEY RD	CARMEL VALLEY	GASOLINE	L	0	1
1024	03/30/92	MID VALLEY FIRE PROJECT DIST	8455	CARMEL VALLEY RD	CARMEL VALLEY	GASOLINE/DIESEL	R	3	3A
24	10/06/86	BOGGIATTO PACKING COMPANY	11000	BLACKIE RD	CASTROVILLE	GASOLINE	R	2	7
854	10/16/89	NOTTINGHAM COMPANY	13577	BLACKIE RD	CASTROVILLE	GASOLINE	R	3	3B
717	04/06/90	BEACON OIL STATION #479	10899	MERRITT ST	CASTROVILLE	GASOLINE	R	2	5C
209	07/14/87	BEACON STATION #728	11775	MERRITT ST	CASTROVILLE	GASOLINE	R	3	8
322	01/06/88	MITCHELL SILLIMAN		HWY 101 S	CHUALAR	GASOLINE	L	0	7
1397	06/22/92	BUILDING 550A, RADIO TOWER		BUILDING 550A	FORT ORD	GASOLINE	L		1
180	07/10/87	GIL'S TEXACO	100	ALTA ST	GONZALES	GASOLINE	R	2	5R
7	02/17/89	GARCIA PROPERTY		ALTA ST N	GONZALES	GASOLINE	R	2	5C
979	05/07/91	GARCIA MARKET	800	ALTA ST N	GONZALES	GASOLINE	L	0	3B
272	09/22/87	PETE'S SHELL #2		ALTA ST N & HWY 101	GONZALES	GASOLINE	R	2	8
683	11/10/89	B J MOTOR POOL		B J RD	HUNTER LIGGET	GASOLINE	R	0	8
1347	04/23/93	E-Z SERVE FAC #100979	101	BROADWAY	KING CITY	GASOLING	L	0	3B
381	05/13/88	SCOTTY'S CHEVRON #9-7792	1137	BROADWAY	KING CITY	GASOLINE	R	3	7
1399	11/01/93	TERRIBLE HERBST #100	1140	BROADWAY	KING CITY	GASOLINE	L		1
478	11/16/88	HABLES, EDITH	334	BROADWAY	KING CITY	GASOLINE	L	0	5R
97	04/22/87	CHEVRON U.S.A. #9-6381	715	BROADWAY	KING CITY	GASOLINE	R	2	7
225	08/06/87	BP OIL	601	CANAL ST	KING CITY	GASOLINE	R	3	5R
477	11/22/88	LOCKWOOD STORE		PO BOX 176	LOCKWOOD	GASOLINE	R	2	5C
113	04/30/87	BEACON STATION #730	3164	DEL MONTE AVE	MARINA	GASOLINE	R	3	8
502	12/06/88	MARINA EXXON	3184	DEL MONTE AVE	MARINA	GASOL/WASTE OIL	R	3	5C
647	08/07/89	ARCO STATION #2141	211	RESERVATION RD	MARINA	GASOLINE	R	3	3A
1331	02/04/93	ARCO FAC #2141	211	RESERVATION RD	MARINA	UNLEADED GAS	L	0	1
890	05/01/91	AMERICAN AUTO RENTAL	801	AIRPORT DR	MONTEREY	GASOLINE	R	2	3B
1131	10/20/92	MISSION MORTUARY	450	CAMINO EL ESTERO	MONTEREY	GASOLINE	R	3	3B
669	11/20/89	MONTEREY PENINSULA UNIF SCHOOL	540	CANYON DEL REY	MONTEREY	WASTE OIL/GASOL	L	0	3A
856	01/28/91	TEXACO SERVICE STATION	1042	DEL MONTE AVE	MONTEREY	GASOLINE	L	0	5C
993	05/16/90	PHIL'S EXXON	2100	DEL MONTE AVE	MONTEREY	GASOLINE	R	3	8
858	02/04/91	BP FACILITY #11168	312	DEL MONTE AVE	MONTEREY	GASOLINE	R	3	5R
729	05/14/90	BRITISH MOTORS	735	DEL MONTE AVE	MONTEREY	GASOLINE	L	0	3A
474	10/25/88	UNKNOWN	550	FRANKLIN ST E	MONTEREY	WASTE OIL	L	0	5C
816	11/01/90	CHEVRON SERVICE #91060	351	FREMONT ST	MONTEREY	GASOLINE	R	3	5C
851	02/07/91	UNOCAL #0424	398	FREMONT ST	MONTEREY	WASTE OIL	L	0	3A
144	04/17/87	ARCO SERVICE STATION #365	400	FREMONT ST	MONTEREY	GASOLINE	R	2	7
5	03/19/86	BP FACILITY	401	FREMONT ST	MONTEREY	GASOLINE	R	3	5C
267	06/11/87	EL ESTERO CAR WASH	590	FREMONT ST	MONTEREY	GASOLINE	R	3	8
169	07/30/86	MONTEREY PENINSULA COLLEGE	980	FREMONT ST	MONTEREY	WASTE OIL	L	0	0
331	01/22/88	PACIFIC GAS & ELECTRIC	2511	GARDEN RD	MONTEREY	GASOLINE	L	0	5C
268	08/12/87	RECOVERY CENTER (CHOMP)	576	HARTNELL ST	MONTEREY	DIESEL	L	0	5C
731	05/30/90	U.S. COAST GUARD	100	LIGHTHOUSE AVE	MONTEREY	DIESEL	L	0	3A
274	09/29/87	BEACON SERVICE STATION	700	LIGHTHOUSE AVE	MONTEREY	GASOLINE	R	2	8

LOCAL AND REGIONAL BOARD CASES

	REPORT DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	ST
838	09/24/90	MAN'S MINI MARKET	701	LIGHTHOUSE AVE	MONTEREY	GASOLINE	L	0	3A
1330	10/22/92	MONTEREY FIRE DEPT	351	MADISON	MONTEREY	GASOLINE	L	0	1
199	06/04/86	AVIS RENT A CAR SYSTEM, INC.		MONTEREY AIRPORT	MONTEREY	GASOLINE	R	2	7
857	12/27/90	MONTEREY PENINSULA AIRPORT D.		MONTEREY PENINSULA AIRP	MONTEREY	GASOLINE	R	3	5C
762	07/25/90	MONTEREY PENINSULA AIRPORT		OLMSTEAD RD	MONTEREY	GASOLINE	L	0	3A
588	06/21/89	DOUGHERTY'S AUTO PAINT	288	PEARL ST (2)	MONTEREY	SOLVENT SLUDGE	L	0	3A
589	05/04/89	DOUGHERTY'S AUTO PAINT	288	PEARL ST (3)	MONTEREY	GASOLINE	L	0	3A
836	11/16/90	ASILOMAR CONFERENCE CENTER	800	ASILOMAR BLVD	PACIFIC GROVE	GASOLINE	L	0	3A
1357	04/28/93	CYPRESS CLEANERS	230	GRAND AVE	PACIFIC GROVE	STODARD SOLVENT	L	3	1
63	02/25/87	GROVE LAUNDRY	472	LIGHTHOUSE AVE	PACIFIC GROVE	BOILER FUELS	L	0	5C
916	05/30/91	THE GENERAL STORE	617	LIGHTHOUSE AVE	PACIFIC GROVE	GASOLINE	L	0	7
31	11/26/86	PACIFIC GROVE FIRE DEPARTMENT	600	PINE AVE	PACIFIC GROVE	GASOLINE	R	2	7
648	11/02/89	CROSETTI FROZEN	225	SALINAS RD	PAJARO	DIESEL/GASOLINE	R	3	5R
1358	04/29/93			EL BOSQUE	PEBBLE BEACH	GASOLINE	L		1
662	11/14/89	TEXACO (FORMER)	1040	EL CAMINO REAL & HWY 101	PRUNDALE	WASTE OIL	R		5C
205	05/07/86	EXXON SERVICE STATION	2347	SAN MIGUEL CANYON RD	PRUNEDALE	GASOLINE	R	2	7
1398	09/24/93	CBC	1040	ABBOTT	SALINAS	GASOLINE	L		1
968	10/10/91	FIRESTONE RANCH		ABBOTT ST	SALINAS	GASOLINE	L	0	7
986	12/27/91	GRANITE CONSTRUCTION COMPANY	1161	ABBOTT ST	SALINAS	GASOLINE/W.OIL	L	0	5C
1345	04/08/93	STURDY OIL CO.	1511	ABBOTT ST	SALINAS	STDRD SOLV/TPH	R	3	3B
722	10/10/89	HULSE PROPERTY (DEPOALI)		ALISAL & MONTERY	SALINAS	GASOLINE	R	3	3A
624	08/23/89	BEACON SERVICE STATION #530	215	ALISAL E	SALINAS	GASOLINE	R	3	5R
1014	03/02/92	D & G AUTO	601	ALISAL E	SALINAS	GASOLINE	L	0	1
155	03/07/86	SHELL STATION	212	ALISAL ST E	SALINAS	GASOLINE	R	3	7
1025	03/26/92	ALCO WATER SERVICE	1150	ALMA AVE	SALINAS	GASOLINE	L	0	3A
1034	05/28/92	GENERAL FARM INVESTMENT	234	BLANCO RD	SALINAS	GASOLINE/DIESEL	L	0	7
1128	09/23/92	NUTTAL HEADQUARTERS PROPERTY	264	BLANCO RD	SALINAS	GASOLINE/DIESEL	R	3	1
845	12/13/90	UNOCAL BULK PLANT #0669	4	BRIDGE ST	SALINAS	GASOLINE	R	3	3A
1327	11/18/92	TRANSFRESH CORP.	607	BRUNCEN AVE	SALINAS	GAS AND DIESEL	L	0	1
981	12/09/91	SUMMIT SEEDS	268	COMMISSION ST	SALINAS	GASOLINE	L	0	8
728	03/26/91	DON CHAPIN COMPANY INC	440	CRAZY HORSE CANYON RD	SALINAS	GASOLINE	R	3	7
1368	07/07/93	BAY AREA/DIABLO PETROLEUM	1356	DAYTON ST	SALINAS	DIESEL,GASOLINE	L	0	8
1359	04/06/93	RAIN FOR RENT, INC.	469	EL CAMINO REAL S	SALINAS	GASOLINE	R	1	1
154	07/30/85	SHELL STATION (FAIRVIEW RD)	1060	FAIRVIEW RD	SALINAS	UNLEADED GAS	R	3	7
429	07/06/88	MISSION LINEN SUPPLY	121	GABILAN ST W	SALINAS	GASOLINE	L	2	5C
693	03/11/92	ARMORED TRANSPORT	125	GRIFFIN ST	SALINAS	GASOLINE	R	3	7
68	03/05/87	GOLDMAN LAND/DEVELOPMENT PROP.	148	GRIFFIN ST	SALINAS	GASOLINE	R	3	8
332	01/15/88	MITCHELL SILLIMAN	909	HARKINS RD	SALINAS	GASOLINE	R	3	5C
635	09/18/89	UNKNOWN	151	HARRISON RD	SALINAS	GASOLINE	L	0	3A
690	12/27/89	HARTNELL COLLEGE	156	HOMESTEAD AVE	SALINAS	WASTE OIL	R		5C
793	09/07/90	LAWLER PROPERTY	104	JOHN ST	SALINAS	GASOLINE	R		3B
585	07/06/89	JOHN STREET TEXACO	47	JOHN ST	SALINAS	GASOLINE	R	3	3A
858	04/05/91	BEACON STATION	51	JOHN ST	SALINAS	GASOLINE	R	3	3A
658	11/03/89	ARCO SERVICE STATION NO 2188	145	KERN ST	SALINAS	GASOLINE	L	0	3A
221	08/04/87	CHEVRON SERVICE STATION 9-5285	151	KERN ST	SALINAS	WASTE OIL	R	2	8
362	03/24/88	MISSION INDUSTRIES INC.	315	KERN ST	SALINAS	GSOLINE	L	0	5C
1134	09/22/92	MCCARTHY PROPERTY		LINCOLN & MARKET ST O	SALINAS	GASOLINE	R	2	3B

LOCAL AND REGIONAL BOARD CASES

	REPORT DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	ST
253	08/06/87	MOBIL SERVICE STATION #10-246		MAIN & SAN MIGUEL	SALINAS	GASOLINE	R	2	SC
1013	02/18/92	HARDEN RANCH HEADQUARTERS		MAIN N & SAN JUAN RD	SALINAS	GASOLINE	R	3	SC
587	05/09/90	CHEVRON HARDEN RAD WASH	1967	MAIN ST N	SALINAS	WASTE OIL	L	0	0
372	05/04/88	BP OIL CO.S/SB11165(MOBIL 318)	1240	MAIN ST N	SALINAS	GASOLINE	R	3	SC
584	07/07/89	NORTH MAIN EXXON	225	MAIN ST N	SALINAS	GASOLINE	R	3	8
663	08/15/89	ROTTEN ROBBIE #34 "A"	807	MAIN ST S	SALINAS	DIESEL	R	3	8
805	10/11/90	MISSION TRAIL OIL COMPANY	807	MAIN ST S	SALINAS	GASOLINE	R	3	8
32	11/19/86	A-1 AMBULANCE	241	MARKET ST E	SALINAS	REGULAR GAS	R	3	5R
631	07/08/88	SAINT VINCENT DE PAUL	251	MARKET ST E	SALINAS	GASOLINE	R	3	SC
1325	02/26/93	TONY'S AUTO AND SMOG	300	MARKET ST E	SALINAS	WASTE OIL	L	0	1
737	06/08/90	ARMORED TRANSPORT	326	MARKET ST E	SALINAS	GASOLINE	R	3	5R
1092	05/07/92	A-1 RENTS(NEW CASE)	355	MARKET ST E	SALINAS	GASOLINE/DIESEL	R	3	8
846	12/20/90	SERVICE CENTER	431	MARKET ST E	SALINAS	WASTEOIL/GASOLI	L	0	1
1095	05/29/92	GROSSMAN WAREHOUSE	735	MARKET ST E	SALINAS	GASOLINE	L	0	1
728	01/20/93	JACK GROSSMAN WAREHOUSE	735	MARKET ST E	SALINAS	GASOLINE	L	0	SC
6	09/24/86	MARTELLA PROPERTY		MARKET ST W	SALINAS	REGULAR GAS	R	2	7
780	08/22/90	SALINAS REDEV. AGNCY - LACY'S	100	MARKET ST W	SALINAS	GASOLINE	R	3	3B
845	07/26/89	CHIN PROPERTY	102	MARKET ST W	SALINAS	GASOLINE	R	3	SC
682	12/05/89	COCA COLA	251	MARKET ST W	SALINAS	GASOLINE/DIESEL	R	2	5R
859	01/14/91	THOMPSON RANCH	21	MCFADDEN RD	SALINAS	GASOLINE	R	3	SC
202	01/08/86	CHAMPION INTERNATIONAL CORP.	1078	MERRILL ST	SALINAS	DIESEL	R	4	8
794	09/07/90	VEGETABLE GROWERS SUPPLY	1360	MERRILL ST	SALINAS	GASOLINE	L	0	SC
514	03/20/91	SALINAS REDEVELOP AGENCY	00	MONTEREY & MARKET ST	SALINAS	GAS/DIESEL	R	3	7
630	09/06/89	DICK TANAGUI	126	MONTEREY & SALINAS HWY	SALINAS	GASOLINE	R	3	3A
723	03/30/90	UNOCAL SERVICE STATION #1011	201	MONTEREY ST	SALINAS	GASOLINE	R	3	SC
87	03/30/87	CHEVRON SERVICE STATION #7530	601	MONTEREY ST	SALINAS	GASOLINE	R	4	8
1369	07/08/93	SOUTHLAND SITE #14238	22760	PORTOLA DR	SALINAS	GASOLINE	L	0	3A
734	05/04/90	SALINAS VALLEY OIL CO	250	RIANDA CIR	SALINAS	SOLV/DIESEL	R	3	SC
842	10/09/92	AHLPORT PETRO/URQUIZO'S EXXON	975	SANBORN N	SALINAS	GASOLINE	R	3	SC
911	06/19/91	FORMER-LANBENDORF BREAD	145	SANBORN RD N	SALINAS	GASOLINE	L	0	SC
896	05/22/91	SEVEN ELEVEN STORE(SOUTHLAND C	335	SANBORN ST	SALINAS	GASOLINE	R	3	5R
853	09/22/91	SALINAS MUNICIPAL GOLF COURSE	45	SKYWAY BLVD	SALINAS	GASOLINE	R	3	5R
342	02/08/88	ROYAL PACKING	20930	SPENCE RD	SALINAS	GASOLINE	R	3	7
746	07/09/90	SALINAS VALLEY PIPE CO.	35	SPRING ST	SALINAS	GASOLINE	L	0	1
1329	03/09/93	SALINAS STEEL BUILDERS	1161	TERVEN AVE	SALINAS	GASOLINE	L	0	1
100	05/04/87	SEVEN-UP BOTTLING CO.	1196	TERVEN AVE	SALINAS	GASOLINE	R	3	7
932	07/19/91	ADOLF YOUNG/ROBERT YOUNG	17500	VIERRA CANYON RD	SALINAS	GASOLINE	L	0	1
889	03/28/91	EXXON RAS 7-0258	8	WILLIAMS RD	SALINAS	GASOLINE	L	0	3B
1326	11/18/92	GENERAL FARMS INVESTMENT	264	BLANCO RD	SALINAS CA	GAS, DIESEL	R	3	1
969	10/23/91	TEXACO EXPLORATION & ROAD INC	111	SARGENT CANYON	SAN ARDO	CRUDE OIL	R	3	SC
135	08/26/92	ANDERSON PROP(SCANDIA VOLVO)	1661	DEL MONTE BLVD	SEASIDE	GASOLINE	R	3	3B
1323	03/14/93	VICTORY TOYOTA	5	HEITZINGER PLZ	SEASIDE	GAS, WASTE OIL	L	0	1
1379	07/26/93	SPRECKELS UNION SCHOOL		RAILROAD ST	SPRECKELS	GASOLINE	R	3	1
965	09/13/91	TRIPLE-M RANCH	410	HALL RD	WATSONVILLE	GASOLINE	L	0	3B
761	07/17/90	UNI-KOOL		RAIL RD & ALISON LN	WATSONVILLE	GASOLINE/DIESEL	R	3	3A
1334	03/17/93	AVELAR AUTO SHOP	300	SALINAS RD	WATSONVILLE	GASOLINE	L	0	1
1371	08/24/93	J M SMUCKER	423	SALINAS RD	WATSONVILLE	GASOLINE/DIESEL	R	3	1

LOCAL AND REGIONAL BOARD CASES

REPORT DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	
963 08/07/91	PAJARO CHEVRON	424	SALINAS RD	WATSONVILLE	GASOLINE	R	3	
99 05/01/87	C & M TRACTORS	496	SALINAS RD	WATSONVILLE	GASOLINE	R	4	
879 05/04/89	CLINT MILLER FARMS	215A	SAN JUAN RD	WATSONVILLE	GASOLINE	R	3	

Appendix F: Comment Response Package

(Faxed on 9 Feb

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, Ca. 94105-3901

RECEIVED
22 FEB 1994
P.M.

February 9, 1994

Major Ronald Light
Department of the Army, USAEC
Base Closure Division
Beal Road, Building 4480
Aberdeen Proving Ground, MD 21010

re: Draft CERFA Report - Fort Ord

Dear Major Light:

The following comments address the Army Environmental Center's document, "Draft CERFA Report, Fort Ord", dated December 6, 1993. U.S. EPA Region 9 staff discussed these comments with representatives from the Army Environmental Center (AEC) and from the installation at a meeting at Fort Ord on January 28. Several of our initial comments were addressed at that time, and some of our comments have changed as a result of our discussion with AEC and are included below. The comments below do not represent EPA concurrence on CERFA findings; EPA will make a concurrence decision upon receipt of the Final CERFA Report. This letter breaks down our comments into both general and parcel-specific comments.

As discussed, additional comments on the Draft CERFA Report have been sent to you under separate cover from the California Environmental Protection Agency (Cal/EPA). As the State's representative is a member of the Base Closure Team, it would be useful to consider the State's comments.

General Comments:

Section 1.2: CERFA Parcels:

The definition provided for the CERFA Parcel category includes areas that contained so-called non-CERCLA hazardous substances but have since been fully remediated. EPA does not agree with this definition. First, many of the substances listed as remediated are indeed regulated under CERCLA. More importantly, however, as noted in the description of the CERFA with qualifiers category, remediation is not a factor under 120(h)(4) for purposes of identifying areas where hazardous substances have been stored, released, or disposed of.

Section 1.2: CERFA Parcel(s) with Qualifier(s):

The Army has introduced a parcel category called "CERFA Parcel(s)

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with Qualifiers" which is outside the scope of the BRAC seven parcel categories. EPA Region 9 does not agree that this category should be included in the CERFA report because it presents two basic problems. First, the category is described as "Parcels ... [which] contain non-CERCLA related hazards, including asbestos, radon, UXO, lead-based paint, radionuclides, or inactive PCB-containing equipment." However, some of the "hazards" identified are regulated under CERCLA (asbestos, lead, PCBs, radon, radionuclides). Second, it is unclear whether the Army intends to transfer these parcels as uncontaminated parcels. EPA may agree that the transfer of some of the parcels in this category may not pose a problem (e.g., parcels containing non-friable asbestos in buildings), but that others should not be transferred as uncontaminated (e.g., parcels containing unexploded ordnance). EPA's concurrence with such a transfer would not be based upon the rationale that the substance is not a CERCLA hazardous waste. However, the category as described on page 2 indicates otherwise.

Section 2.5 Title Documents:

Please identify what guidance, policy, or regulation limits the title searches required by 120(h)(4) to 54 years for property acquired post-1970 and to the immediate former owner for property acquired pre-1970 (see page 14).

Section 4.3 Adjacent or Surrounding Properties:

CERFA requires "a physical inspection of property adjacent to the real property" which is identified as uncontaminated. (See §120(h)(4)(v).) The Army limits its discussion in this section regarding adjacent properties to those properties surrounding Fort Ord in its entirety. (See page 24 of Draft Report.) It is EPA's position that the CERFA requirement dealing with adjacent properties applies not only to the outer boundaries of Fort Ord, but also to the outer boundaries of each individual parcel that is being identified as uncontaminated under Section 120(h)(4), so that there can be assurance that contaminants from adjoining parcels do not impact uncontaminated parcels. Section 2.2 discusses adjacent properties with respect to the review of federal, state, and local records, and Section 2.4 discusses adjacent properties with respect to visual inspections. However, a separate section should discuss any physical inspections performed. It would be helpful to provide such indication with the description of each CERFA parcel contained in Table 5-1 of the CERFA Report.

Aerial Photos:

CERFA requires that aerial photographs be evaluated for the historical use or presence of hazardous substances. Please verify that such analysis was completed, identify the dates and sources of aerial photographs used, and include the results of the evaluation in the final CERFA Report.

IRP Site Locations:

It is not clear that all IRP site locations have been represented on the base maps as disqualified areas. We have concerns that areas marked as uncontaminated may be affected by contaminated areas. The limitations of the Draft CERFA report maps make it difficult to discern these areas clearly. We request that IRP site locations be identified on the CERFA maps.

Pesticides:

The Army nominates several areas as CERFA parcels which are likely to have been subjected to the use of pesticides and herbicides. EPA Region 9 requests that AEC include information about the pesticides and herbicides used on these areas, and the frequency and amounts of pesticide and herbicide use. EPA Region 9 further requests that AEC provide the legal rationale for the conclusion that areas on which pesticides were once used can be included as uncontaminated areas under CERFA.

Asbestos, Lead-based Paint, Radon -

It is our understanding that the Army has taken the position that the presence of asbestos and lead-based paint in intact and good condition, the presence of naturally-occurring radon (or other naturally-occurring radionuclides), or the presence of PCB-containing transformers that are part of an active electrical supply system need not disqualify property as being uncontaminated under 120(h)(4). It would be useful for the CERFA report to provide the Army's legal rationale for this conclusion. In our view, at a minimum the presence of these materials should be disclosed to the public and to potential future users of the property.

The Draft CERFA Report provides information about the presence and condition of asbestos, radon, and lead-based paint in several areas on the base. For other areas, survey data was not yet complete at the time of the report. It is our understanding that all remaining surveys will be completed in time to be included in the final CERFA Report.

4.4.3 PCB Transformers -

The document should be more direct in explaining under what circumstances a PCB transformer will be categorized as a CERFA parcel or a CERFA-Disqualified parcel. For example, state: "Parcels which contain or have contained leaking PCB-filled transformers have been placed in the CERFA-Disqualified parcel category because a release of hazardous substances has occurred and such parcel cannot be identified as uncontaminated under §120(h)(4) of CERCLA. Parcels which contain PCB-filled transformers which are operable and in normal use with no

evidence of leaking have been placed in the CERFA parcel category because ...".

Unexploded Ordnance -

While there is uncertainty about how ordnance is regulated under CERCLA, it is EPA's position that property with UXO should not be considered uncontaminated under CERFA. It is not the intent of CERFA to identify property that is not safe for reuse without investigation and remediation. A common-sense approach indicates that nominating these areas as "CERFA-with-qualifiers" parcels would be against the best interests of both the Army and public health and safety. EPA requests that these parcels be classified as disqualified under CERFA.

At the January 28 meeting it was stated that, as a result of recent studies completed by Harding Lawson Associates, some areas currently marked as UXO will be cleared from this status and declared uncontaminated. Such areas include "dry-fire" training areas which never involved the use of ordnance, as well as other training areas which were originally designated for ordnance use but on which this use never occurred. For these areas, AEC should identify the areas and provide justification for why the areas were removed from UXO status.

If the Harding Lawson survey identifies any new areas for UXO status, it is essential that this information be included in the final report and that any newly-identified areas be disqualified. In addition, we request that new UXO areas appear on the final basewide map.

Specific Comments:

The following specific comments refer to "CERFA Parcels":

Parcels 20 and 206 - Railroad tracks may impact property categorization depending on base-specific operations. Areas where trains have been loaded and unloaded (rail spurs, several lines of rail running parallel to each other, etc.) may have a high probability of releases of petroleum and hazardous materials. The presence of railroad tracks by themselves (e.g. treated railroad ties, frequent rail traffic) should not automatically disqualify property as being uncontaminated. Therefore, we request more information about the use of the railroad tracks on these parcels. What activity took place in the Balloon Spur tracks and loading docks area south of Parcel 20 (Section 3(42,134))? Please define the kinds of loading/unloading, long-term railroad car parking, and maintenance activities which may have occurred here.

Parcel 194 - Did the plant nursery store pesticides/herbicides? If storage occurred, this parcel may be disqualified.

Parcels 194, 196, 214, 216, 217, 220, and 226 - These parcels

contain softball, baseball, and football fields, as well as the golf courses and an athletic training track. See general comment regarding the use of pesticides/herbicides in such areas.

Parcels 206, 213, and 216 - These parcels were discussed on January 28 because they are identified as CERFA parcels, but only the land parcels located under the buildings (which are schools and apartment buildings) are identified as CERFA parcels. For this reason, and because the buildings are not owned by the Army, visual inspections were not conducted in these buildings overlying these parcels for purposes of identifying the land as CERFA eligible. EPA Region 9's response to this issue is to request that such inspections be conducted if the areas are to be named CERFA parcels. Just as CERFA requires the Army to inspect parcels adjacent to CERFA parcels to verify that there is no threat of release, so also should the Army inspect the surface areas and buildings overlying parcels 206, 213, and 216 to ascertain that the areas are not threatened by contamination outside or over the parcel.

Parcels 203, 204, and 205 - Please reevaluate the boundaries of nearby contaminated groundwater plumes to insure that these parcels are neither impacted now, nor will they be impacted in the future due to groundwater migration. The Regional Board has indicated that the 1 ppb TCE contour line used to delineate adjacent parcels may actually represent a 10 ppb contour line. The known extent of groundwater contamination should be provided so that property affected by hazardous substance releases can be determined. Our discussion at Fort Ord on January 28 indicates that the reevaluation of the groundwater plumes will result in the disqualification or reconfiguration of these specific parcels and perhaps additional parcels. In the January 28 meeting, it was agreed that AEC's contractor for the CERFA report would incorporate the most recent groundwater data to be supplied by David Eisen of the Regional Water Quality Control Board.

Thank you for the opportunity to review the Draft CERFA report. We look forward to discussing these comments with you. Please contact me at (415) 744-2410, or John Kemmerer, Chief of EPA Region 9's Base Closure Program, at (415) 744-2411.

Sincerely,

Deirdre Nurre
Base Closure Specialist

cc: Dominique Edwards, AEC
Joe Cochran, Fort Ord
Jennifer Smith, DTSC

STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
400 P Street, 4th Floor
P.O. Box 806
Sacramento, CA 95812-0806
(916) 255-2023

February 4, 1994

Mr. Andrew Maly
Department of the Army, AEC
Base Closure Division
Beal Road, Building 4480
Aberdeen Proving Ground, Maryland 21010-5401

Dear Mr. Maly:

We appreciate the opportunity to review the draft Community Environmental Response Facilitation Act (CERFA) Report for Fort Ord. We look forward to the opportunity to review and comment on your final report.

Enclosed please find general and specific comments on the draft CERFA Report from the following:

Attachment One is California Environmental Protection Agency's (Cal/EPA) comments. This set of comments is primarily prepared by the Department of Toxic Substances Control (DTSC). Comments have also been provided by the Regional Water Quality Control Board and are denoted with the initials (RWQCB).

The California Department of Health Services, Environmental Radiation Program and Monterey County, Department of Health also provided comments and are included as Attachments Three and Four.

We have coordinated our comments with United States Environmental Protection Agency (U.S. EPA). Due to the strict timeline imposed by the CERFA statute, we feel it is important that we work closely with you and the U.S. EPA to address our concerns in your final report. Further, it would be helpful to U.S. EPA and the State if your letter requesting concurrence included a listing of specific parcels upon which you want concurrence.

Please contact me at (916) 255-2023, if you have any immediate issues to discuss.

Sincerely,

Theresa McGarry
Environmental Assessment and
Reuse Specialist

Enclosures

cc: See next page.

cc: Ms. Deirdre Nurre
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street (MC H-3-2)
San Francisco, California 94105

Mr. Joe Cochran
BRAC Environmental Coordinator (BEC)
Attn: AFZW-DPW-EMR
Headquarter, U.S. Army Garrison
Fort Ord, California 93941

Steven A. Book, Ph.D.
Drinking Water and Environmental
Management Division
Department of Health Services
601 North 7th Street
P.O. Box 942732
Sacramento, California 94234-7230

Mr. Jon Jennings, R.E.H.S.
Department of Health
Monterey County
1270 Natividad Road
Salinas, California 93906-3198

Attachment 1

SUBJECT: Evaluation of Community Environmental Response Facilitation Act (CERFA) Report for Fort Ord, Monterey California

General Comments:

1. The Report does not include the analysis of historical or current aerial photos as required by CERFA.

2. Because of the significant hazards posed by the presence of unexploded ordnance (UXO), we do not concur that parcels containing UXO/Explosive waste are CERFA Qualified.

3. It is unclear if the parcel borders adequately delineate the contaminated areas from the uncontaminated areas. Please provide the rationale used in delineating parcel boundaries, as well as UXO, soil and groundwater contaminated areas.

4. Department of Defense (DoD) Guidance states that the Environmental Baseline Survey (EBS) Report will include "property identification" (e.g. address, assessor parcel number, legal description). Please discuss why the acre-grid approach was taken, instead.

5. The Army should identify Installation Restoration Program (IRP) sites on the maps. Additionally, the Army should identify limits of contamination (soils and groundwater) where known.

6. It is our understanding that the Army is taking the position that the presence of asbestos or lead-based paint, the presence of naturally-occurring radon (or other radionuclides), or the presence of inactive polychlorinated biphenyl (PCB)-containing equipment need not disqualify property from being designated a CERFA or CERFA Qualified parcel.

   Please provide in the Report the legal and technical rationale that was used to reach this conclusion.

7. Asbestos survey data scheduled for housing area should include condition of asbestos in structures (friable or non-friable).

Specific Comments:

1. Page 1-1. The text states, "The Base Realignment and Closure (BRAC) Program is patterned after the Army's IRP except it has been expanded to include such categories of contamination such as asbestos, radon, PCBs, and others that are not normally addressed under the Army IRP." Based on

this statement, it is unclear what categories of contamination are addressed under which program. This particularly is important with respect to property transfers because more than one program may need to be involved to adequately characterize and remediate contamination.

Please amend Section 1.1 (Purpose and Scope) to clearly and completely define which types of contaminants and/or substances are identified under which program.

2. Page 1. The text states "The term "enhanced" is used to distinguish these assessments from previous IRP preliminary assessments (PAs) since the BRAC PAs are conducted from a property transfer perspective and evaluate areas which are not included on the IRP (e.g. asbestos, radon, PCBs)." This is incorrect. The scope of the IRP PA may be different than the enhanced PA in terms of the types of contaminants but certainly not in terms of land or area.

   Please provide a clear and complete definition of the contaminants which are addressed under each program (i.e., PAs versus enhanced PAs).

3. Page 1. The text generically refers to BRAC 1 and BRAC 91 base closures but never identifies how Fort Ord fits into either base closure group.

   The Army should provide text that identifies which BRAC closure group Fort Ord belongs to.

4. Page 2. The text (e.g. CERFA Parcel, CERFA Parcel(s) with Qualifier) incorrectly identifies radionuclides, lead-based paint and asbestos (friable) as non-CERCLA hazardous. According to 40 Code of Federal Regulations (CFR) Part 302 and Table 302.4 these substances are listed as a CERCLA hazardous substances.

5. Page 13 - 18, (Interviews). Interviews should include dates of employment. The Report does not consistently indicate the positions held by individuals interviewed.

6. Page 14. Please provide any relevant information obtained from the review of title documents which reveal impacts from previous uses.

7. Page 12, Section 2.2. Another area or source of potential soil or groundwater contamination not identified in the Report is the Sand City dump site, at Highway 1 and Fremont Street in Sand City. Additional underground tank sites not listed in the Report exist in the cities of Marina, Sand City, and Seaside. Attachment 2 is a copy of the most current Regional Board underground tank report listing.

8. Page 20, Section 3.1.2. The listing of "industrial-type activities at the installation" is incorrect. The list identifies the "FAAF" sewage treatment plant is in operation. This is incorrect. The East Garrison sewage treatment plant is still in operation. The East Garrison sewage treatment plant performs primary treatment providing solid and liquid separation. The former medical waste incinerator (Building 1442) at 8th Street and 4th Avenue, needs to be included in the "industrial-type activities at the installation" listing in the Report.

9. Page 22, (Additional Areas Requiring Environmental Evaluation (AREEs) Identified by CERFA Investigation.) The text states "The CERFA investigation revealed the following new areas that may require additional evaluation by the environmental staff...". Further, it is unclear whether the CERFA parcels include any of these AREEs.

   Please identify these AREEs on maps; indicate whether any of these AREEs fall on CERFA designated parcels and discuss what follow up action will be taken to address them.

10. Page 24, Adjacent or Surrounding Properties. The Report should discuss potential contaminant migration from areas within installation boundaries that could impact the CERFA or CERFA Qualified parcels. Currently, this section only focuses on property adjacent to the borders of the installation. Further, the Army should consider airborne transport and deposition impacts on uncontaminated areas.

11. Page 25 (Asbestos). The text states "...newer housing areas are not scheduled to be surveyed."

    Please state the reason why the newer housing will not be surveyed.

12. Page 26 - 27, Paragraph 5. The text states "Note: In California transformers with PCB levels between 5 ppm and 49 ppm are considered PCB-Contaminated." Please correct this statement to reflect that California regulates PCBs in quantities greater than 5 ppm.

13. Page 27. The text states that "radon analyses for locations with elevated levels are not available."

    Please provide this information and if it is not currently available, state when it will be available.

14. Page 34. The text states "Where parcels overlap, the following hierarchy was imposed:...".

    Please further explain what is meant by overlapping parcels.

15. Page 36, 5th paragraph. The text states "It should be noted that the available asbestos data did not document the presence or absence of asbestos in every building; several buildings appear to have been omitted from the survey."

    Please identify the buildings that were not surveyed and give a reason for not surveying them.

16. Page 62, Parcel 115 Q-A/L(P). The code should include "R" for Radon detected in Buildings 4446 and 4562.

17. All Maps. Using a "spectrum" shading to show the "spectrum" of parcel identification could help make interpretation easier (i.e., blank = CERFA; medium shading = Qualified; dark shading = Disqualified.)

18. Enclosures (last map, unidentified). This map should have a title block.

19. CERFA/CERFA Qualified Parcels. The following parcels are currently identified as CERFA or CERFA Qualified Parcels; however, these parcels are affected by contamination from other sites/parcels. These parcels should be changed to CERFA "Disqualified". The larger parcels identified may not be completely "Disqualified" if the parcels are reconfigured. The configuration and proximity of the larger parcels to contamination sources should be re-evaluated. The affected parcels and contamination sources or suspected sources affecting the CERFA or CERFA Qualified Parcels are identified below:

    a. Parcels 100, 101, 102, 111, 128, 191, 203, 205, 212, 217 - landfill;

    b. Parcels 114 and 169 - 4400/4500 Motor Pool;

    c. Parcel 203 - Pete's Pond;

    d. Parcel 217 - 4400/4500 Motor Pool (discharge from drainage canal);

    e. Map 7, Parcel 221 - Aircraft Runway drainage discharges (west end). (RWQCB)

20. Table 5-1, Parcel Identification Table and Maps.

    a. The maps in the Report contain many individual grid squares or small groups of grid squares (1-5 acres) which are not referenced to a specific parcel. All parcels, no matter what size, must be identified on the maps. Table 5-1 should identify the Parcel's coordinate corners or the Parcel's polygon centroid,

not any random point of the parcel area. Furthermore, we have found some map locations listed in Table 5-1 which do not correspond to the identified parcel.

b. Parcel 4D-HR/HS/PS/PR(P)/A/L(P)/X(P).

(1) Parcel 4 is too large and assembles many dissimilar sites. We suggest additional parcels be established to address the individual sites or similar contamination groups within parcel 4. Sites included in Parcel 4 should be restricted to soil and groundwater contamination related to Operable Unit 2 (OU2) and sites overlying the groundwater contamination plume.

(2) Section 6 (91,161). Table 5-1 identifies "Additional Petroleum Storage" at Wells 11, 18, 19, 21, 22, 23. What type of wells (production or monitoring) are these? In which groundwater aquifer are these wells screened? How do these wells relate to the production wells closed/destroyed in 1988 and 1989 by Fort Ord? Specific information regarding the well closed in 1988 and 1989, is contained in a Report titled "Destruction Record, Fort Ord Water Supply Wells, Fort Ord Landfills, Fort Ord, California," dated March 27, 1989, prepared by Harding Lawson Associates.

The Army should clarify information regarding these wells.

(3) Section 6 (80, 162; and 77,161). The Table identifies two grid squares in the "Pete's Pond Area". While the two grid squares are close to the actual Pete's Pond location (74,157), we are concerned that adding the "Pete's Pond Area" identifier in the Table could cause confusion concerning the actual extent and nature of contaminants at Pete's Pond. The identifier should be removed. Pete's Pond was identified as part of Site 16 in Section 4 (77,153) and Section 6 (78, 158). Furthermore, we believe the Site 16 area should be split from Parcel 4 and handled as a separate parcel.

(4) Sections 5 and 6 (86-108, 151-163) and Ground Water (42-109, 150-175). The groundwater plume limits identified for OU2 are incorrect. The contamination plume line is identified in Remedial Investigation/Feasibility Study, Fort Ord Landfills, dated June 8, 1993, by Dames and Moore.

(5) Sections 3 (45, 166) and 5 (48,168). Plume definition for Sites 2 and 12 needs to be updated to display current data. Maps 3 and 5 must be corrected to match along adjoining map edges.

(6) Table 5 and Map Section 3, 5, and 6 (Parcel 4)

(a) The Army may want to create smaller parcels to facilitate release as cleanup progresses.

(b) The "exclusion zones" (CERFA disqualified areas) associated with the groundwater plumes (Sites 2 and 12 and OU2) should be expanded to ensure adequate protection. This would result in some CERFA or CERFA Qualified parcels becoming smaller (e.g., Parcel 100) or deleted (e.g., parcels 203 and 204). Rationale used to determine boundary lines should be given.

(c) The trichloroethylene (TCE) plume outline needs to be revised to reflect current data. The plume outlines do not match across the map boundaries. Furthermore, they should be more clearly identified on each map sheet (i.e. the pointer" on Map 3 should be repeated on Map 5). The map legend should show the solid and dashed plume outlines and indicate their meaning.

c. Parcels 15 P, 20 P, and 27 D-HR(P)/X(P), Section 3 (49, 133) 23 acres. Why was Parcel 27 differentiated and disqualified? All three parcels (15, 20 and 27) are described similarly in Table 5-1. Furthermore, we cannot locate the 23 acres associated with Parcel 27. Section 3 only identifies 15 acres in Parcel 27, which we assume is the Recoilless Rifle Training Area. The 23 acre portion of Parcel 27 must be identified in Section 3.(RWQCB)

d. Parcel 22 D-HR(P)/A/L(P) - Section 3 (51, 157). We are not aware of a dry well between Buildings 1980 and 2000 possibly used for hazardous water disposal.

Furthermore, we are not aware that the Army and its consultant are evaluating this site. Additional information regarding the dry well must be provided.

e. Parcels 161 Q-X(P), 162 Q-X(P), 164 Q-X(P). These are examples of parcels which were designated as CERFA Qualified but have potential for containing UXO and

explosive wastes. We will not concur that these parcels are CERFA Qualified because of the significant hazards posed by the presence of these substances.

f. Parcel 194. Please provide information on any storage of pesticides and herbicides at the plant nursery.

g. Parcel 206. Railroad tracks may impact property designations because of the high probability of hazardous substance releases at these types of sites.

Please provide information on the use of the railroad tracks and the types of maintenance activities which took place at this location.

h. Various Maps. UXO areas are not identified consistently. Some are shown as modified squares and others as circles/ellipses (e.g., Maps 8 and 9). If this reflects distribution or type of UXO, it should be explained in the map legend. Rationale used to determine boundary lines should be given.

The term "Hazardous Materials Storage" and "Hazardous Materials Release" should be changed to "Hazardous Substances Storage" and "Hazardous Substances Storage" to be consistent with CERFA. These terms should also be used in the text.

Attachment 2

LOCAL AND REGIONAL BOARD CASES

REPORT	DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	ST
808	10/18/90	FERNWOOD		HWY 1	BIG SUR	GASOLINE	L	0	3A
1342	04/13/93	RIVER INN		HWY 1	BIG SUR	GASOLINE	R	3	1
986	12/20/91	MONTEREY COUNTY PARK DEPT		SAN ANTONIO LAKE S SHORE	BRADLEY	GASOLINE	L	0	3A
93	04/08/87	ARCO S/S, RIO ROAD #2161	7	CARMEL CENTER PL	CARMEL	WASTE OIL & GAS	R	2	7
982	12/02/91	CARMEL MISSION CLEANERS		DOLORES & OCEAN	CARMEL	STODDARDSOLVENT	L	0	5R
1343	04/19/93	RANCHO CANADA MAINTENANCE YARD		CARMEL VALLEY RD	CARMEL VALLEY	GASOLINE	L	0	1
1024	03/30/92	MID VALLEY FIRE PROJECT DIST	8455	CARMEL VALLEY RD	CARMEL VALLEY	GASOLINE/DIESEL	R	3	3A
24	10/06/86	BOGGIATTO PACKING COMPANY	11000	BLACKIE RD	CASTROVILLE	GASOLINE	R	2	7
854	10/16/89	NOTTINGHAM COMPANY	13577	BLACKIE RD	CASTROVILLE	GASOLINE	R	3	3B
717	04/06/90	BEACON OIL STATION #479	10899	MERRITT ST	CASTROVILLE	GASOLINE	R	2	5C
209	07/14/87	BEACON STATION #728	11775	MERRITT ST	CASTROVILLE	GASOLINE	R	3	8
322	01/06/88	MITCHELL SILLIMAN		HWY 101 S	CHUALAR	GASOLINE	L	0	7
1397	06/22/92	BUILDING 550A, RADIO TOWER		BUILDING 550A	FORT ORD	GASOLINE	L		1
180	07/10/87	GIL'S TEXACO	100	ALTA ST	GONZALES	GASOLINE	R	2	5R
567	02/17/89	GARCIA PROPERTY		ALTA ST N	GONZALES	GASOLINE	R	2	5C
979	05/07/91	GARCIA MARKET	800	ALTA ST N	GONZALES	GASOLINE	L	0	3B
272	09/22/87	PETE'S SHELL #2		ALTA ST N & HWY 101	GONZALES	GASOLINE	R	[illegible]	
683	11/10/89	B J MOTOR POOL		B J RD	HUNTER LIGGET	GASOLINE	R	0	
1347	04/23/93	E-Z SERVE FAC #100979	101	BROADWAY	KING CITY	GASOLING	L	0	3B
381	05/13/88	SCOTTY'S CHEVRON #9-7792	1137	BROADWAY	KING CITY	GASOLINE	R	3	7
1399	11/01/93	TERRIBLE HERBST #100	1140	BROADWAY	KING CITY	GASOLINE	L		1
478	11/16/88	HABLES, EDITH	334	BROADWAY	KING CITY	GASOLINE	L	0	5R
97	04/22/87	CHEVRON U.S.A. #9-6381	715	BROADWAY	KING CITY	GASOLINE	R	2	7
225	08/06/87	BP OIL	601	CANAL ST	KING CITY	GASOLINE	R	3	5R
477	11/22/88	LOCKWOOD STORE		PO BOX 174	LOCKWOOD	GASOLINE	R	2	5C
113	04/30/87	BEACON STATION #730	3144	DEL MONTE AVE	MARINA	GASOLINE	R	3	8
502	12/06/88	MARINA EXXON	3184	DEL MONTE AVE	MARINA	GASOL/WASTE OIL	R	3	5C
647	08/07/89	ARCO STATION #2141	211	RESERVATION RD	MARINA	GASOLINE	R	3	3A
1331	02/04/93	ARCO FAC #2141	211	RESERVATION RD	MARINA	UNLEADED GAS	L	0	1
890	05/01/91	AMERICAN AUTO RENTAL	801	AIRPORT DR	MONTEREY	GASOLINE	R	2	3B
1131	10/20/92	MISSION MORTUARY	450	CAMINO EL ESTERO	MONTEREY	GASOLINE	R	3	3B
669	11/20/89	MONTEREY PENINSULA UNIF SCHOOL	540	CANYON DEL REY	MONTEREY	WASTE OIL/GASOL	L	0	3A
856	01/28/91	TEXACO SERVICE STATION	1042	DEL MONTE AVE	MONTEREY	GASOLINE	L	0	5C
993	05/16/90	PHIL'S EXXON	2100	DEL MONTE AVE	MONTEREY	GASOLINE	R	3	8
858	02/04/91	BP FACILITY #11168	312	DEL MONTE AVE	MONTEREY	GASOLINE	R	3	5R
729	05/14/90	BRITISH MOTORS	735	DEL MONTE AVE	MONTEREY	GASOLINE	L	0	3A
474	10/25/88	UNKNOWN	550	FRANKLIN ST E	MONTEREY	WASTE OIL	L	0	5C
816	11/01/90	CHEVRON SERVICE #91060	351	FREMONT ST	MONTEREY	GASOLINE	R	3	5C
851	02/07/91	UNOCAL #0424	398	FREMONT ST	MONTEREY	WASTE OIL	L	0	3A
244	04/17/87	ARCO SERVICE STATION #365	400	FREMONT ST	MONTEREY	GASOLINE	R	2	7
205	03/19/86	BP FACILITY	401	FREMONT ST	MONTEREY	GASOLINE	R	3	5C
267	06/11/87	EL ESTERO CAR WASH	590	FREMONT ST	MONTEREY	GASOLINE	R	3	8
149	07/30/86	MONTEREY PENINSULA COLLEGE	980	FREMONT ST	MONTEREY	WASTE OIL	L	[illegible]	
331	01/22/88	PACIFIC GAS & ELECTRIC	2511	GARDEN RD	MONTEREY	GASOLINE	L	0	5C
268	08/12/87	RECOVERY CENTER (CHOMP)	576	HARTNELL ST	MONTEREY	DIESEL	L	0	5C
731	05/30/90	U.S. COAST GUARD	100	LIGHTHOUSE AVE	MONTEREY	DIESEL	L	0	3A
274	09/29/87	BEACON SERVICE STATION	700	LIGHTHOUSE AVE	MONTEREY	GASOLINE	R	3	8

LOCAL AND REGIONAL BOARD CASES

	REPORT DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	ST
838	09/24/90	NAN'S MINI MARKET	701	LIGHTHOUSE AVE	MONTEREY	GASOLINE	L	0	3A
1330	10/22/92	MONTEREY FIRE DEPT	351	MADISON	MONTEREY	GASOLINE	L	0	1
199	06/04/86	AVIS RENT A CAR SYSTEM, INC.		MONTEREY AIRPORT	MONTEREY	GASOLINE	R	2	7
857	12/27/90	MONTEREY PENINSULA AIRPORT D.		MONTEREY PENINSULA AIRP	MONTEREY	GASOLINE	R	3	5C
762	07/25/90	MONTEREY PENINSULA AIRPORT		OLMSTEAD RD	MONTEREY	GASOLINE	L	0	3A
588	06/21/89	DOUGHERTY'S AUTO PAINT	288	PEARL ST (2)	MONTEREY	SOLVENT SLUDGE	L	0	3A
589	05/04/89	DOUGHERTY'S AUTO PAINT	288	PEARL ST (3)	MONTEREY	GASOLINE	L	0	3A
836	11/16/90	ASILOMAR CONFERENCE CENTER	800	ASILOMAR BLVD	PACIFIC GROVE	GASOLINE	L	0	3A
1357	04/28/93	CYPRESS CLEANERS	230	GRAND AVE	PACIFIC GROVE	STODARD SOLVENT	L	3	1
63	02/25/87	GROVE LAUNDRY	472	LIGHTHOUSE AVE	PACIFIC GROVE	BOILER FUELS	L	0	5C
916	05/30/91	THE GENERAL STORE	617	LIGHTHOUSE AVE	PACIFIC GROVE	GASOLINE	L	0	7
31	11/26/86	PACIFIC GROVE FIRE DEPARTMENT	600	PINE AVE	PACIFIC GROVE	GASOLINE	R	2	7
648	11/02/89	CROSETTI FROZEN	225	SALINAS RD	PAJARO	DIESEL/GASOLINE	R	3	5R
1358	04/29/93			EL BOSQUE	PEBBLE BEACH	GASOLINE	L	4	1
662	11/14/89	TEXACO (FORMER)	1040	EL CAMINO REAL & HWY 101	PRUNDALE	WASTE OIL	R	3	5C
203	05/07/86	EXXON SERVICE STATION	2347	SAN MIGUEL CANYON RD	PRUNEDALE	GASOLINE	R	2	7
1398	09/24/93	CBC	1040	ABBOTT	SALINAS	GASOLINE	L		1
968	10/10/91	FIRESTONE RANCH		ABBOTT ST	SALINAS	GASOLINE	L	0	7
984	12/27/91	GRANITE CONSTRUCTION COMPANY	1161	ABBOTT ST	SALINAS	GASOLINE/W.OIL	L	0	5C
1345	04/08/93	STURDY OIL CO.	1511	ABBOTT ST	SALINAS	STDRD SOLV/TPH	R	3	3E
722	10/10/89	HULSE PROPERTY (DEPOALI)		ALISAL & MONTERY	SALINAS	GASOLINE	R	3	3A
624	08/23/89	BEACON SERVICE STATION #530	215	ALISAL E	SALINAS	GASOLINE	R	3	5R
1014	03/02/92	D & G AUTO	601	ALISAL E	SALINAS	GASOLINE	L	0	1
155	03/07/86	SHELL STATION	212	ALISAL ST E	SALINAS	GASOLINE	R	3	7
1025	03/26/92	ALCO WATER SERVICE	1150	ALMA AVE	SALINAS	GASOLINE	L	0	3A
1034	05/28/92	GENERAL FARM INVESTMENT	234	BLANCO RD	SALINAS	GASOLINE/DIESEL	L	0	7
1128	09/23/92	NUTTAL HEADQUARTERS PROPERTY	264	BLANCO RD	SALINAS	GASOLINE/DIESEL	R	3	1
845	12/13/90	UNOCAL BULK PLANT #0669	4	BRIDGE ST	SALINAS	GASOLINE	R	3	3A
1327	11/18/92	TRANSFRESH CORP.	607	BRUNKEN AVE	SALINAS	GAS AND DIESEL	L	0	1
981	12/09/91	SUMMIT SEEDS	268	COMMISSION ST	SALINAS	GASOLINE	L	0	8
728	03/26/91	DON CHAPIN COMPANY INC	440	CRAZY HORSE CANYON RD	SALINAS	GASOLINE	R	3	7
1368	07/07/93	BAY AREA/DIABLO PETROLEUM	1356	DAYTON ST	SALINAS	DIESEL,GASOLINE	L	0	8
1359	04/06/93	RAIN FOR RENT, INC.	469	EL CAMINO REAL S	SALINAS	GASOLINE	R	1	1
154	07/30/85	SHELL STATION (FAIRVIEW RD)	1060	FAIRVIEW RD	SALINAS	UNLEADED GAS	R	3	7
429	07/06/88	MISSION LINEN SUPPLY	121	GABILAN ST W	SALINAS	GASOLINE	L	2	5(
693	03/11/92	ARMORED TRANSPORT	125	GRIFFIN ST	SALINAS	GASOLINE	R	3	7
68	03/05/87	GOLDMAN LAND/DEVELOPMENT PROP.	148	GRIFFIN ST	SALINAS	GASOLINE	R	3	8
332	01/15/88	MITCHELL SILLIMAN	909	HARKINS RD	SALINAS	GASOLINE	R	3	5(
635	09/18/89	UNKNOWN	151	HARRISON RD	SALINAS	GASOLINE	L	0	3
690	12/27/89	HARTNELL COLLEGE	156	HOMESTEAD AVE	SALINAS	WASTE OIL	R	3	5(
793	09/07/90	LAWLER PROPERTY	104	JOHN ST	SALINAS	GASOLINE	R	3	3I
585	07/06/89	JOHN STREET TEXACO	47	JOHN ST	SALINAS	GASOLINE	R	3	3
888	04/05/91	BEACON STATION	51	JOHN ST	SALINAS	GASOLINE	R	3	3
658	11/03/89	ARCO SERVICE STATION NO 2188	145	KERN ST	SALINAS	GASOLINE	L	0	3
221	08/04/87	CHEVRON SERVICE STATION 9-5285	151	KERN ST	SALINAS	WASTE OIL	R	3	8
362	03/24/88	MISSION INDUSTRIES INC.	315	KERN ST	SALINAS	GSOLINE	L	0	5
1134	09/22/92	MCCARTHY PROPERTY		LINCOLN & MARKET ST W	SALINAS	GASOLINE	R	3	3

LOCAL AND REGIONAL BOARD CASES

	REPORT DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	ST
253	08/06/87	MOBIL SERVICE STATION #10-246		MAIN & SAN MIGUEL	SALINAS	GASOLINE	R	2	5C
1013	02/18/92	HARDEN RANCH HEADQUARTERS		MAIN N & SAN JUAN RD	SALINAS	GASOLINE	R	3	5C
587	05/09/89	SHERWOOD GARDEN CAR WASH	1063	MAIN ST N	SALINAS	WASTE OIL	L	0	0
372	05/04/88	BP OIL CO.S/S#11165(MOBIL 318)	1240	MAIN ST N	SALINAS	GASOLINE	R	3	5C
584	07/07/89	NORTH MAIN EXXON	225	MAIN ST N	SALINAS	GASOLINE	R	3	8
663	08/15/89	ROTTEN ROBBIE #34 "A"	807	MAIN ST S	SALINAS	DIESEL	R	3	8
805	10/11/90	MISSION TRAIL OIL COMPANY	807	MAIN ST S	SALINAS	GASOLINE	R	3	8
32	11/19/86	A-1 AMBULANCE	241	MARKET ST E	SALINAS	REGULAR GAS	R	3	5R
431	07/08/88	SAINT VINCENT DE PAUL	251	MARKET ST E	SALINAS	GASOLINE	R	3	5C
1325	02/26/93	TONY'S AUTO AND SMOG	300	MARKET ST E	SALINAS	WASTE OIL	L	0	1
737	06/08/90	ARMORED TRANSPORT	326	MARKET ST E	SALINAS	GASOLINE	R	3	5R
1092	05/07/92	A-1 RENTS(NEW CASE)	355	MARKET ST E	SALINAS	GASOLINE/DIESEL	R	3	8
846	12/20/90	SERVICE CENTER	431	MARKET ST E	SALINAS	WASTEOIL/GASOLI	L	0	1
1095	05/29/92	GROSSMAN WAREHOUSE	735	MARKET ST E	SALINAS	GASOLINE	L	0	1
1328	01/20/93	JACK GROSSMAN WAREHOUSE	735	MARKET ST E	SALINAS	GASOLINE	L	0	5C
6	09/24/86	MARTELLA PROPERTY		MARKET ST W	SALINAS	REGULAR GAS	R	2	7
780	08/22/90	SALINAS REDEV. AGNCY - LACY'S	100	MARKET ST W	SALINAS	GASOLINE	R	[illegible]	3B
865	07/26/89	CHIN PROPERTY	102	MARKET ST W	SALINAS	GASOLINE	R	[illegible]	
682	12/05/89	COCA COLA	251	MARKET ST W	SALINAS	GASOLINE/DIESEL	R	2	5R
859	01/14/91	THOMPSON RANCH	21	MCFADDEN RD	SALINAS	GASOLINE	R	3	5C
202	01/08/86	CHAMPION INTERNATIONAL CORP.	1078	MERRILL ST	SALINAS	DIESEL	R	4	8
794	09/07/90	VEGETABLE GROWERS SUPPLY	1360	MERRILL ST	SALINAS	GASOLINE	L	0	5C
514	03/20/91	SALINAS REDEVELOP AGENCY	00	MONTEREY & MARKET ST	SALINAS	GAS/DIESEL	R	3	7
630	09/06/89	DICK TAMAQUI	126	MONTEREY & SALINAS HWY	SALINAS	GASOLINE	R	3	3A
723	03/30/90	UNOCAL SERVICE STATION #1011	201	MONTEREY ST	SALINAS	GASOLINE	R	3	5C
87	03/30/87	CHEVRON SERVICE STATION #7530	401	MONTEREY ST	SALINAS	GASOLINE	R	4	8
1369	07/08/93	SOUTHLAND SITE #14258	22760	PORTOLA DR	SALINAS	GASOLINE	L	0	3A
734	05/04/90	SALINAS VALLEY OIL CO	250	RIANDA CIR	SALINAS	SOLV/DIESEL	R	3	5C
842	10/09/92	AHLPORT PETRO/URQUIZO'S EXXON	975	SANBORN W	SALINAS	GASOLINE	R	3	5C
911	06/19/91	FORMER-LANBENDORF BREAD	145	SANBORN RD W	SALINAS	GASOLINE	L	0	5C
896	05/22/91	SEVEN ELEVEN STORE(SOUTHLAND C	335	SANBORN ST	SALINAS	GASOLINE	R	3	5R
853	09/22/91	SALINAS MUNICIPAL GOLF COURSE	45	SKYWAY BLVD	SALINAS	GASOLINE	R	3	5R
342	02/08/88	ROYAL PACKING	20930	SPENCE RD	SALINAS	GASOLINE	R	3	7
746	07/09/90	SALINAS VALLEY PIPE CO.	35	SPRING ST	SALINAS	GASOLINE	L	0	1
1329	03/09/93	SALINAS STEEL BUILDERS	1161	TERVEN AVE	SALINAS	GASOLINE	L	0	1
100	05/04/87	SEVEN-UP BOTTLING CO.	1194	TERVEN AVE	SALINAS	GASOLINE	R	3	7
932	07/19/91	ADOLF YOUNG/ROBERT YOUNG	17500	VIERRA CANYON RD	SALINAS	GASOLINE	L	0	1
889	03/28/91	EXXON RAS 7-0258	8	WILLIAMS RD	SALINAS	GASOLINE	L	0	3B
1326	11/18/92	GENERAL FARMS INVESTMENT	264	BLANCO RD	SALINAS CA	GAS, DIESEL	R	3	-
969	10/23/91	TEXACO EXPLORATION & ROAD INC	111	SARGENT CANYON	SAN ARDO	CRUDE OIL	R	3	5C
1135	08/26/92	ANDERSON PROP(SCANDIA VOLVO)	1661	DEL MONTE BLVD	SEASIDE	GASOLINE	R	3	3B
1323	03/14/93	VICTORY TOYOTA	5	HEITZINGER PLZ	SEASIDE	GAS, WASTE OIL	L	0	1
1379	07/26/93	SPRECKELS UNION SCHOOL		RAILROAD ST	SPRECKELS	GASOLINE	R	[illegible]	1
965	09/13/91	TRIPLE-M RANCH	410	HALL RD	WATSONVILLE	GASOLINE	L	[illegible]	3B
761	07/17/90	UNI-KOOL		RAIL RD & ALISON LN	WATSONVILLE	GASOLINE/DIESEL	R	3	3A
1334	03/17/93	AVELAR AUTO SHOP	300	SALINAS RD	WATSONVILLE	GASOLINE	L	0	1
1371	08/24/93	J M SMUCKER	423	SALINAS RD	WATSONVILLE	GASOLINE/DIESEL	R	3	1

LOCAL AND REGIONAL BOARD CASES

	REPORT DATE	SITE NAME	STREET#	STREET	CITY	SUBSTANCE	LEAD	RANK	S
963	08/07/91	PAJARO CHEVRON	424	SALINAS RD	WATSONVILLE	GASOLINE	R	3	3
99	05/01/87	C & N TRACTORS	496	SALINAS RD	WATSONVILLE	GASOLINE	R	4	8
879	05/04/89	CLINT MILLER FARMS	215A	SAN JUAN RD	WATSONVILLE	GASOLINE	R	3	7

Attachment 3

State of California **Department of Health Services**

Memorandum

DATE: January 25, 1994

TO: Jennifer Smith
Office of Military Facilities
Department of Toxic Substances Control
400 P Street, 4th Floor
Sacramento, California 95812-0806

FROM: Environmental Radiation Programs
Division of Drinking Water and
Environmental Management
601 North 7th Street
P.O. Box 942732
Sacramento, CA 94234-7320

SUBJECT: Fort Ord Draft CERFA Report—Comments

Attached are the Department of Health Services' comments on the *Draft Community Response Facilitation Act (CERFA) Report, Fort Ord, Monterey, California, December 6, 1993*.

These comments are in support of the Interagency Agreement between the State Water Resources Control Board and the Department of Health Services.

If you have any questions concerning these comments or if you need additional information, please give me a call at (916) 322-2183.

Steven A. Book, Ph.D.
Special Assistant

Attachment

cc: Rufus Howell, DHS
Jack McGurk, DHS
Bill Watson, DHS
John Adams, SWRCB
Leslie Laudon, SWRCB
Theresa McGarry, DTSC

California Department of Health Services' Comments on the *Draft Community Response Facilitation Act (CERFA) Report, Fort Ord, Monterey, California, December 6, 1993.*

General comments:

The draft CERFA report for Fort Ord lacks details on the use and operational history of radioactive material at the facility. Hence, it is unclear whether radioactive material is of concern at Fort Ord.

The document does not include radioactive material among hazardous substances that need to be addressed. It is unclear why radionuclides are not considered hazardous substances, but are instead designated as "non-CERCLA" in this report.

Issues related to the presence of radioactive material are a major component of the base closure process. If past practices regarding radioactive material are not adequately addressed, an expeditious transfer of military property to nonmilitary uses will be difficult.

The past use, storage, and disposal of radioactive material need to be addressed in identifying property on military bases that can be released from military control. This is supported by observations of the historical use of radioactive material on military bases. For example, the Department of the Army's Corps of Engineers distributed to its regional commands a memorandum (dated December 8, 1993) addressing awareness of radioactive materials used at Department of Defense (DOD) facilities. That memorandum pointed out that the DOD has issued over 2800 different types of instruments and articles containing radioactive materials, including radium-226, and that radioactive contamination may exist in materials in base supply warehouses, or in shops used for the manufacture, repair or maintenance of such articles. The memorandum also points out that "during the 1940s, 1950s, and 1960s, on-base burial, sometimes in radioactive waste disposal cells and often in on-base landfills, was a reasonable and acceptable disposal technique."

We have found that many times radioactive materials are not considered by contractors with expertise in hazardous materials as within their bailiwick, so in-depth review of the use, storage, and disposal of radioactivity may be omitted from the contractors' efforts.

We have also found that the process often ignores experts that are available within a specific military branch. Information about the use of radioactive material could be obtained not only from interviews with past Radiological Safety Officers and employees, but also from radiation experts associated with the various service branches. These include: the Air Force's Armstrong Laboratory at Brooks Air Force Base in Texas; the Army's Environmental Hygiene Agency at the Aberdeen Proving Ground, Maryland; the Army Corps of Engineers in Omaha, Nebraska; and the Navy's Radiological Affairs Support Office in Yorktown, Virginia.

Finally, we have found that naturally occurring radioactive material, in particular radium-226, is often not considered to be "radioactive material." However, it is of concern from a public health and environmental protection standpoint, and does need to be addressed in base closures and property transfer. Radium-226 was widely used throughout DOD facilities in a variety of commodities and practices.

Documents regarding the use, storage, and disposal of radioactive material are often not being reviewed by contractors. For example, specific licenses from the Nuclear Regulatory Commission (NRC), DOD permits, documentation generated by Fort Ord's radiation safety program, and lists of radioactive components (e.g., commodities) that were part of any equipment or devices used by the Army that historically were present on Fort Ord all have information that would provide the necessary understanding of the scope and extent of the historic presence of radioactive material at the base.

Further, radioactive material (including radium-226) in association with hazardous waste also needs to be considered. If such "mixed waste" is present, options for its handling need to be addressed.

CERFA documents need to address the wide use of radioactive material associated with typical military functions. Radionuclides are covered as part of the CERCLA process. Further, it would be unusual for a military base not to have had on-site some presence of radium-226 containing dials, knobs, and gauges, or facilities that repaired equipment that contained radium-226 or other radionuclides. If no radioactive materials containing radium-226 or other radionuclides were used, repaired, stored, or disposed of on site, then this historical non-use should be included in the reports on the facility, with appropriate documentation and concurrence from knowledgeable and responsible base authorities.

Specific comments:

Page 1, 1.0 Introduction: If "the first step in satisfying the objective [of identifying real property offering the greatest opportunity for immediate reuse and redevelopment] is the requirement to identify real property where no CERCLA regulated hazardous substances or petroleum products were stored, released, or disposed", then this requirement of CERCLA and CERFA has not been met by this document. The document needs to address the wide use of radioactive material associated with typical military functions. Further, radionuclides are covered as part of the CERCLA process, which requires a site characterization survey to be completed.

Page 8, Existing Investigation Documents: No mention is made of Fort Ord's licenses for radioactive material. We understand that NRC Licenses SUC-1380 and SUB-1536, both of which allowed the use of depleted uranium, were never utilized at Fort Ord. Is this true? What was the facility protocol for the use of radioluminous devices (NRC License 12-00722-06)? What was the disposition of these devices, (some of which may have contained up to 10 curies per device) with regard to off-base transfer or disposal as low level radioactive waste?

Page 13, 2.3 Interviews: What were the position decriptions, duties, and times of employment at Fort Ord for those individuals who were interviewed? No reference is made in this section to interviews with past or present personnel associated with Fort Ord's radiation safety program. Why is this? Was the U.S. Army Environmental Center at Aberdeen, Maryland asked to provide historical documentation on the use, storage, and disposal of radioactive material at Fort Ord?

Page 22, 4.1 Previously Identified Areas Requiring Environmental Evaluation: Of the number of environmental studies conducted or underway at Fort Ord, how many have not had radioactive material as an issue? Does this include the Enhanced Preliminary Assessment done by Weston in 1990 and the basewide RI/FS? Is radioactive material known to not be a problem with the burn pit (OU1) and the landfill area (OU2)?

Page 22, 4.2 Additional Areas Requiring Environmental Evaluation Identified by CERFA Investigation: Was it determined that the identified areas for current and past storage, release, and disposal of hazardous materials were not involved at all with radioactive material? For new areas identified has radioactivity been determined to not be a concern?

Page 27, 4.4.4 Radon: What was the protocol for placing and retrieving radon monitors? What kinds of monitoring devices were used, and which laboratory analyzed the monitors? What are the findings of the survey, i.e, what are the typical radon concentration in Fort Ord buildings? Were industrial buildings monitored?

Page 27, 4.4.5 Unexploded Ordnance (UXO): Were nuclear explosive-like assemblies (NELAs) used by Fort Ord personnel? Was ordnance known as depleted uranium penetrators ever used in any capacity at Ford Ord?

Page 28, Sites with Historical or Ongoing Remediation: Of the 41 sites currently under investigation, how may of these have been determined to not have radioactivity as a category of hazardous material of concern?

Pages 29-31, Table 4-1 AREEs Identified in Enhanced Preliminary Assessment at Fort Ord: Have the following areas been free released from radiological control?

AREE #	Description
2.	Main Garrison Landfill
7.	Cannibalization Area
8.	DRMO Hazardous Waste Storage Area
20.	Incinerator (Building 4385)
22.	Former DRMO Storage Area
33.	Medical Facilities
34.	Laboratory Operations (Buildings 3723, 4420, and 2076)
37.	Other Hazardous Material Storage and Handling Areas (located throughout the facility)
38.	Radioactive Waste Storage
40.	Former Landfill at East Garrison
44.	Other Hazardous Material Storage and Handling Area (Building 91)
45.	Former Landfill Building 1474 Area
46.	Former Hospital Area
50.	Former Incinerator at East Garrison
57.	Unauthorized Disposal Areas (located thought the facility)

Pages 32-33, Table 4-2 Current Site Investigations at Fort Ord: What is the distinction between AREE Numbers 8 and 22 from Table 4-1, and Site Numbers 25, 29, and 31? If these locations are distinct, have the latter site numbers been found to not have radioactivity in their past operational history? Has Site Number 35, the Aircraft Cannibalization Yard, been found to not

have radioactive materials (including radium-226 in knobs, dials and gauges) in its past operational history?

Pages 63-64, Table 5-1 Parcel Identification: What activities were associated with Buildings 5640, 7971, 8000, and 8063? These buildings all had radon detection levels greater than 4 picocuries per liter. How long have these buildings been at Fort Ord, and of what materials are they constructed?

Pages 67-68, Table 5-1 Parcel Identification: Were sources of radioactivity used at Chemical/Biological/Radiological (CBR) Training Areas #1, #2, and #3 as part of the Army training program? What is the justification for the statement, "There is no evidence of the use of . . . radioactive materials. . ."?

Attachment 4

MONTEREY COUNTY

DEPARTMENT OF HEALTH ROBERT J. MELTON, M.D., M.P.H., Director

FAMILY AND COMMUNITY HEALTH ENVIRONMENTAL HEALTH HEALTH PROMOTION
MENTAL HEALTH ALCOHOL AND DRUG PROGRAMS EMERGENCY MEDICAL SERVICES

☒ 1270 NATIVIDAD ROAD, SALINAS, CALIFORNIA 93906-3198 (408) 755-4500
☐ 1200 AGUAJITO ROAD, MONTEREY, CALIFORNIA 93940-4898 (408) 647-7650
☐ 1180 BROADWAY, KING CITY, CALIFORNIA 93930 (408) 385-8350
☐ 1292 OLYMPIA AVENUE, SEASIDE, CALIFORNIA 93955 (408) 899-8100
☐ 1000 S. MAIN ST., SUITE 306, SALINAS, CALIFORNIA 93901 (408) 755-4583

PLEASE REPLY TO ADDRESS CHECKED

January 13, 1994

Department of Toxic Substance Control
c/o Terresa McGarry
Office of Base Closure Conversion
400 P Street
P.O. Box 806
Sacramento, CA 95814-0806

Subject: Community Environmental Response Facilitation Act (CERFA) Report

Dear Ms. McGarry:

This department has reviewed the Community Environmental Response Facilitation Act (CERFA) Report for Fort Ord and has the following comments:

1. Page 11, RCRA-D Landfills. The Monterey Peninsula Sanitary Landfill (Monterey Regional Waste Management District) and the Parkfill Disposal Site, have never intentionally accepted hazardous materials during operation . This should be corrected.

2. Page 12, State Hazardous Waste Sites and Landfills. What eight active hazardous waste cleanup sites and landfills in Salinas, Marina, and Monterey are you referring to? This should be clarified.

If you have any questions regarding this matter please contact this office.

Sincerely,

Walter Wong, M.P.H., R.E.H.S.
Director of Environmental Health

Jon Jennings, R.E.H.S.
Chief, Hazardous Material/ Solid Waste Management Branch

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12 Apr 94

USAEC Response to EPA Region IX Comments to the Draft CERFA Report for Fort Ord, Monterey, California

General Comments:

1) Comment: Section 1.2: CERFA Parcels:

The definition provided for the CERFA Parcel category includes areas that contained so-called non-CERCLA hazardous substances but have since been fully remediated. EPA does not agree with this definition. First, many of the substances listed as remediated are indeed regulated under CERCLA. More importantly, however, as noted in the description of the CERFA with qualifiers category, remediation is not a factor under 120(h) (4) for purposes of identifying areas where hazardous substances have been stored, released, or disposed of.

Response: Concur. The confusion lies with the Sec. 1.2 definition of CERFA Parcel with Qualifier and the use of the term "non-CERCLA" hazards. The definition of CERFA Parcel with Qualifier has changed and the term "non-CERCLA" hazards has been eliminated. However, it is the Army's position that property containing related environmental, hazard, and safety issues (as listed in the revised definition of CERFA Parcel with Qualifier), which has since been remediated, would then be considered a CERFA Parcel.

2) Comment: Section 1.2: CERFA Parcel(s) with Qualifier(s):

The Army has introduced a parcel category called "CERFA Parcel(s) with Qualifiers" which is outside the scope of the BRAC seven parcel categories. EPA Region 9 does not agree that this category should be included in the CERFA report because it presents two basic problems. First, the category is described as "Parcels ... [which] contain non-CERCLA related hazards, including asbestos, radon, UXO, lead-based paint, radionuclides, or inactive PCB-containing equipment." However, some of the "hazards" identified are regulated under CERCLA (asbestos, lead, PCBs, radon, radionuclides) - Second, it is unclear whether the Army intends to transfer these parcels as uncontaminated parcels. EPA may agree that the transfer of some of the parcels in this category may not pose a problem (e.g., parcels containing non-friable asbestos in buildings), but that others should not be transferred as uncontaminated (e.g., parcels containing unexploded ordnance). EPA's concurrence with such a transfer would not be based upon the rationale that the substance is not a CERCLA hazardous waste. However, the category as described on page 2 indicate otherwise.

Response: Non-concur. As discussed in the response to comment 1, the term "CERFA Parcel with Qualifier" has been redefined. The

term "non-CERCLA" hazards has been eliminated. In its place is a specific list of related environmental, hazard, and safety issues which are not explicitly regulated under CERCLA. USAEC has sought to balance the statutory requirements of CERFA with the law's intent to identify uncontaminated property to the public which could be expeditiously reused. "Notice" has been provided for those parcels which appear to be uncontaminated under the definition provided in CERFA, but which may contain environmental, hazard, or safety issues.

We would like to emphasize that Public Law 102-426 only required the Army to identify "uncontaminated" parcels which could be expeditiously transferred to the public. Our CERFA reports far exceed the requirements of the law, as we have undertaken to delineate those parcels which fulfill the identification requirements of the law (that is, uncontaminated parcels offering potential for expeditious transfer/reuse), and those which do not. It is also important to note that our use of 4 parcel designations occurred 15 months before the Department of Defense issued guidance for the use of 7 parcel designations. It was not programmatically possible for us to modify our investigation approach to allow the use of 7 parcel designations. However, we are exploring the use of the 7 parcel designations for use in BRAC Cleanup Plans being prepared by this Center.

3) Comment: Section 2.5 Title Documents:

Please identify what guidance, policy, or regulation limits the title searches required by 120(h) (4) to 54 years for property acquired post-1970 and to the immediate former owner for property acquired pre-1970 (see page 14).

Response: Concur. More information will be included in the final CERFA report which clarifies how the Army satisfied this requirement. This requirement was satisfied based on a legal interpretation of the CERFA legislation to define the title search requirements. This interpretation concluded that a comprehensive, document-by-document, conveyance-by-conveyance title search is not required by the CERFA statute. As part of the CERFA investigation process, Congress intended that the federal agency conducting the investigation rely on existing studies to the extent practicable, and to supplement these studies as necessary in order to expeditiously assess and identify those potential parcels most readily suitable for re-use. Based on these factors, the Army believes that in most cases a legally sufficient CERFA title search can be accomplished by:

a) Comparing tentatively identified CERFA Parcels with a USACE installation Real Estate Map or some equivalent document; and,

b) Examining the list of historic owners who originally

transferred each tentatively identified CERFA Parcel to the federal government.

Unless this examination reveals owners who are reasonably suspected of having used the property for industrial purposes, waste disposal, or other activities which would suggest potential contamination, or identifies an environmentally based land use restriction, pursuing the record search backwards through time to other previous owners will not be necessary. In some cases, a deeper search would be warranted, such as when the tentatively identified CERFA Parcel is located in a heavily urbanized area; or when historic aerial photography has revealed buildings or sites suggestive of industrial use.

4) Comment: Section 4.3 Adjacent or Surrounding Properties:

CERFA requires "a physical inspection of property adjacent to the real property" which is identified as uncontaminated. (See §120(h)(4)(v).) The Army limits its discussion in this section regarding adjacent properties to those properties surrounding Fort Ord in its entirety. (See page 24 of Draft Report.) It is EPA's position that the CERFA requirement dealing with adjacent properties applies not only to the outer boundaries of Fort Ord, but also to the outer boundaries of each individual parcel that is being identified as uncontaminated under Section 120(h)(4), so that there can be assurance that contaminants from adjoining parcels do not impact uncontaminated parcels. Section 2.2 discusses adjacent properties with respect to the review of federal, state, and local records, and Section 2.4 discusses adjacent properties with respect to visual inspections. However, a separate section should discuss any physical inspections performed. It could be helpful to provide such indication with the description of each CERFA parcel contained in Table 5-1 of the CERFA Report.

Response: Concur. Although Section 4.3 only discusses adjacent or surrounding properties as being off-post property the evaluation of CERFA Parcels and CERFA Parcels with Qualifiers considered adjacent on-post parcels as "adjacent of surrounding properties." The focus was to determine whether releases have occurred on adjacent property, both on and off Fort Ord, and to provide assurance that any contaminants from adjacent properties or parcels do not impact the uncontaminated areas designated as CERFA Parcels and CERFA Parcels with Qualifiers. Any potential concerns will be identified within the description of each CERFA Parcel and CERFA Parcel with Qualifier. Statements indicating that adjacent properties were considered with respect to potential impact on the CERFA Parcels and CERFA Parcels with Qualifiers will be provided in Section 5.1.2 and 5.1.3, respectively; appropriate comments will also be included in Table 5.1-1.

5) Comment: Aerial Photos:

CERFA requires that aerial photographs be evaluated for the historical use or presence of hazardous substances. Please verify that such analysis was completed, identify the dates and sources of aerial photographs used, and include the results of the evaluation in the final CERFA Report.

Response: Concur. Aerial photographs were reviewed as part of the Fort Ord Enhanced Preliminary Assessment Report dated December 1990. This report included an evaluation of the available aerial photographs to identify areas of former activities that could result in environmental impacts. The areas of potential concern were further investigated in Fort Ord environmental surveys. The primary purpose, within the CERFA assessment, of reviewing these photographs was to confirm that there was no evidence of former storage, release, or disposal of hazardous substances or petroleum products or their derivatives within CERFA Parcels and CERFA Parcels with Qualifiers. A re-interpretation of the photographs was not performed. None of the photographs demonstrated evidence of former storage, release, or disposal of hazardous substances or petroleum products or their derivatives within any of the CERFA Parcels, including CERFA Parcels with Qualifiers. In addition, the dates of the photographs will be added to the CERFA report.

6) Comment: IRP Site Locations:

It is not clear that all IRP site locations have been represented on the base map as disqualified areas. We have concerns that areas marked as uncontaminated may be affected by contaminated areas. The limitations of the Draft CERFA report maps make it difficult to discern these areas clearly. We request that IRP site locations be identified on the CERFA maps.

Response: Concur. The CERFA contractor has obtained the necessary information for delineating the IRP sites on a map. The IRP sites will be displayed on the map provided in the CERFA report.

7) Comment: Pesticides:

The Army nominates several areas as CERFA parcels which are likely to have been subjected to the use of pesticides and herbicides. EPA Region 9 requests that AEC include information about the pesticides and herbicides used on these areas, and the frequency and amounts of pesticide and herbicide use. EPA Region 9 further requests that AEC provide the legal rationale for the conclusion that areas on which pesticides were once used can be included as uncontaminated areas under CERFA

Response: Non-concur. It is the Army's and DoD's position that

legal application of pesticides/herbicides/fungicides does not impact the CERFA status of parcels which are otherwise CERFA eligible (uncontaminated). This position is based on the conclusion that legal application of pesticides/herbicides/fungicides was not a contemplated release of a hazardous substance. Section 4.4 of the CERFA report will include a subsection discussing the approach taken in the CERFA assessment to evaluate pesticide/herbicide usage. Since an evaluation of pesticide usage was conducted during the initial Installation Assessment report and once again in the Enhanced Preliminary Assessment report, and no concern of improper release or disposal was noted, no areas were disqualified based on routine application of pesticides. The frequency and amounts of pesticides used will not be contained in the CERFA report. However, based on the assessments performed in previous studies and the routine monitoring provided by the US Army Environmental Hygiene Agency (USAEHA) any improper application, storage, release, or disposal would have been identified, and if necessary, investigated and remediated.

8) Comment: Asbestos Lead-based Paint, Radon -

It is our understanding that the Army has taken the position that the presence of asbestos and lead-based paint in intact and good condition, the presence of naturally-occurring radon (or other naturally-occurring radionuclides), or the presence of PCB-containing transformers that are part of an active electrical supply system need not disqualify property as being uncontaminated under 120(h) (4). It would be useful for the CERFA report to provide the Army's legal rationale for this conclusion. In our view, at a minimum the presence of these materials should be disclosed to the public and to potential future users of the property.

Response: Concur. In addition to changing the name of Section 4.4 from "Non-CERCLA Environmental Concerns" to "Related Environmental, Hazard, and Safety Issues", a discussion as to how the presence of substances listed in the conditions presented above does not disqualify property as being uncontaminated and the Army's approach for determining whether or not storage, release, or disposal has occurred will be provided. It should be noted, that the Army has not identified the presence of asbestos and lead-based paint to be "in intact and good condition". Also, by identifying these issues as qualifiers and documenting their presence throughout the report is the Army's intent to disclose this information.

It is the opinion of the USAEC Office of Counsel that absent a release or disposal, the presence of the following will not disqualify a parcel as being uncontaminated: asbestos contained

within building materials; lead-based paint applied to building material surfaces; and PCBs, radionuclides or other substances contained within sealed products being used or capable of being used for their intended purpose. Additionally, the presence of naturally occurring substances, such as radon, in their natural form, or altered solely through naturally occurring processes or phenomena, from a location where they are naturally found, are not considered releases which would disqualify a parcel as being uncontaminated.

9) Comment: The Draft CERFA Report provides information about the presence and condition of asbestos, radon, and lead-based paint in several areas on the base. For other areas, survey data was not yet complete at the time of the report. It is our understanding that all remaining surveys will be completed in time to be included in the final CERFA Report.

Response: Non-concur. Many environmental investigations are still underway. Due to the congressionally mandated schedule for identification of "CERFA uncontaminated" property, in order to finalize the CERFA report, a cut-off date will be established and noted in the executive summary of the CERFA report. Data and reports made available after the CERFA report cut-off date will not be included in the CERFA report. Because of this the Army has taken a conservative approach and has considered IRP sites under investigation to be CERFA Disqualified. Dates of building construction were considered when evaluating buildings where asbestos and lead-based paint data were not available.

10) Comment: 4.4.3 PCB Transformers -

The document should be more direct in explaining under what circumstances a PCB transformer will be categorized as a CERFA parcel or a CERFA-Disqualified parcel. For example, state: "Parcels which contain or have contained leaking PCB-filled transformers have been placed in the CERFA-Disqualified parcel category because a release of hazardous substances has occurred and such parcel cannot be identified as uncontaminated under §120(h)(4) of CERCLA. Parcels which contain PCB-filled transformers which are operable and in normal use with no evidence of leaking have been placed in the CERFA parcel category because ..."

Response: Concur. A more detailed explanation of how PCB-containing transformer information was used in categorizing parcels for the CERFA assessment will be provided. The wording suggested in the EPA comment and AEC guidance will be considered.

11) Comment: Unexploded Ordnance -

While there is uncertainty about how ordnance is regulated under CERCLA, it is EPA's position that property with UXO should not be considered uncontaminated under CERFA. It is not the intent of CERFA to identify property that is not safe for reuse without investigation and remediation. A common-sense approach indicates that nominating these areas as "CERFA Parcel with Qualifiers" parcels would be against the best interests of both the Army and public health and safety. EPA requests that these parcels be classified as disqualified under CERFA.

Response: Non-concur. When following the required protocol set forth in the CERFA law, the Army determined that the presence of unexploded ordnance did not by CERFA definition (which focuses on CERCLA issues) disqualify property from being considered uncontaminated. The Army recognizes that property containing unexploded ordnance in areas of their intended use and other situations such as the presence of asbestos containing material found in building structures and the presence of lead-based paint on structures are issues which should be considered when transferring property. That is why the Army established a CERFA Parcel with Qualifier category. The CERFA Parcel with Qualifier category serves as a disclosure and brings to attention related environmental, hazard and safety issues which need to be known prior to property transfer. It is not the Army's intent to release property containing unexploded ordnance without completing appropriate studies and remediation approved for the intended reuse of that property. There are stringent Army and DoD requirements which must be met when considering transfer of property containing unexploded ordnance.

12) Comment: At the January 28 meeting it was stated that, as a result of recent studies completed by Harding Lawson Associates, some areas currently marked as UXO will be cleared from this status and declared uncontaminated. Such areas include "dry-fire" training areas which never involved the use of ordnance, as well as other training areas which were originally designated for ordnance use but on which this use never occurred. For these areas, AEC should identify the areas and provide justification for why the areas were removed from UXO status.

Response: Concur. The CERFA contractor will evaluate the recent UXO studies completed by Harding Lawson Associates and include the results in the CERFA report. If there are instances where property which was originally considered to contain UXO are verified not to contain UXO, the CERFA report will mention this fact and the parcels will be redesignated appropriately.

13) Comment: If the Harding Lawson survey identifies any new areas for UXO status, it is essential that this information be included in the final report and that any newly-identified areas be

disqualified. In addition, we request that new UXO areas appear on the final basewide map.

Response: Non-concur. If new areas are identified as containing UXO, the CERFA reports will be appropriately updated but will unless otherwise disqualified, result in the designation of CERFA Parcel with Qualifier and not CERFA Disqualified Parcel as indicated in your comment. See response to comment 11.

Specific Comments:

The following specific comments refer to "CERFA Parcels":

14) Comment: Parcels 20 and 206 - Railroad tracks may impact property categorization depending on base-specific operations. Areas where trains have been loaded and unloaded (rail spurs, several lines of rail running parallel to each other, etc.) may have a high probability of releases of petroleum and hazardous materials. The presence of railroad tracks by themselves (e.g. treated railroad ties, frequent rail traffic) should not automatically disqualify property as being uncontaminated. Therefore, we request more information about the use of the railroad track on these parcels. What activity took place in the Balloon Spur tracks and loading docks area south of parcel 20 (Section 3(42,134))? Please define the kinds of loading/unloading, long-term railroad car parking, and maintenance activities which may have occurred here.

Response: Concur. The portion of the railroad tracks within the IRP Site 13 have been disqualified. Other portions of the railroad tracks lie within Parcel 206 and are not part of an IRP site under investigation and no evidence of contamination resulted from the CERFA assessment.

15) Comment: Parcel 194 - Did the plant nursery store pesticides/herbicides? If storage occurred, this parcel may be disqualified.

Response: Concur. Parcel 194 will be disqualified (HS(P)) with the following discussion to be provided in the table.

The available records did not indicate storage of hazardous substances at the nursery. The property was also inspected during the site visit on 4 Aug 94 (Jeff Fortner) and no hazardous substance storage was observed. However, since the nature of activities suggest that hazardous substances may have been stored at the nursery at some time in the past, this parcel has been disqualified.

16) Comment: Parcels 194, 196, 214, 216, 217, 220, and 226 - These parcels contain softball, baseball, and football fields, as well as the golf courses and an athletic training track. See general comment regarding the use of pesticides/herbicides in such areas.

Response: Non-concur. The Army does not consider routine legal application of pesticides/herbicides reason enough to disqualify a parcel from being CERFA "uncontaminated". See the response to comment 7 above.

17) Comment: Parcels 206, 213 and 216 - These parcels were discussed on January 28 because they are identified as CERFA parcels, but only the land parcels located under the buildings (which are schools and apartment buildings) are identified as CERFA parcels. For this reason, and because the buildings are not owned by the Army, visual inspections were not conducted in these buildings overlying these parcels for purposes of identifying the land as CERFA eligible. EPA Region 9's response to this issue is to request that such inspections be conducted if the areas are to be named CERFA parcels. Just as CERFA requires the Army to inspect parcels adjacent to CERFA parcels to verify that there is no threat of release, so also should the Army inspect the surface areas and buildings overlying parcels 206, 213, and 216 to ascertain that the areas are not threatened by contamination outside or over the parcel.

Response: Concur. Additional inspection/information will be gathered on the non-Army buildings located on these parcels. The Monterey Peninsula School District (MPSD) schools and Brostrum Park will be reevaluated to the extent possible. During the CERFA site visit, each school was inspected for general condition of the site. Charlie Van Metr, Superintendent of hazardous materials for MPSD will be contacted regarding 1) storage or use of hazardous materials, 2) UST or AST for petroleum storage, 3) dates of construction, and 4) asbestos, lead-based paint, or radon surveys for the Fort Ord school. The additional information will be included in the CERFA report and appropriate changes to the parcel categorizations will be made if necessary. The land itself was thoroughly evaluated using the seven step protocol described in the CERFA law.

18) Comment: Parcels 203, 204, and 205 - Please reevaluate the boundaries of nearby contaminated groundwater plumes to insure that these parcels are neither impacted now, nor will they be impacted in the future due to groundwater migration. The Regional Board has indicated that the 1 ppb TCE contour line used to delineate adjacent parcels may actually represent a 10 ppb contour line. The known extent of groundwater contamination should be provided

so that property affected by hazardous substance releases can be determined. Our discussion at Fort Ord on January 28 indicates that the reevaluation of the groundwater plumes will result in the disqualification or reconfiguration of these specific parcels and perhaps additional parcels. In the January 28 meeting, it was agreed that AEC's contractor for the CERFA report would incorporate the most recent groundwater data to be supplied by David Eisen of the Regional Water Quality Control Board.

Response: Concur. The CERFA contractor will reevaluate the boundaries of the contaminated groundwater plume to show the 1 ppb contour. Reference will be made to the most recent Dames & Moore RI/FS for OU2 (June 8, 1993), the letter on cleanup costs prepared by HLA which shows the groundwater contours, and the CERFA maps provided by David Eisen, RWQCB (805-542-4636), which show the additional areas he would like disqualified.

12 Apr 94

USAEC Response to Cal EPA DTSC Comments to the Draft CERFA Report for Fort Ord, Monterey, California

Note: USEPA is the lead CERFA regulator for this NPL site.

General Comments:

1) Comment: The Report does not include the analysis of historical or current aerial photos as required by CERFA.

Response: Concur. Although the CERFA report does not mention it, an existing aerial photo analysis was reviewed during the CERFA process. Generally, aerial photo analyses are performed during the Enhanced Preliminary Assessment phase of the environmental restoration process to assist in identifying possible areas requiring environmental evaluation. The primary purpose, within the CERFA assessment, of reviewing these photographs was to confirm that there was no evidence of former storage, release, or disposal of hazardous substances or petroleum products or their derivatives within CERFA Parcels and CERFA Parcels with Qualifiers. A re-interpretation of the photographs was not performed. None of the photographs demonstrated evidence of former storage, release or disposal of hazardous substances or petroleum products or their derivatives within any CERFA Parcel and CERFA Parcel with Qualifier. The CERFA report will be revised to discuss efforts undertaken in order to perform the CERFA assessment. The dates of the photographs reviewed will also be mentioned.

2) Comment: Because of the significant hazards posed by the presence of unexploded ordnance (UXO), we do not concur that parcels containing UXO/Explosive waste are CERFA Qualified.

Response: Non-concur. The Army does not consider UXO to be storage, release or disposal of a hazardous substance as defined by CERCLA. Therefore, the presence of UXO found in areas of their intended use does not disqualify property from being "CERFA uncontaminated." See also response to EPA comment 11.

3) Comment: It is unclear if the parcel borders adequately delineate the contaminated areas from the uncontaminated areas. Please provide the rationale used in delineating parcel boundaries, as well as UXO, soil and groundwater contaminated areas.

Response: Concur. The rationale for delineating the four categories of property established by the Army for the CERFA assessment was based on a minimum one acre designation. In other words the boundaries for each parcel was established using a one-

acre grid system which overlaid the base map. In order to assure that sites of known contamination are fully contained within CERFA Disqualified Parcels, the IRP sites and the extent of known soil and groundwater contamination will be displayed on the map. Soil and groundwater contamination delineations are based on the maximum extent documented since CERFA requires Disqualification of sites which have been remediated. The boundaries for UXO areas are approximate and have never been surveyed, therefore, in presenting those boundaries, the Army had to err on the conservative side and made the parcels containing UXO larger than necessary. The accuracy of the CERFA maps is dependent on available information and in most cases especially the large training areas, the location of sites are lacking survey data. The parcel boundaries were not surveyed in the CERFA report; the surveying of reuse parcels will be performed when property transfer is underway.

4) Comment: Department of Defense (DoD) Guidance states that the Environmental Baseline Survey (EBS) Report will include "property identification" (e.g. address, assessor parcel number, legal description). Please discuss why the acre-grid approach was taken, instead.

Response: The abbreviation "e.g." is interpreted by the Army to mean "for example." As such, all of the Army's CERFA reports include the installation name and location. The Army believes this is sufficient to the purposes of CERFA. The Army chose a one acre grid system to facilitate mapping and to provide a standard unit on which to create CERFA parcels since in most cases (such as Fort Ord) when the CERFA assessment began, reuse parcel boundaries were not yet established.

5) Comment: The Army should identify Installation Restoration Program (IRP) sites on the maps. Additionally, the Army should identify limits of contamination (soils and groundwater) where known.

Response: Concur. The Army will identify IRP sites and known limits of soil and groundwater contamination. See response to EPA comment 6.

6) Comment: It is our understanding that the Army is taking the position that the presence of asbestos or lead-based paint, the presence of naturally-occurring radon (or other radionuclides), or the presence of inactive polychlorinated biphenyl (PCB)-containing equipment need not disqualify property from being designated a CERFA or CERFA Qualified parcel.

Please provide in the Report the legal and technical rationale that was used to reach this conclusion.

Response: Concur. See response to EPA comment 8.

7) Comment: Asbestos survey data scheduled for housing area should include condition of asbestos in structures (friable or non-friable).

Response: Concur. The condition of asbestos in housing area structures is not available. An asbestos survey on structures built pre-1985 within the housing areas to be excessed is currently underway, however the data is not yet available for the CERFA report. Where data is not yet available, the determination of whether asbestos would be present or not was based upon the dates of construction. Once data is made available it will be evaluated and incorporated into subsequent versions of a basewide Environmental Baseline Survey (EBS) or site specific EBSs as appropriate.

Specific Comments:

1) Comment: Page 1-1. The text states, "The Base Realignment and Closure (BRAC) Program is patterned after the Army's IRP except it has been expanded to include such categories of contamination such as asbestos, radon, PCBs, and others that are not normally addressed under the Army IRP." Based on this statement, it is unclear what categories of contamination are addressed under which program. This particularly is important with respect to property transfers because more than one program may need to be involved to adequately characterize and remediate contamination.

Please amend Section 1.1 (Purpose and Scope) to clearly and completely define which types of contaminants and/or substances are identified under which program.

Response: Non-concur. The text appears clear. The Installation Restoration Program (IRP) for active installations does not fund asbestos, radon, PCB, or unexploded ordnance cleanup issues; these concerns are funded apart from the IRP and are considered "compliance" actions. Under the BRAC program, if there are concerns which must be met to allow the closure of an installation (such as asbestos, radon, PCBs, or unexploded ordnance), these can be funded using BRAC funds. The BRAC program includes all other contaminants typically investigated under the IRP.

2) Comment: Page 1. The text states "The term "enhanced" is used to distinguish these assessments from previous IRP preliminary assessment (PAs) since the BRAC PAs are conducted from a property transfer perspective and evaluate areas which are not included on

the IRP (e.g. asbestos, radon, PCBs)." This is incorrect. The scope of the IRP PA may be different than the enhanced PA in terms of the types of contaminants but certainly not in terms of land or area.

Please provide a clear and complete definition of the contaminants which are addressed under each program (i.e., PAs versus enhanced PAs).

Response: Non-concur. The text is correct as stated above. See response to specific comment 1 above.

3) Comment: Page 1. The text generically refers to BRAC 1 and BRAC 91 base closures but never identifies [illegible] Fort Ord fits into either base closure group.

The Army should provide text that identifies which BRAC closure group Fort Ord belongs to.

Response: Concur. Fort Ord will be identified as being a BRAC 91 closure site.

4) Comment: Page 2. The text (e.g. CERFA Parcel, CERFA Parcel(s) with Qualifier) incorrectly identifies radionuclides, lead-based paint and asbestos (friable) as non-CERCLA hazardous. According to 40 Code of Federal Regulations (CFR) Part 302 and Table 302.4 these substances are listed as a CERCLA hazardous substances.

Response: Concur. The definition of a CERFA Parcel with Qualifier has been revised to eliminate the phrase "non-[illegible]CLA" hazards. See response to EPA comment 2.

5) Comment: Page 13 - 18, (Interviews). Interviews should include dates of employment. The Report does not consistently indicate the positions held by individuals interviewed.

Response: Concur. The positions of those people interviewed under the CERFA assessment were provided. The dates of employment were not sought and therefore will not be provided in the CERFA report. The CERFA report will mention that additional interviews were carried out as part of the Enhanced Preliminary Assessment (Weston, 1990). These interviews were not duplicated in the CERFA assessment.

6) Comment: Page 14. Please provide any relevant information

obtained from the review of title documents which reveal impacts from previous uses.

Response: Concur. This section of the CERFA report will be expanded to discuss the process undertaken by the CERFA contractor to perform this effort. The CERFA contractor will provide a qualitative summary of the types of past property uses based on the previous owners that were identified. See also response to EPA comment 3.

7) Comment: Page, 12, Section 2.2. Another area or source of potential soil or groundwater contamination not identified in the Report is the Sand City dump site, at Highway 1 and Fremont Street in Sand City. Additional underground tank sites not listed in the Report exist in the cities of Marina, Sand City, and Seaside. Attachment 2 is a copy of the most current Regional Board underground tank report listing.

Response: Concur. Mention of the Sand City Dump will be included in the CERFA report. This dump is located south of Fort Ord. Based upon groundwater flow and the location of the Sand City Dump, the potential for groundwater migration from this dump is not likely to impact any parcel on the installation. The database search conducted by the CERFA contractor was for the identification of leaking USTs. Appendix C provides the most current Regional Water Quality Control Board listing of USTs.

8) Comment: Page 20, Section 3.1.2. The listing of "industrial-type activities at the installation" is incorrect. The list identifies the "FAAF" sewage treatment plant is in operation. This is incorrect. The East Garrison sewage treatment plant is still in operation. The East Garrison sewage treatment plant performs primary treatment providing solid and liquid separation. The former medical waste incinerator (Building 1442) at 8th Street and 4th Avenue, needs to be included in the "industrial-type activities at the installation" listing in the Report.

Response: Concur. The CERFA contractor will verify the contents of this comment and will make changes to the CERFA report if appropriate.

9) Comment: Page 22, (Additional Areas Requiring Environmental Evaluation (AREEs) Identified by CERFA Investigation.) The text states "The CERFA investigation revealed the following new areas that may require additional evaluation by the environmental staff...". Further, it is unclear whether the CERFA parcels include any of these AREEs.

Please identify these AREEs on maps; indicate whether any of these

AREEs fall on CERFA designated parcels and discuss what follow up action will be taken to address them.

Response: The CERFA contractor will provide the parcel numbers for these areas in the text of the report and state that they are disqualified parcels. They will also identified on the CERFA map by use of a symbol (e.g., HR(P) for potential hazardous substance release). These areas have been identified to the Fort Ord environmental office for appropriate action.

10) Comment: Page 24, Adjacent or Surrounding Properties. The Report should discuss potential contaminant migration from areas within installation boundaries that could impact the CERFA or CERFA Qualified parcels. Currently, this section only focuses on property adjacent to the borders of the installation. Further, the Army should consider airborne transport and deposition impacts on uncontaminated areas.

Response: Concur. Potential contaminant migration from adjacent parcels within the installation boundaries have been evaluated and will be discussed in more detail in the CERFA report. See also response to EPA comment 4.

To an extent, the Army non-concurs with the comment to consider airborne transport and deposition impacts on uncontaminated areas. Airborne transport of contaminants occurs over a wide area; it is entirely possible that some level of contamination present at Fort Ord is not only from off-site, but also from out-of-state and even out-of-country sources. For example, there is an abundant evidence pollution and radioactive fallout from sources as far away as the Soviet Union have contaminated parts of the U.S. (AEC can provide these references upon request). Additionally, given the absence of a "reportable quantity trigger," even microscopic particles of hazardous substances could arguably disqualify entire installations. While AEC does not believe this has occurred at Fort Ord, we similarly do not believe this is the result Congress intended when it passed CERFA. Programmatically, however, the Army has identified those cases where off-site contamination could clearly pose an airborne hazard to an installation.

11) Comment: Page 25 (Asbestos). The text states "...newer housing areas are not scheduled to be surveyed."

Please state the reason why the newer housing will not be surveyed.

Response: Concur. Newer housing areas were not scheduled to be surveyed since no asbestos containing material was to be used after 1985. Therefore, the presence of asbestos containing material in construction after 1985 should not be an issue. Fort Ord is focusing on surveying earlier constructed (pre-1985) buildings

where the presence of asbestos containing material is possible.

12) Comment: Page 26 - 27, Paragraph 5. The text states "Note: In California transformers with PCB levels between 5 ppm and 49 ppm are considered PCB-Contaminated." Please correct this statement to reflect that California regulates PCBs in quantities greater than 5 ppm.

Response: Concur. The CERFA report will be changed to reflect "California regulates PCBs in concentrations greater than 5 ppm".

13) Comment: Page 27. The text states that "radon analyses for locations with elevated levels are not available."

Please provide this information and if it is not currently available, state when it will be available.

Response: Concur. The CERFA report will include the following statement: "The confirmatory analyses for locations that had exhibited elevated radon concentrations have not been completed." Data are expected by the end of April 1994." (Mark Reese, 3/16/94. This additional information will be included in follow-on site specific Environmental Baseline Surveys (EBS) or updated basewide EBS.

14) Comment: Page 34. The text states "Where parcels overlap, the following hierarchy was imposed: . . .".

Please further explain what is meant by overlapping parcels.

Response: Concur. An overlapping parcel is meant to describe any acre grid which contains one or more CERFA designations (i.e. CERFA Parcel, CERFA Parcel with Qualifier, CERFA Disqualified Parcel). The hierarchy described explains what parcel designation should be used when one or more designations apply. For example when an acre grid contains a building with lead-based paint (CERFA Parcel with Qualifier) and an underground petroleum storage tank (CERFA Disqualified Parcel), the parcel (one acre grid) would be designated as a CERFA Disqualified Parcel. In order to eliminate the confusion, the discussion of overlapping parcels will be rewritten for the final CERFA report. SEE ADL RESPONSE.

15) Comment: Page 36, 5th paragraph. The text states "It should be noted that the available asbestos data did not document the presence or absence of asbestos in every building; several buildings appear to have been omitted from the survey."

Please identify the buildings that were not surveyed and give a

reason for not surveying them.

Response: Concur. This text will be replaced with "all buildings outside the housing areas were evaluated." An asbestos survey is currently underway at the housing areas which are scheduled to be excessed. This survey covers structures built prior to 1985.

16) Comment: Page 62, Parcel 115 Q-A/L(P). The code should include "R" for Radon detected in Buildings 4446 and 4562.

Response: Concur. The statement regarding radon in buildings 4446 and 4562 will be removed. These buildings are correctly reported in Parcel 114.

17) Comment: All Maps. Using a "spectrum" shading to show the "spectrum" of parcel identification could help make interpretation easier (i.e., blank = CERFA; medium shading = Qualified; dark shading = Disqualified.)

Response: Non-concur. Many variations of shading and map manipulations were considered. Although the Army agrees that a "spectrum" shading makes the most sense, using the dark shading for Disqualified Parcels made it difficult to read the underlaying details (marked storage areas, IRP sites etc.). Since the Disqualified sites contain the most underlaying details the dark shading was undesirable. The CERFA Parcels should remain free of shading so that it can be clearly seen that no underlying information is hidden behind a shading. Several colored maps will be available once the CERFA report is finalized. This will assist in distinguishing the various parcel designations.

18) Comment: Enclosures (last map, unidentified). This map should have a title block.

Response: Concur. A title block will be included on this map.

19) Comment: CERFA/CERFA Qualified Parcels. The following parcels are currently identified as CERFA or CERFA Qualified Parcels; however, these parcels are affected by contamination from other sites/parcels. These parcels should be changed to CERFA "Disqualified". The larger parcels identified may not be completely "Disqualified" if the parcels are reconfigured. The configuration and proximity of the larger parcels to contamination sources should be re-evaluated. The affected parcels and contamination sources or suspected sources affecting the CERFA or CERFA Qualified Parcels are identified below:

Response: The response to each specific parcel comment is provided

below.

19a) Comment: Parcels 100, 101, 102, 111, 128, 191, 203, 205, 212, 217 - landfill;

Response: Concur. These parcels will be reevaluated with respect to changes in the groundwater contamination contour and areas will be disqualified if appropriate.

19b) Comment: Parcels 114 and 169 - 4400/4500 Motor Pool;

Response: Non-concur. Parcels 114 and 169 are not within the Motor Pool. There was no evidence of storage, release, or disposal of hazardous substances or petroleum products or their derivatives and therefore should not be disqualified. No threat of impact from adjacent property was identified. Therefore these parcels are not designated as CERFA Disqualified.

19c) Comment: Parcels 203 - Pete's Pond;

Response: Concur. This parcel has been reevaluated with respect to the revised groundwater contamination contour and is now disqualified.

19d) Comment: Parcels 217 - 4400/4500 Motor Pool (discharge from drainage canal)

Response: Concur. Two acres of Parcel 17 which encompasses the canal discharge area has been merged with the adjacent disqualified parcel.

19e) Comment: Map 7, Parcel 221 - Aircraft Runway drainage discharges (west end) . (RWQCB)

Response: The adjacent disqualified area will be expanded to include the aircraft runway drainage discharge area. This would also be consistent will disqualifying the entire IRP site.

20. Table 5-1, Parcel Identification Table and Maps.

20a) Comment: The maps in the Report contain many individual grid squares or small groups of grid squares (1-5 acres) which are not referenced to a specific parcel. All parcels, no matter what size, must be identified on the maps. Table 5-1 should identify the Parcel's coordinate corners or the Parcel's polygon centroid, not any random point of the parcel area. Furthermore, we have found

some map locations listed in Table 5-1 which do not correspond to the identified parcel.

Response: Concur. The CERFA contractor will confirm or perform the following:
*All parcels must be identified with parcel code.
*Table 5.1-1 must identify all parcel locations by centroid point, to the extent possible.
*Cross-check all maps and tables to be sure table and map identifications are accurate.
*Count grid squares on map to provide acreage.

20b) Parcel 4D-HR/MS/PS/PR(P)/A/L(P)/X(P)

20b(1) Comment: Parcel 4 is too large and assembles many dissimilar sites. We suggest additional parcels be established to address the individual sites or similar contamination groups within parcel 4. Sites included in Parcel 4 should be restricted to soil and groundwater contamination related to Operable Unit 2 (OU2) and sites overlying the groundwater contamination plume.

Response: Non-concur. Although AEC agrees that Parcel 4 is large, due to the size of the installation and the intricacies of the mapping process, subdividing Parcel 4 at this point in time would require extensive map, table and text revisions to the CERFA report with little gain (since it is a Disqualified Parcel; CERFA report is to identify "uncontaminated" property). Once reuse parcels are established and site specific Environmental Baseline Studies are required, this parcel will be subdivided accordingly.

20b(2) Comment: Section 6 (91,161) . Table 5-1 identifies "Additional Petroleum Storage" at Wells 11, 18, 19, 21, 22, 23. What type of wells (production or monitoring) are these? In which groundwater aquifer are these wells screened? How do these wells relate to the production wells closed/destroyed in 1988 and 1989 by Fort Ord? Specific information regarding the well closed in 1988 and 1989, is contained in a Report titled "Destruction Record, Fort Ord Water Supply Wells, Fort Ord Landfills, Fort Ord, California," dated March 27, 1989, prepared by Harding Lawson Associates.

The Army should clarify information regarding these wells.

Response: Concur. The wells were mentioned because of fuel storage at these locations (Parcel 4D, Section 6 (91,161). These are "old wells" no longer in service. They were not monitoring wells. Information on when or how they were closed was not available.

20b(3) Comment: Section 6 (80, 162; and 77,161) . The Table

identifies two grid squares in the "Pete's Pond Area". While the two-grid squares are close to the actual Pete's Pond location (74,157), we are concerned that adding the "Pete's Pond Area" identifier in the Table could cause confusion concerning the actual extent and nature of contaminants at Pete's Pond. The identifier should be removed. Pete's Pond was identified as part of Site 16 in Section 4 (77,153) and Section 6 (78, 158). Furthermore, we believe the Site 16 area should be split from Parcel 4 and handled as a separate parcel.

Response: Concur. The two locators (77,161) and (80,162) actually refer to the same location, i.e., the UXO area identified in the Archive Search report. The site was incorrectly located and the correct location should be (79, 160). The change will be made in the table. The reference to Pete's Pond will be changed to "in the vicinity of Pete's Pond" in the parcel description to avoid confusion.

20b(4) Comment: Sections 5 and 6 (86-108, 151-163) and Ground Water (42-109, 150-175). The groundwater plume limits identified for OU2 are incorrect. The contamination plume line is identified in Remedial Investigation/Feasibility Study, Fort Ord Landfills, dated June 8, 1993, by Dames and Moore.

Response: Concur. The groundwater contamination plume will be reevaluated using the June 1993 report and the notations provided by D. Eisen, California RWQCB. Appropriate changes to the CERFA report will be made if necessary.

20b(5) Comment: Sections 3 (45, 166) and 5 (48,168). Plume definition for Sites 2 and 12 needs to be updated to display current data. Maps 3 and 5 must be corrected to match along adjoining map edges.

Response: Concur. Plume definitions will be updated and map checks will be made to make certain the edges of maps 3 and 5 match.

20b(6) Table 5 and Map Section 3, 5, and 6 (Parcel 4)

20b(6)(a) Comment: The Army may want to create smaller parcels to facilitate release as cleanup progresses.

Response: Non-concur. See response to comment 20b(1) above.

20b(6)(b) Comment: The "exclusion zones" (CERFA disqualified areas) associated with the groundwater plumes (Sites 2 and 12 and OU2) should be expanded to ensure adequate protection. This would

result in some CERFA or CERFA Qualified parcels becoming smaller (e.g., Parcel 100) or deleted (e.g., parcels 203 and 204). Rationale used to determine boundary lines should be given.

Response: Concur. The CERFA Disqualified parcel containing the contaminated groundwater plumes will be expanded based on updated data mentioned in previous comments. The disqualified area will include the currently defined groundwater plume but will not include a "buffer zone" for additional protection. Property adjacent to and downgradient of the contaminated groundwater plume may be threatened by the contamination and will be designated appropriately (CERFA Disqualified -possible hazardous release). The rationale for determining boundaries will be stated in the CERFA report.

20b(6)(c) Comment: The trichloroethylene (TCE) plume outline needs to be revised to reflect current data. The plume outlines do not match across the map boundaries. Furthermore, they should be more clearly identified on each map sheet (i.e. the pointer" on Map 3 should be repeated on Map 5). The map legend should show the solid and dashed plume outlines and indicate their meaning.

Response: Concur. The TCE plume outline will be revised appropriately and the boundaries will be checked to ensure that they match across the different sections of the map. A pointer to identify the contamination contour will be provided on all map sections. The legend will include the dashed and solid lines.

20c) Comment: Parcels 15 P, 20 P, and 27 D-HR(P)/X(P), Section 3 (49,133) 23 acres. Why was Parcel 27 differentiated and disqualified? All three parcels (15, 20 and 27) are described similarly in Table 5-1. Furthermore, we cannot locate the 23 acres associated with Parcel 27. Section 3 only identifies 15 acres in Parcel 27, which we assume is the Recoilless Rifle Training Area. The 23 acre portion of Parcel 27 must be identified in Section 3. (RWQCB)

Response: Concur. This comment has been overcome by events. Parcels 15 and 20 are now designated as CERFA Disqualified Parcels since they lie within the boundaries of the IRP Site 3 (Beach Ranges). Parcel 27 is now designated as a CERFA Parcel with Qualifier for potential UXO. The observed areas of undocumented disposal of debris observed at parcels 15, 20 and 27 have no evidence to indicate that hazardous substance had been disposed and therefore does not impact the designations of the parcels.

20d) Comment: Parcel 22 D-HR(P)/A/L(P) - Section 3 (51, 157). We are not aware of a dry well between Buildings 1980 and 2000 possibly used for hazardous water disposal. Furthermore, we are

not aware that the Army and its consultant are evaluating this site. Additional information regarding the dry well must be provided.

Response: Concur. The suspected dry well has been discounted in a recent draft report. The Draft Site 28 Characterization Report (prepared by HLA), dated February 25, 1994 contains a discussion on the alleged dry well. The investigation found the alleged dry well to be a concrete vault (box) approximately 3 feet in depth. There was no evidence of storage or release of hazardous substance or petroleum products and no conduits to the subsurface were observed. Therefore discussion of the dry well in the CERFA report will be deleted.

20e) Comment: Parcels 161 Q-X(P), 162 Q-X(P), 164 Q-X(P). These are examples of parcels which were designated as CERFA Qualified but have potential for containing UXO and explosive wastes. We will not concur that these parcels are CERFA Qualified because of the significant hazards posed by the presence of these substances.

Response: Non-concur. The Army's position is that UXO located in areas where conventional explosive ordnance firing and explosive activities have been conducted, e.g., impact ranges and training ranges, are not hazardous substances or hazardous waste, and thus not subject to CERCLA or the Resource Conservation and Recovery Act (RCRA). See response to EPA comment 11.

20f) Comment: Parcel 194. Please provide information on any storage of pesticides and herbicides at the plant nursery.

Response: Concur. Parcel 194 will be designated as CERFA Disqualified. See response to EPA comment 12.

20g) Comment: Parcel 206. Railroad tracks may impact property designations because of the high probability of hazardous substance releases at these types of sites. Please provide information on the use of the railroad tracks and the types of maintenance activities which took place at this location.

Response: Concur. The portion of parcel 206 which include railroad tracks contained within IRP Site 13 will be disqualified. See response to EPA comment 14.

20h) Comment: Various Maps. UXO areas are not identified consistently. Some are shown as modified squares and others as circles/ellipses (e.g., Maps 8 and 9). If this reflects distribution or type of UXO, it should be explained in the map legend. Rationale used to determine boundary lines should be

given.

Response: Concur. The shape of the UXO areas shown on the CERFA maps corresponds to the shapes indicated in the Archive Search report and the HLA Site 39 report. This will be noted in the CERFA report.

21) Comment: The term "Hazardous Materials Storage" and "Hazardous Materials Release" should be changed to "Hazardous Substances Storage" and "Hazardous Substances Storage" to be consistent with CERFA. These terms should also be used in the text.

Response: Concur. To be consistent with CERFA, "hazardous materials" will be changed to "hazardous substances" throughout the CERFA report.

8 Apr 94

USAEC Response to California Department of Health Services' Comments on the Draft CERFA Report for Fort Ord, Monterey, CA

Note: USEPA Region IX is the lead CERFA regulator for this NPL site.

Response to General Comments (See DHS January 25, 1994 letter for general comments):

Past use, storage, and disposal of radioactive material are an environmental issue at Fort Ord due to the mission of that installation. The Army concurs with the general comment that the CERFA report lacks an adequate discussion of past use, storage and disposal of radioactive material, however, it is not the intent of the CERFA report to detail such discussions but to conduct the CERFA seven step protocol to reach determinations of "uncontaminated" property. Discussions of radiological use, storage, and disposal are contained in several documents including the Installation Assessment Report (February 1983) and the Enhanced Preliminary Assessment Report (December 1990). Review of documents, employee interviews, and visual assessments were performed during these assessments. Nuclear Regulatory Commission licenses are discussed as well.

In order to verify the information documented in previous reports and to confirm that a comprehensive list of use, storage and disposal of radioactive material was evaluated under the CERFA assessment, this Center requested the U.S. Army Environmental Hygiene Agency (USAEHA) conduct a records review of radioactive materials use at CERFA installations. This effort was completed on 25 Mar 94. Information from this review has been incorporated into the final version of the CERFA report. In addition, a radiological survey at Fort Ord is currently underway. Details of this survey are provided in Appendix D of the final version of the CERFA report.

This CERFA report will be provided to the Radiation Protection Officer at Fort Ord. Future preparations of CERFA reports (for other installations) and updates to this CERFA report in the form of the more detailed Site Specific Environmental Baseline Surveys (where required) will be provided to appropriate radioactive material experts for review.

Although some work has been done regarding radiological issues, more is underway. The Army will work with your concerns throughout the base closure process to make sure they are adequately addressed.

Specific details on the presence of radiological equipment

and levels of radioactive material may be obtained through the installation (with USAEHA input through the installation if necessary). It is important to point out that Public Law 102-426 only required the Army to delineate that portion of Fort Ord which was "uncontaminated". As such, extensive information about contamination was purposefully excluded from the CERFA reports prepared by the Army as this information is, in general superfluous to the requirements of the CERFA Law. The threat of contaminated areas migrating onto "uncontaminated" parcels was evaluated. Additional efforts were conducted to ensure that all data available on known storage, release, or disposal of radioactive material was reviewed and included in the final version of the CERFA report.

The records review conducted by USAEHA in support of CERFA provided valuable information on storage of radioactive material. Release and disposal of radiological material will be better defined once the current radiological survey is complete at Fort Ord. In addition, sampling and analysis will be conducted where necessary as a result of the ongoing survey and in support of radiological close-out surveys once buildings are vacated. Buildings and areas where radiological issues are a concern are being evaluated under the current radiological survey and are listed in Appendix D of the CERFA report.

For CERFA purposes, the parcel designations for radiological issues have been included in the Definition of Terms (Sec 1.2) and is also discussed in Section 4.4 of the CERFA report.

Only limited sampling and analysis for radiological material has been performed to date. Additional efforts will be conducted and appropriate actions will be taken to assess impacts to the CERFA report conclusions when data is available. Generally where release, or disposal of radiological material is a potential issue, areas are designated as CERFA Disqualified Parcels due to release or disposal of CERCLA hazardous materials or petroleum products or their derivatives. Disposal sites of any kind at Fort Ord are investigated as an Installation Restoration Program (IRP) site and therefore have been designated as CERFA Disqualified Parcels under the CERFA assessment.

5 Mar 94

USAEC Response to Monterey County Department of Health Comments on the Draft CERFA Report for Fort Ord, Monterey, California

Note: USEPA IX is the lead CERFA regulator for this NPL site

Comment 1: Page 11, RCRA-D Landfills. The Monterey Peninsula Sanitary Landfill (Monterey Regional Waste Management District) and the Parkfill Disposal Site, have never intentionally accepted hazardous materials during operation. This should be corrected.

Response: Concur. The text in the CERFA report will be changed to reflect this comment.

Comment 2: Page 12, State Hazardous Waste Sites and Landfills. What eight active hazardous waste cleanup sites and landfills in Salinas, Marina, and Monterey are you referring to? This should be clarified.

Response: The CERFA contractor will obtain the specific addresses for these sites to the extent the information can be retrieved from the data base consultant. This information will be provided in the CERFA report.