

MARINE CORPS AIR STATION EL TORO, CALIFORNIA

Base Realignment and Closure (BRAC) Cleanup Plan

21 March 1994

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Executive Summary

Introduction

The U. S. Department of the Navy (DON) is planning the closure and disposal of Marine Corps Air Station (MCAS) El Toro by July 1999, in accordance with the Base Closure and Realignment Act of 1993 (BRAC). The DON has organized a BRAC Cleanup Team (BCT) to manage and coordinate closure activities and to prepare a BRAC Cleanup Plan (BCP). The BCP describes the status of, management and response strategies for, and action items related to the environmental restoration and compliance programs at MCAS El Toro. These programs support the base property disposal and reuse, considering the following regulatory mechanisms:

- o BRAC
- o National Environmental Policy Act (NEPA)
- o Resource Conservation and Recovery Act (RCRA)
- o Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA), and the Community Environmental Response Facilitation Act (CERFA)
- o California Environmental Quality Act (CEQA)

The BCP is a planning document, therefore, the information and assumptions presented may not necessarily have complete approval from the federal and state regulatory agencies. The BCP is a dynamic document that will be updated

Executive Summary

regularly to reflect the current status of remedial actions, and the changes in strategies or plans that affect the ultimate restoration and disposal of MCAS El Toro property. Comments from various sources, including major claimants, naval activities, and federal and state regulatory agencies, will be evaluated and considered for inclusion into updates of this BCP. This document represents information available as of 21 March 1994.

Status of Disposal, Reuse, and Interim Lease Process

As part of base closure, the following four key documents will be prepared:

- o Community Reuse Plan
- o California Environmental Impact Report
- o Specific Plan for Zoning
- o Federal Environmental Impact Statement

Work on these documents is expected to be initiated in 1994.

Status of Environmental Restoration Program

Twenty-four sites have been identified under the Installation Restoration Program (IRP) at MCAS El Toro. Three operable units (OUs) have been established for the IRP sites as follows: OU-1 is the regional groundwater investigation, OU-2 includes sites that are considered to be the potential Volatile Organic Compound (VOC) source areas, and OU-3 includes all of the remaining sites. At this time, a Phase I Remedial Investigation (RI) has been completed for the IRP. OU-1 is currently in the Feasibility Study (FS) stage, and an interim Record of Decision (ROD) for OU-1 is expected to be completed in the first part of 1995. A Phase II RI will be initiated later this year for OU-2 and OU-3.

Executive Summary

A RCRA Facility Assessment (RFA) was performed at the Station between 1991 and 1993. Over 300 Solid Waste Management Units/Areas of Concern (SWMUs/AOCs) were identified in this program; of these, 140 were included in a sampling effort. One of the objectives of the RFA was to identify sites for possible inclusion into an OU-4 of the IRP. Although various SWMUs/AOCs were recommended for further action, none of these was proposed for inclusion into OU-4. At this time, there are no sites in OU-4 for MCAS El Toro.

The Navy considers the RFA to be complete. SWMUs/AOCs where further investigation is recommended are proposed for evaluation in a state program.

Key Restoration and Transferability Strategies and Schedules

Options and strategies for transfer of property are being evaluated with consideration being given to the mission requirements and the federal regulations, including the McKinney Act, public benefit conveyance, and negotiated sale. Options for interim leases are also being evaluated in addition to transfer by deed. A comprehensive strategy for MCAS El Toro property disposal will be formalized by late 1994/early 1995 after a thorough review of the federal requirements and the reuse plan.

Summary of Current BCP Action Items

Table ES-1 provides a listing of recommendations and issues associated with the environmental restoration and compliance that require further evaluation and action by the BCT. The list covers key items identified during the course of the BCP preparation and includes the BCT activities relating to the base closure.

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Table ES-1 BCT/Project Team Action Items MCAS El Toro BCP		
Action Items	Status	
	In Progress	To Be Performed
COMPLIANCE ACTIVITIES		
UST Removal/Compliance		
- Develop a Tank Monitoring Plan (TMP)		X
- Bring active USTs into compliance with current regulations	X	
- Remove inactive USTs prior to 1999	X	
- Remove active USTs after 1999		X
RCRA Facilities		
- Conduct recommended remedial action in a state program		X
Oil/Water Separators (OWSs)		
- Remove inactive OWSs		X
- Evaluate active OWSs for removal after 1999		X
PCBs		
- Evaluate past storage areas of PCB transformers		X
- Remove remaining PCB-containing equipment		X
Hazardous Waste Management		
- Maintain current compliance program	X	
- Close permitted storage facility (Building 673 -T3) after 1999		X
Wastewater Discharges		
- Maintain compliance with NPDES Permit	X	
Air Emissions		
- Prepare RECLAIM permit application	X	
- Maintain current compliance program	X	
- Close out permitted units after 1999		X
- Comply with air regulations when implementing remedial actions		X
Lead-Based Paint		
- Conduct Station-wide survey	X	
Asbestos		
- Perform additional asbestos surveys as required		X
Radon		
- Evaluate previous radon survey and need for any further survey		X
Cleanup Standards		
- Develop cleanup standards for various media		X
Conceptual Models		
- Update conceptual site models		X

Table ES-1 BCT/Project Team Action Items MCAS El Toro BCP		
Action Items	Status	
	In Progress	To Be Performed
Risk Assessments		
- Update risk assessment		X
Early Action Items		
- Identify opportunities	X	
- Implement opportunities		X
CERCLA 120(h)(3) CONSIDERATIONS		
- Develop a comprehensive Environmental Baseline Survey (EBS)		X
- Develop an inventory of sites recommended for no further action	X	
COMMUNITY RELATIONS		
- Update the community relations plan as required	X	
- Maintain and update the mailing list	X	
- Maintain the information in the repository	X	
- Update the administrative record quarterly	X	
- Publish updated fact sheets	X	
- Publish public notices as needed	X	
MANAGEMENT AND ADMINISTRATIVE SUPPORT ACTIVITIES		
Data Management		
- Update and maintain Geographic Information System	X	
- Update and maintain database of analytical results from environmental sampling programs	X	

List of Acronyms

ACER	Aircraft Expeditionary Refueling
ACM	asbestos-containing materials
AIRHAS	Airborne Hazardous Substances
AOC	Area of Concern
AQMP	Air Quality Management Plan
ARAR	Applicable or Relevant and Appropriate Requirement
AST	aboveground storage tank
BCP	BRAC Cleanup Plan
BCT	BRAC Cleanup Team
BEC	BRAC Environmental Coordinator
BFI	Browning Ferris Industries
BMP	Best Management Practice
BRAC	Base Realignment and Closure
CAA	Clean Air Act
Cal-EPA	California Environmental Protection Agency
CCR	California Code of Regulations
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CERFA	Community Environmental Response Facilitation Act
CLEAN	Comprehensive Long-term Environmental Action Navy
CNDDB	California Natural Diversity Data Base
COE	U.S. Army Corps of Engineers
CRP	Community Relations Plan
CTO	Contract Task Order
DoD	Department of Defense
DoJ	Department of Justice
DON	Department of the Navy
DRMO	Defense Reutilization Marketing Organization
DTSC	Department of Toxic Substances Control
EBS	Environmental Baseline Survey
EIS	Environmental Impact Statement
EO	Environmental Office
EOD	explosive ordnance disposal
EPA	U.S. Environmental Protection Agency
ETRPA	El Toro Reuse Planning Authority
FDS	Federal Disposal Services
FFA	Federal Facilities Agreement
FMD	Facilities Management Department

FMF ft/day	Fleet Marine Force feet per day
GIS	Geographical Information System
HUD	U.S. Department of Housing and Urban Development
IRP IRPM IRWD	Installation Restoration Program Installation Restoration Project Manager Irvine Ranch Water District
JEG JMM	Jacobs Engineering Group Inc. James M. Montgomery Engineers
LBP LOC LUFT	lead-based paint location of concern Leaking Underground Fuel Tank
MCAS mg\L MOU MWR	Marine Corps Air Station milligrams per liter memorandum of understanding Morale, Welfare, and Recreation Office
NAVRAMP NCP NEESA NFESC NEPA NFRAP NPDES NPWC NPL	Navy Radon Assessment and Mitigation Program National Contingency Plan Naval Energy and Environmental Support Agency Naval Facilities Engineering Services Center National Environmental Policy Act no further response action planned National Pollution Discharge Elimination System Navy Public Works Center National Priorities List
OCHCA OCWD OU OWSs	Orange County Health Care Agency Orange County Water District Operable Unit oil/water separators
PBR PCB pCi/L POL ppm PRP	Permit by Rule Polychlorinated Biphenyl picocuries per liter petroleum, oils, and lubricants parts per million Potentially Responsible Party
QA/QC QAPP	Quality Assurance/Quality Control Quality Assurance Project Plan

RA	Remedial Action
RAB	Remedial Advisory Board
RACER/ENVEST	Remedial Action Cost Engineering and Requirements/Environmental Cost Engineering
RCRA	Resource Conservation and Recovery Act
RECLAIM	Regional Clean Air Initiatives Market
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RWQCB	Regional Water Quality Control Board
SAA	satellite accumulation area
SARA	Superfund Amendments and Reauthorization Act
SCAQMD	South Coast Air Quality Management District
SV	sampling visit
SVE	Soil Vapor Extraction
SVOC	Semivolatile Organic Compound
SWDIV	Southwest Division, Naval Facilities Engineering Command
SWMU	Solid Waste Management Unit
TAFDS	tactical airfield fuel dispensing systems
TAG	Technical Assistance Grant
TDS	total dissolved solids
TMP	Tank Management Plan
TRC	Technical Review Committee
TSCA	Toxic Substances Control Act
USFWS	U.S. Fish and Wildlife Service
USMC	United States Marine Corps
USMCR	USMC Reserve
UST	underground storage tank
VOC	Volatile Organic Compound
VSI	visual site inspection
WW II	World War II

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Table of Contents

	Page
1.0	INTRODUCTION AND SUMMARY 1-1
1.1	Environmental Response Objectives 1-4
1.2	BCP Purpose, Updates, and Distribution 1-5
1.3	BRAC Cleanup Team/Project Team 1-6
1.4	Brief History of Installation 1-6
1.4.1	Site Location 1-6
1.4.2	Site History 1-7
1.4.3	Environmental Setting 1-11
1.5	Off-Base Property/Tenants 1-17
2.0	PROPERTY DISPOSAL AND REUSE PLAN 2-1
2.1	Status of Disposal Planning Process 2-1
2.2	Relationship to Environmental Programs 2-4
2.3	Property Transfer Methods 2-5
2.3.1	Federal Transfer of Property 2-5
2.3.2	No-cost Public Benefit Conveyance 2-6
2.3.3	Negotiated Sale 2-7
2.3.4	Widening of Public Highways 2-7
2.3.5	Donated Property 2-7
2.3.6	Interim Leases 2-7
2.3.7	Competitive Public Sale 2-8
3.0	INSTALLATION-WIDE ENVIRONMENTAL PROGRAM STATUS
3.1	Environmental Program Status 3-1
3.1.1	Restoration Sites 3-1
3.1.2	Installation-Wide Source Discovery and Assessment Status 3-5
3.2	Compliance Program Status 3-5
3.2.1	Storage Tanks 3-6
3.2.2	Hazardous Materials/Waste Management 3-10

Table of Contents

	Page
3.2.3	Solid Waste Management 3-11
3.2.4	Polychlorinated Biphenyls (PCBs) 3-12
3.2.5	Asbestos 3-16
3.2.6	Radon 3-17
3.2.7	RCRA Facilities (SWMUs) 3-18
3.2.8	NPDES Permits 3-21
3.2.9	Oil/Water Separators 3-22
3.2.10	Silver Recovery Units 3-24
3.2.11	Lead-Based 3-24
3.2.12	Air Emissions 3-25
3.3	Status of Natural and Cultural Resources 3-26
3.3.1	Ecological Resources 3-27
3.3.2	Wetlands 3-27
3.3.3	Floodplains 3-28
3.3.4	Archaeological Resources 3-28
3.3.5	Historic Structures 3-29
3.3.6	Paleontological Resources 3-30
3.4	Environmental Condition of Property 3-30
3.4.1	BCP Area Type 1 (Areas Where No Storage, Release, or Disposal has Occurred) 3-32
3.4.2	BCP Area Type 2 (Areas Where Only Storage has Occurred) 3-32
3.4.3	BCP Area Type 3 (Areas Where Storage, Release, Disposal, and/or Migration has Occurred, but Require No Remedial Action) 3-33

 Table of Contents

	Page
3.4.4 BCP Area Type 4 (Areas Where Storage, Release, Disposal, and/or Migration has Occurred, and All Remedial Actions Have Been Taken)	3-33
3.4.5 BCP Area Type 5 (Areas Where Storage, Release, Disposal, and/or Migration has Occurred, and Action is Underway, but Not Final)	3-33
3.4.6 BCP Area Type 6 (Areas Where Storage, Release, Disposal, and/or Migration has Occurred, but Required Response Actions Have Not Been Taken)	3-34
3.4.7 BCP Area Type 7 (Unevaluated Areas or Areas Requiring Additional Evaluation)	3-34
3.4.8 Suitability of Installation Property for Transfer by Deed	3-35
3.5 Status of Community Involvement	3-35
4.0 INSTALLATION-WIDE STRATEGY FOR ENVIRONMENTAL RESTORATION	4-1
4.1 Zone/Operable Unit Designation and Strategy	4-1
4.1.1 Zone Designations	4-1
4.1.2 Operable Unit Designations	4-3
4.1.3 Sequence of Operable Units	4-4

 Table of Contents

	Page
4.1.4	Early Actions Strategy 4-4
4.1.5	Remedy Selection Approach 4-5
4.1.6	Installation-Wide Source Discovery and Assessment Strategy 4-5
4.2	Compliance Strategy 4-6
4.2.1	Storage Tanks 4-6
4.2.2	Hazardous Materials/Waste Management 4-17
4.2.3	Solid Waste Management 4-17
4.2.4	Polychlorinated Biphenyl (PCBs) 4-18
4.2.5	Asbestos 4-19
4.2.6	Radon 4-19
4.2.7	RCRA Facilities (SWMUs) 4-20
4.2.8	NPDES Permits 4-21
4.2.9	Oil/Water Separators 4-21
4.2.10	Lead-Based Paint 4-22
4.2.11	Air Emissions 4-22
4.3	Natural and Cultural Resources Strategy(ies) 4-22
4.4	Community Involvement/Strategy 4-24
5.0	ENVIRONMENTAL MASTER SCHEDULES 5-1
5.1	Environmental Restoration Program 5-2
5.1.1	Response Schedules 5-2
5.1.2	Requirements by Fiscal Year 5-3
5.2	Compliance Programs 5-3
5.2.1	Master Compliance Schedules 5-3
5.2.2	Requirements by Fiscal Year 5-4
5.3	Natural and Cultural Resources 5-4
5.3.1	Natural and Cultural Resources Schedule(s) 5-4
5.3.2	Requirements by Fiscal Year 5-5
5.4	Meeting Schedule 5-5

Table of Contents

		Page
5.5	Evaluation Model for MCAS El Toro	5-5
5.5.1	Preparation of a Computerized Map of the Station	5-6
5.5.2	Preparation of Cost Estimates for Closing LOCs .	5-6
5.5.3	Set Up a Database (Data Staging Area) for Manipulating RACER/ENVEST Costs	5-8
5.5.4	Development of a Master Schedule	5-9
5.5.5	Flexibility for Evaluation of Parcels	5-10
6.0	TECHNICAL AND OTHER ISSUES TO BE RESOLVED	6-1
6.1	Data Usability	6-1
6.2	Information Management	6-1
6.2.1	BRAC Cleanup Team Action Items	6-2
6.2.2	Rationale	6-3
6.2.3	Status/Strategy	6-3
6.3	Data Gaps	6-3
6.4	Background Levels	6-4
6.4.1	BRAC Cleanup Team Action Items	6-5
6.4.2	Rationale	6-6
6.4.3	Status/Strategy	6-6
6.5	Risk Assessments	6-6
6.5.1	BRAC Cleanup Team Action Items	6-6
6.5.2	Rationale	6-6
6.5.3	Status/Strategy	6-7
6.6	Base-Wide Remedial Action Strategy	6-7
6.7	Interim Monitoring of Groundwater and Surface Water	6-8
6.8	Excavation of Contaminated Materials	6-8
6.9	Protocols for Remedial Design Reviews	6-8
6.10	Conceptual Models	6-9
6.10.1	BRAC Cleanup Team Action Items	6-9
6.10.2	Rationale	6-9

Table of Contents

	Page
6.10.3	Status/Strategy 6-9
6.11	Cleanup Standards 6-9
6.12	Initiatives for Accelerating Cleanup 6-10
6.13	Remedial Actions 6-10
6.14	Review of Selected Technologies for Application of Expedited Solutions 6-11
6.15	Hot Spot Removals 6-11
6.16	Identification of Clean Properties 6-11
6.16.1	BRAC Cleanup Team Action Items 6-12
6.16.2	Rationale 6-12
6.16.3	Status/Strategy 6-12
6.17	Overlapping Phases of the Cleanup Process 6-12
6.18	Improved Contracting Procedures 6-12
6.19	Interfacing with the Community Reuse Plan 6-13
6.20	Bias for Cleanup Instead of Studies 6-13
6.21	Expert Input on Contamination and Potential Remedial Actions 6-13
6.22	Presumptive Remedies 6-14
6.23	Partnering (Using Innovative Management, Coordination, and Communication Techniques) 6-14
6.24	Updating the EBS and Natural/Cultural Resources Documentation 6-14
6.25	Implementing the Policy for Onsite Decisionmaking 6-15

APPENDICES

Appendix A	Fiscal Year Funding Requirements/Costs A-1
Appendix B	Installation Environmental Restoration Documents Summary Tables B-1
Appendix C	Decision Document/ROD Summaries C-1

Table of Contents

	Page
Appendix D	No Further Response Action Planned (NFRAP) Summaries . . . D-1
Appendix E	Conceptual Site Models E-1
Appendix F	Aerial Photograph Reviews/Adjacent Properties Reviews . . . F-1

TABLES

ES-1	BCT/Project Team Action Items
1-1	Current BCT/Project Team Members
1-2	History of Installation Operations Hazardous Waste Generating Activities
1-4	On-Base Tenant Unit
1-5	Property Acquisition Summary
1-6	Off-Base Properties
2-1	Reuse Parcel Data Summary
2-2	Existing Legal Agreements/Interim Leases
3-1	Site Summary
3-2	Preliminary Location Summary
3-3	Early Action Status
3-4	Mission/Operational-Related Compliance Projects
3-5	Closure-Related Compliance Projects
3-6	Compliance Early Action Status
3-7	Underground Storage Tank Inventory
3-8	Aboveground Storage Tank Inventory
3-9	Satellite Accumulation Area Inventory
3-10	Hazardous Materials Storage at RCRA-Permitted Building 673-T3
3-11	PCB Transformer Inventory
3-12	Non-Transformer PCB Equipment
3-13	Condition of Buildings
3-14	Buildings with Known Asbestos

Table of Contents

- 3-15 Summary of SWMUs/AOCs
- 3-16 Oil/Water Separator Inventory
- 3-17 Special-Status Wildlife Species at MCAS El Toro

- 4-1a Relationship Between IRP Sites, OUs, and Parcels
- 4-1b Cleanup Sequence
- 4-2 Environmental Restoration Planned Early Actions
- 4-3 Environmental Compliance Planned Early Actions

- 5-1 Project Team Meeting Schedule

- 6-1 Future Land Use Risk Assessment for Development of Remedy Selections
- 6-2 Human Health Standards
- 6-3 Surface Water Standards

FIGURES

- 1-1 MCAS El Toro Location Map
- 1-2 Location of Past Hazardous Substance Activities
- 1-3 Existing Off-Base Land Use
- 1-4 History of Land Acquisitions
- 1-5 Off-Base Parcels (Obstruction Lighthouses)

- 2-1 Potential Disposal and Reuse Parcels

- 3-1 Sites, Zones, and OUs Currently Under Investigation
- 3-2a Key to UST Location Maps
- 3-2b UST Location Map
- 3-2c UST Location Map

Table of Contents

- 3-2d UST Location Map
- 3-2e UST Location Map
- 3-3 Natural and Cultural Resources Features
- 3-4 Environmental Condition of Property

- 5-1A Master Program Schedule, Installation Restoration Program
(Approved FFA)
- 5-1B Master Program Schedule, Installation Restoration Program
(Current FFA)
- 5-1C Master Program Schedule, Installation Restoration Program
(Unconstrained)
- 5-1D Master Program Schedule, Installation Restoration Program
(Constrained)
- 5-2 Master Program Schedule, Mission-Related Compliance
- 5-3 Master Program Schedule, Closure-Related Compliance
- 5-4 Master Program Schedule, Natural/Cultural Resources Activity

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Chapter 1

Introduction and Summary

This document presents the Base Realignment and Closure (BRAC) Cleanup Plan (BCP) for Marine Corps Air Station (MCAS) El Toro (or Station). This report was prepared in partial fulfillment of Contract Task Order (CTO) No. 284 issued by the Southwest Division, Naval Facilities Engineering Command (SWDIV) under the Comprehensive Long-term Environmental Action Navy (CLEAN) Program.

In March 1993, MCAS El Toro was placed on the proposed BRAC III list of military facilities considered for base closure. MCAS El Toro was formally selected for closure in September 1993. Closure of MCAS El Toro is planned to be complete by 1999.

As a result of past waste management practices at MCAS El Toro, some areas are known or suspected to have become affected by various hazardous substances, pollutants, contaminants, or wastes. In response to these conditions, a number of environmental restoration programs have been performed and/or are ongoing at the Station. In addition, the Station has compliance programs in place intended to ensure that waste and resource management practices are conducted in a manner that protects human health and the environment.

The BCP summarizes the current status of MCAS El Toro's environmental restoration and compliance programs and provides a comprehensive strategy for implementing response actions necessary to protect human health and the environment. This strategy integrates activities being performed under both the Installation Restoration Program (IRP) and the associated environmental compliance programs to support full restoration of the Station.

This version of the BCP was prepared with information available as of March 1994. The BCP is a dynamic planning document that will be updated on a reg-

ular basis. As such, information, schedules, and remedial actions (RAs) presented in this document are subject to change. Because some of the currently available information is incomplete, certain assumptions and interpretations were made to develop strategies and cost estimates for future environmental work. As additional information becomes available, programs, schedules, and costs will change. The BCP will be updated to reflect changes that occur.

This BCP has been organized and prepared according to guidance presented in the *BRAC Cleanup Plan (BCP) Guidebook (DoD, 1993) developed by DoD* dated Fall 1993. The document is organized as follows:

Section 1.0 discusses the objectives of the environmental restoration program, the purpose of the BCP, the BRAC Project Team (Project Team), and the history of MCAS El Toro.

Section 2.0 provides a summary of the current status of the property disposal planning process for MCAS El Toro and describes the relationship of the disposal process with other environmental programs.

Section 3.0 summarizes the past history and current status of the IRP and environmental compliance programs at MCAS El Toro. This section also presents the environmental condition of property at the Station; an Environmental Baseline Survey (EBS) is currently being prepared for MCAS El Toro. The status of natural and cultural resources and the community relations activities that have occurred to date, are also discussed.

Section 4.0 describes the Station-wide environmental restoration and compliance program strategy for MCAS El Toro. This section includes discussions of current plans for remedial activities and other responses associated with the IRP sites

and compliance program issues. This section also addresses the strategies for the Station's natural and cultural resources and public relations.

Section 5.0 provides master schedules of planned and anticipated activities to be performed throughout the duration of the MCAS El Toro environmental restoration program.

Section 6.0 presents discussions of specific technical and other issues associated with the environmental restoration that are yet to be resolved, and provides strategies for resolving these issues.

In addition to the main text of this document, the following appendices are included:

- o Appendix A - Tabular summaries of funding requirements and past costs for the environmental restoration program.
- o Appendix B - Listings of previous environmental restoration program deliverables by program and by site.
- o Appendix C - Summaries of decision documents for remedial action selections for IRP sites. Currently, none exist for MCAS El Toro.
- o Appendix D - Summaries of decision documents for no further response action planned (NFRAP) decisions for IRP sites. Currently, none exist for MCAS El Toro.
- o Appendix E - Conceptual site models for IRP sites.

- o Appendix F - Summaries of Aerial Photograph Survey Information and Environmental Condition of Adjacent Properties.

1.1 ENVIRONMENTAL RESPONSE OBJECTIVES

The objectives of the environmental restoration program for MCAS El Toro include the following:

- o Expedite and improve environmental response actions in order to facilitate the disposal and reuse of MCAS El Toro
- o Protect human health and the environment
- o Comply with existing federal, state, and local statutes and regulations
- o Conduct IRP activities in a manner consistent with Section 120 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA)
- o Meet the provisions of the Federal Facilities Agreement (FFA)
- o Continue efforts to identify potential contaminated areas
- o Establish priorities for environmental restoration and restoration-related compliance activities (so that property disposal and reuse goals can be met)

- o Design schedules and estimate costs for performing remedial activities for IR sites and compliance program issues
- o Identify and map areas suitable for transfer by deed/lease and areas unsuitable for transfer by deed

1.2 BCP PURPOSE, UPDATES, AND DISTRIBUTION

The purpose of the BCP is to summarize the status of MCAS El Toro's environmental restoration and compliance programs and to provide a comprehensive strategy for addressing environmental restoration and restoration-related compliance activities. The BCP provides schedules of restoration activities in support of Station closure. In addition, it defines the status of efforts to resolve technical issues so that continued progress and implementation of scheduled activities can occur.

The BCP will be updated and modified regularly to reflect status, strategy, and schedule changes, as well as issue resolution. It is anticipated that the BCP will be updated semiannually. The frequency of updates will be determined by the BRAC Cleanup Team (BCT) and Marine Corps policy.

The BCP document and subsequent update materials will be distributed to the BCT and identified interested parties. Updated BCP documents will also be kept at the MCAS El Toro repository locations. Currently, two repositories for MCAS El Toro restoration information have been designated: Heritage Park Public Library located in Irvine, California and MCAS El Toro Library located on-Station. An additional off-Station repository may be identified when the Station is closed.

1.3 BRAC CLEANUP TEAM/PROJECT TEAM

The MCAS El Toro BCT was established in October 1993. The responsibilities of the BCT include management of the BCP process and preparation of MCAS El Toro's BCP. The BCT will also serve as the decisionmaking body for the efforts of the Project Team. Members of the BCT include representatives from the Navy, U.S. Environmental Protection Agency (EPA), and California Environmental Protection Agency (Cal-EPA), Department of Toxic Substances Control (DTSC). The Navy representative will serve as the BRAC Environmental Coordinator (BEC).

The BCT is supported by the Project Team, which is comprised of individuals capable of providing technical, operational, reuse, and administrative assistance. Table 1-1 (Current BCT/Project Team Members) identifies the BCT and Project Team members, along with their roles and responsibilities.

1.4 BRIEF HISTORY OF INSTALLATION

The following sections present a summary of the background, site history, and environmental setting for MCAS El Toro. Included is information on activities that may have contributed to environmental contamination at the Station.

1.4.1 Site Location

MCAS El Toro is located in Orange County, California, about 3.5 miles east of MCAS Tustin and 12 miles inland (north-northeast) of the coastal City of Laguna Beach, as shown in Figure 1-1 (MCAS El Toro Location

Map). MCAS El Toro is bordered on the north, south, and west by the City of Irvine and on the east by the City of Lake Forest. The exact location of MCAS El Toro is 33° 38' to 33° 41' north latitude, 117° 41' to 117° 45' west longitude, Township 6 South, Range 6 West (T6S/R6W) (Sections 2-5, 7-11, 16-17, 20-21) and T5S/R8W (Sections 32-33, 35).

MCAS El Toro encompasses approximately 4,738 acres (about 7.4 square miles). Approximately 1,100 acres of Station property are currently designated for agricultural outleases. Agricultural outleased lands are located at corners of the Station and are used for plant nurseries, livestock grazing, and crop production. Crops grown on-Station include strawberries, winter celery, tomatoes, avocados, and oranges (MCAS El Toro, 1991).

1.4.2 Site History

Construction of a United States Marine Corps (USMC) pilots' fleet operational training facility began in July 1942 on 2,319 acres in Orange County, California. On 17 March 1943, that facility was commissioned as MCAS El Toro. In 1950, the Station was selected for development as a master jet air station and permanent center for Marine aviation on the West Coast to support the operations and combat readiness of Fleet Marine Forces, Pacific. Between 1944 and 1986, an additional 2,419 acres of land were acquired to bring the Station to its current size of 4,738 acres.

The mission of MCAS El Toro has been to maintain and operate facilities and to provide services and material to support the operation of aviation

activities and the units of the operating forces of the USMC. MCAS El Toro also provides support for other activities designated by the Commandant of the Marine Corps, in coordination with the Chief of Naval Operations.

A history of operations at the Station is provided in Table 1-2 (History of Installation Operations). This table also provides a summary of historic hazardous substance activities at the Station. The locations of these activities are shown in Figure 1-2 (Location of Past Hazardous Substance Activities).

The mission of MCAS El Toro has involved the operation and lower echelon maintenance of a relatively large number of military aircraft and ground support equipment. An inventory of hazardous wastes generated at the Station during 1993 is provided in Table 1-4 (Hazardous Waste Generating Activities). The generation of hazardous wastes is a result of operations at various locations throughout the Station, as listed below.

- o Aircraft maintenance hangars
- o Maintenance shops for automobiles, aircraft ground support equipment, vehicle equipment, and construction equipment
- o Auto hobby shop and Marine Corps Exchange auto repair station
- o Washracks and steam-cleaning facilities
- o Hazardous, flammable, and unused chemical materials storage areas

- o Aircraft fueling stations, tactical airfield fuel dispensing systems (TAFDS), and fuel farms

Hazardous wastes typically generated from aircraft and vehicle maintenance, degreasing processes, and painting include: waste oil, fuels, hydraulic fluid, lube oil, antifreeze, cleaning solvents, paints, paint stripper, paint thinner, batteries, and contaminated rags and absorbents.

Hazardous waste is also generated at the fuel storage areas when fuel storage tanks are cleaned and sludge is pumped out, or when fueling/defueling or loading/unloading operations result in spills.

Wash water from washracks is passed through oil/water separators(OWSs). The effluent water is discharged to the sanitary sewer or the storm drain, and the waste oil is handled as hazardous waste. OWSs are located at various buildings throughout the Station.

Previous operations that are no longer in existence at MCAS El Toro, but that were or may have been significant in past waste generation and disposal procedures, include the following:

- o For approximately 6 months during the 1940s, aircraft refurbishing operations were conducted in the southwest portion of the Station, and were centered in Buildings 296, 297, and 324. Refurbishing operations consisted of cleaning and plating activities that may have included the use of solvent materials (the types of materials used in the tanks is unknown). Wastewater from these operations was discharged to currently abandoned industrial wastewater sewer lines and treated at the former

- Industrial Wastewater Treatment Plant. Based on aerial photographs, this plant was present in the 1940s and was demolished by 1965.
- o Sewage was treated at a plant that was constructed in 1943, abandoned in 1972, and demolished in the late 1970s.
 - o Incineration was performed at a facility that was operated between 1943 and 1955 to burn municipal-type waste generated by Station housing and other activities. The purpose of the incinerator was to reduce waste volume. Ash from the incinerator was disposed of in the Original Landfill.
 - o Solid waste was disposed at four landfills on-Station. The Original Landfill (Remedial Investigation/Feasibility Study [RI/FS] Site 3) was operated from 1943 to 1955 and received wastes including municipal solid waste, paint residues, oily wastes, and industrial solvents ash from an incinerator formerly located adjacent to the landfill was also disposed of at this site. Perimeter Road Landfill (RI/FS Site 5) was operated from 1955 to the late 1960s and received municipal solid waste, unspecified fuels, solvents and cleaning fluids, scrap metals, paint residues, and unspecified oily wastes. Solid wastes were burned in-place at the Perimeter Road Landfill for volume reduction. After open burning at the Station was discontinued in the late 1960s, garbage was transported to Magazine Road Landfill (RI/FS Site 2), where it was landfilled through 1980. Materials landfilled at this site included municipal solid wastes, unspecified industrial

wastes, lead batteries, transformers, various petroleum wastes, and industrial solvents.

- o Two burn pit areas were operated for fire training exercises. Crash Crew Pit No. 1 (RI/FS Site 9), located in the southwest portion of the Station, was operated from 1965 through 1971. Crash Crew Pit No. 2 (RI/FS Site 16) is located near the center of the Station and was operated from 1972 to about 1975. The sites consisted of unlined pits that were filled with water and layered with various flammable liquids including JP-5 fuel, aviation gasoline, and other waste liquids. A third lined burn pit area is currently operational.

- o Pesticides/herbicides have historically been used at the Station to control rodents and weeds. The Pest and Weed Shop is responsible for pest and weed control at the Station. Chemicals used in the past include Thurshan, Diazonon, Chlordan, Crovar, Malathion, Kelthane, Strychnine, DDT, and Retard-X. Pesticide storage, both past and present, has been in designated storage areas in Building 463. Pesticides have also been stored at the Golf Course in Building 1687 and, prior to 1959, in the area now occupied by Building 464.

1.4.3 Environmental Setting

Climate. The climate at MCAS El Toro is a typical Mediterranean climate, which is characterized by cool, moist winters and warm, dry summers. Temperatures in the winter seldom drop below 37°F. Summer

temperatures rarely exceed 100°F. Average annual precipitation is about 12 inches and occurs primarily in the winter.

Early morning light fog and low clouds are common in the late spring and early summer. Dry winds, known as *Santa Ana Winds*, with velocities up to 70 miles per hour, occur for short periods during the late fall and early winter (Brown and Caldwell, 1986).

Setting and Topography. MCAS El Toro is situated on the southeastern edge of the Tustin Plain, a gently sloping surface of alluvial fan deposits derived mainly from the Santa Ana Mountains (Yerkes et al., 1965). The Tustin Plain, bounded on the north and east by the Santa Ana Mountains and on the south by the San Joaquin Hills, is at the southeast end of the Los Angeles Basin, a large sedimentary basin in the Peninsular Ranges Geologic Province (Yerkes et al., 1965). The Plain also lies in the so-called "Central Block" of the Los Angeles Basin, which is bound on the north by the Whittier Fault zone and on the south by the Newport-Inglewood Fault zone (CDMG, 1984).

The MCAS El Toro boundaries extend across the Tustin Plain into the Santa Ana Mountains. Most of the Station slopes gently down to the west-southwest. Elevations range from about 215 feet above mean sea level (msl) in the west corner of the facility to about 800 feet above msl in the east corner in the foothills of the Santa Ana Mountains. The Santa Ana Mountains rise steeply north and east of the Station; their highest peak (6,698 feet) is 10 miles east of the Station. The San Joaquin Hills slope up gradually to the south; their highest point (1,170 feet above msl) is 10 miles south of the Station (Brown and Caldwell, 1986). The land to the northwest of the Station is relatively level.

Surface Water. Surface drainage near MCAS El Toro generally flows southwest, following the slope of the land perpendicular to the trend of the Santa Ana Mountains. Several washes originate in the hills northeast of the Station and flow through or adjacent to the Station en route to San Diego Creek. Off-Station drainage from the hills and upgradient irrigated farmlands combines with on-Station runoff (generated from the Station's extensive paved surfaces) at the Station and flows into four main drainage channels. Three of these drainage channels are continuous with natural washes that originate in the Santa Ana Mountains (Borrego Canyon, Agua Chinon, and Bee Canyon); the fourth channel is Marshburn Channel. All four drainages become confluent with San Diego Creek southwest of the Station.

Geology. MCAS El Toro lies on alluvial fan deposits derived mainly from the Santa Ana Mountains. These Holocene materials consist of isolated coarse-grained stream channel deposits contained within a matrix of fine-grained overbank deposits that range in thickness up to a maximum of 300 feet (Herndon and Reilly, 1989).

The Holocene alluvial materials conformably overlie Pleistocene Age sediments predominantly composed of interlayered fine-grained lagoonal and near-shore marine deposits. These materials become increasingly mixed with beach sands, terrace, and stream-channel deposits in the eastern portion of the Tustin Plain and along the plain margins. Thus, the Quaternary deposits form a heterogeneous mixture of silts and clays with interbedded sands and fine gravels that range in thickness up to 500 feet in the western portion of the Tustin Plain (Singer, 1973).

The deeper Quaternary sediments may be equivalent to the lower Pleistocene San Pedro Formation, which consists of semiconsolidated silts, clays, and sands with interbedded limestone. These lagoonal and shallow marine deposits are considered to be a major water-bearing unit in the region (Brown and Caldwell, 1986).

The Pleistocene deposits unconformably overlie older semiconsolidated marine sandstones, siltstones, and conglomerates of late Miocene to late Pliocene age; these units make up the Niguel, Fernando, and Capistrano Formations. These semiconsolidated sediments are considered the top of the bedrock near MCAS El Toro. The lower Pliocene Fernando Formation, considered to be the major aquifer in the Irvine area, is the base of the water-bearing units (Herndon and Reilly, 1989). This formation probably interfingers with marine clayey and sandy siltstones of the Capistrano and Niguel Formations west of MCAS El Toro, and together they range up to 1,500 feet in thickness (JMM, 1988).

Beneath the semiconsolidated rocks lies a very thick sequence of interbedded marine and nonmarine sedimentary rocks and volcanic rocks of the Monterey, Puente, Vaqueros, and Sespe Formations. These units, which are deposited on a basement of crystalline metamorphic and igneous rocks, have been considered to be nonwater bearing in previous studies (JMM, 1990).

Groundwater. MCAS El Toro is situated over the Irvine Subbasin in the Main Orange County Basin. Although the aquifers beneath the Tustin Plain are in hydraulic contact with the Main Orange County Groundwater Basin, it is difficult to make correlations among specific aquifer zones. In the Irvine area, aquifers are much thinner and separated by thicker

sequences of fine-grained materials (Banks, 1984). Aquifers tend to be composed of lenticular clayey and silty sands and fine gravels contained within a complex assemblage of sandy clays and sandy silts. Thus, rather than identifiable aquifers that may be correlated from place to place, the groundwater may be considered to flow in a single, large-scale heterogeneous system (Herndon and Reilly, 1989).

The groundwater system beneath the Irvine Subbasin has been divided into a forebay area and a pressure area. The forebay area lies along the margin of the Basin where relatively shallow and coarse-grained sediments overlie semiconsolidated rock. Groundwater is thought to occur under unconfined conditions in this area. Recharge to the regional system takes place in the forebay area, primarily along washes that exit the Santa Ana Mountains. The pressure area lies in the central portion of the basin, where sediments are thicker and relatively finer-grained. Productive aquifers in this area are present mainly in deeper zones that become increasingly confined with depth. The groundwater has historically been discharged through irrigation wells or has moved westward to the Main Orange County Basin (Banks, 1984).

In 1989, along the southwest perimeter of the facility, the depth to groundwater ranged from 82 to 122 feet bgs (JMM, 1990). Reduced pumping and increased water imports in the past 20 years have allowed groundwater levels to rise as much as 100 feet (Herndon and Reilly, 1989). Groundwater within the foothills, where it occurs, is reported to be within 50 feet of the ground surface (JMM, 1988). Information gathered during Phase I RI drilling shows that depth to groundwater is generally consistent with those above. Groundwater is most shallow in the foothills, where it lies about 45 to 60 feet beneath the washes.

According to 1989 water levels, the direction of flow along the southwest boundary of MCAS El Toro was northwest at a gradient of 0.0066 (JMM, 1989). Regional flow has been west and northwest since the 1940s and has been controlled locally by large pumping depressions. Phase I Remedial Investigation (RI) data indicate that regional groundwater flow is still toward the northwest, with an average groundwater gradient of about 0.008.

The average linear groundwater flow velocities in the uppermost aquifer across the Station are in the range of 0.02 to 1.9 feet per day (ft/day). Average linear groundwater flow velocities in localized areas in the deeper coarse-grained portion of the aquifer that supplies groundwater to production wells are likely to be higher than that in the uppermost aquifer. An average linear groundwater velocity of 1.5 ft/day was calculated based on the hydraulic conductivity of 56.8 ft/day estimated from a 24-hour pumping test completed by Orange County Water District (OCWD), an average hydraulic gradient of 0.008, and a porosity of 0.3.

Groundwater Chemistry. In addition to the regional volatile organic compound (VOC) groundwater contamination being investigated at the Station (refer to Section 3.1.1), historical degradation of shallow groundwater quality associated with other contaminants has occurred in the Irvine area. Increases in the levels of total dissolved solids (TDS), selenium, and nitrates in the groundwater have been related to agricultural activities and incursions of lower-quality water from the margins of the Basin under the influence of pumping wells. The largest area of groundwater not affected by this contamination lies in deeper zones in the central pressure area of the Basin (Banks 1984).

Investigations by OCWD northwest of the Station have revealed the presence of three hydrochemical facies in groundwater related to depth in the aquifer. The first facies, characteristic of shallow groundwater lying within 200 feet of the ground surface, contains relatively high levels of TDS and nitrate and is dominated by calcium and sulfate ions. The second facies, characteristic of groundwater lying between 200 and 450 feet deep, contains lower levels of TDS and nitrate and is dominated by sodium, calcium, and bicarbonate ions; this zone is where off-Station VOC contamination has occurred. The third facies occurs in the lower hydrogeologic system at depths greater than 450 feet and contains relatively high levels of TDS, relatively low levels of nitrate, and is dominated by sodium and sulfate ions (Herndon and Reilly, 1989). Preliminary work performed at MCAS El Toro by James M. Montgomery Engineers (JMM) and Phase I RI data have generally confirmed these findings (JMM, 1990 and JEG, 1993a).

1.5 OFF-BASE PROPERTY/TENANTS

The following sections present information regarding on-Station tenants, existing off-Station land use, historic property acquisitions, and off-Station properties.

Tenant Units. A list of major tenants and their building locations at MCAS El Toro is provided in Table 1-4 (On-Base Tenant Units). The buildings occupied by each tenant are also provided in this table. Noncomponent (e.g., FAA) tenants are not undertaking any environmental restoration activities.

Existing Off-Base Land Use. Historically, the land use around MCAS El Toro has been largely agricultural. However, land to the south, southeast, and southwest has been developed recently as commercial, light industrial, and residential. Currently expanding commercial areas include the Irvine Industrial Complex-East located on the southeast border of the Station, and the Irvine Technology Center located along the southwest border of the Station. Adjacent land on the northwest and northeast is used for agriculture. Regional land use around the Station is shown in Figure 1-3 (Existing Off-Base Land Use).

Property Acquisitions. MCAS El Toro has more than doubled in size since the original acquisition of 2,319 acres in 1942. The Station currently consists of 4,738 acres. A summary of MCAS El Toro property acquisitions is provided in Table 1-5 (Property Acquisition Summary). The tracts referenced in this table correspond to Figure 1-4 (MCAS El Toro Property Acquisitions).

Off-Base Property. MCAS El Toro currently uses several properties that are not located directly on-Station. These properties, listed in Table 1-6 (Off-Base Properties), include a recreation facility and obstruction lighthouse facilities. The location of the recreation facility relative to the Station is shown in Figure 1-1; refer to Figure 1-5 (Off-Base Parcels) for the obstruction lighthouse locations.

The Big Bear Recreation Facility consists of 6.5 acres and is located approximately 75 miles northeast of the Station in Big Bear, California. This property is used by the Station under a memorandum of understanding (MOU) with the U.S. Forest Service; the Navy owns the facilities on the property. These facilities are administered by the MCAS

El Toro Morale, Welfare, and Recreation Office (MWR). The Navy plans to extend the MOU after MCAS El Toro is closed (personal communication, G. Horner/MCAS El Toro MWR, March 1994).

Three small properties for obstruction light houses associated with the Station's air operations are located off-Station. Two of the lighthouses (Buildings 586 and 588) are located east of the Station and one lighthouse (Building 595) is located north of the Station. The plans for these properties and structures after closure of the Station are not known.

In addition to the off-Station properties discussed above, MCAS El Toro currently administers approximately 40 acres of land located in the City of Tustin, adjacent to MCAS Tustin. The property is currently being used as Station housing for both MCAS El Toro and MCAS Tustin personnel; some of this property is also vacant. Because of its geographical location (i.e., adjacent to MCAS Tustin, but a few miles from MCAS El Toro), this property is being addressed in the BCP for MCAS Tustin and is not included in this BCP.

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Table 1-1 Current BCT/Project Team Members MCAS El Toro BCP			
BCT MEMBERS			
Name	Title/Organization	Phone	Role/Responsibility
Raines, Bret	BRAC Environmental Coordinator - MCAS El Toro & Navy Southwest Division NAVFACENGCOM (SWDIV)	714/726-3705	Department of Defense Component Project Manager (Lead Agency)
Hamill, John	Project Manager - U.S. Environmental Protection Agency, Region IX (USEPA)	415/744-2391	USEPA - Region IX, Lead
Zarnoch, Joe	Project Manager - California EPA, Department of Toxic Substances Control (DTSC)	310/590-4878	CAL-EPA (DTSC), Lead
OTHER KEY PARTICIPANTS			
Name	Title/Organization	Phone	Role
Allen, Jeff	SWDIV	619/532-1155	Contract Specialist
Best, Claire	DTSC	310/590-4949	Public Participation Specialist
Broderick, John	Project Manager, CAL-EPA, CA. Regional Water Quality Control Board (RWQCB)	909/792-4494	RWQCB - Santa Ana, Lead
Comstock, Larry	LtCol., US Marine Corps - El Toro	714/726-3381	Base Transition Officer
Crawley, David	SWDIV	714/726-4146	Fieldwork coordination & logistics
D'Onofrio, Francesca	DTSC	916/255-2078	Environmental Assessment & Reuse Specialist
Dotson, Ann	COMCABWEST	714/726-3702	MCAS El Toro Planning Director
Godfrey, Bruce	Major, US Marine Corps - El Toro	714/726-3383	Assistant Base Transition Officer
Hendron, James	Orange County Health Care Agency	714/667-3708	UST Program Oversight
Key, Kristina	SWDIV	619/532-3712	Assistant RPM
Martires, Jorge	MCAS El Toro, Environmental Office	714/726-3705	Compliance Supervisor
Mitchell, Chrisa	MCAS El Toro, Environmental Office	714/726-3386	Installation Restoration Program Manager
Nuzum, Larry	BRAC Section Manager - SWDIV	619/532-3655	Resource Management
Pan, Max	International Technology Corporation	714/660-5463	CLEAN I Technical Reviewer
Piszkin, Andy	SWDIV	619/532-2635	Lead RPM/Technical Support
Sandalsen, Xenia	COMCABWEST	714/726-6609	MCAS El Toro Facility Planner
Sherwood, Paul	MCAS El Toro, Installations	714/726-6807	Operations Manager
Singh, Upinder	MCAS El Toro, Environmental Office	714/726-3035	Waste Management Director
Thompson, Ann	US Navy, BRAC Program Office	619/532-0265	Orange County Base Closure Manager
Wilson, Barbara	COMCABWEST	714/726-6611	Natural/Cultural Resources
CONTRACTORS			
Name	Agency Affiliation	Phone	Role
Arends, Michael/ CH2M HILL	Navy - SWDIV	714/250-1900	CLEAN I Project Manager
Tindall, Sebastian/ Bechtel	USEPA - Region IX	415/768-0659	Bechtel Project Manager

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Table 1-2 History of Installation Operations MCAS EI Toro BCP				
Period	Type of Operation	Weapon System	Hazardous Substance Activity	Map Reference (1)
Pre-1943	Agricultural	None	Potential pesticide use	VL
1943	New construction MCAS EI Toro formally commissioned	None	Construction Landfilling STP and sludge drying beds Fuel/oil/chemical storage Discharge to washes Waste burning	VL 1 2 VL 3 8
1943 to 1945	465 aircraft assigned (F4U, TBM, R5C, C-54, SNJ) 15,470 personnel assigned	Fighter, Bombing, and Training Aircraft	Construction Landfilling Fuel/oil/chemical storage STP and sludge drying beds Discharges to washes UST petroleum/waste storage Oil/water separators Aircraft refurbishing operations Waste burning IWTP	VL 1 VL 2 3 VL VL 4 8 9
1946 to 1952	Marine aircraft groups assigned Aircraft (F4U, F7F, TBM, C-54, SNJ) 4,000 personnel assigned	Fighter, Bombing, Transport, and Training Aircraft	Petroleum disposal area Landfilling Fuel/oil/chemical storage STP and sludge drying beds Discharges to washes UST petroleum/waste storage Oil/water separators Aircraft refurbishing operations Waste burning IWTP	5 1 VL 2 3 VL VL 4 8 9

Table 1-2 History of Installation Operations MCAS EI Toro BCP				
Period	Type of Operation	Weapon System	Hazardous Substance Activity	Map Reference (1)
1952 to 1955	Aircraft fleet marine force assigned Marine aircraft groups assigned Aircraft (F3D, F9F, F6F, C-119, C-54, AD, HRS)	Fighters, Attack, Transports, Training Aircraft, and Helicopters	Explosive ordnance disposal Petroleum disposal area Landfilling Fuel/oil/chemical storage STP and sludge drying beds Discharges to washes UST petroleum/waste storage Oil/water separators Waste burning IWTP	6 5 1 VL 2 3 VL VL 8 9
1955 to 1960	One marine air wing (3d MAW relocated to MCAS EI Toro from Miami, Florida) Aircraft (AD, A4D, F3D, F4D, F8U, F9F, C-119, C-54)	Fighter, Attack, Transport, Photographic, Reconnaissance, and Tanker Aircraft	Explosive ordnance disposal Petroleum disposal area Landfilling Fuel/oil/chemical storage STP and sludge drying beds Discharges to washes UST petroleum/waste storage Oil/water separators Waste burning IWTP	6 5 1 VL 2 3 VL VL 8 9
1961 to 1975	One marine air wing (3d MAW) Aircraft (AD, A4D, F4H, C-130) 8,600 personnel assigned	Fighter, Attack, and Tanker Aircraft	Explosive ordnance disposal Petroleum disposal area Landfilling Fuel/oil/chemical storage STP and sludge drying beds Discharges to washes UST petroleum/waste storage Oil/water separators Fire training area burn pits	6 5 1 VL 2 3 VL VL 7

Table 1-2 History of Installation Operations MCAS El Toro BCP				
Period	Type of Operation	Weapon System	Hazardous Substance Activity	Map Reference (1)
1976 to 1985	One marine air wing (3d MAW) Aircraft (A4D, F4H, C-130)	Fighter, Attack, and Tanker Aircraft	Explosive ordnance disposal Petroleum disposal area Landfilling Fuel/oil/chemical storage Discharges to washes UST petroleum/waste storage Oil/water separators Fire training burn pits	6 5 1 VL 3 VL VL 7
1986 to 1991	One marine air wing (3d MAW). Includes: MAG -11 90 F/A-18 fighter attack aircraft 12 KC-130 fighter attack aircraft MAG -46 12 F/A-18 fighter attack aircraft 12 aircraft (CH-46) Station 3 Aircraft (UH-1) 3 Aircraft (UC-12) 1 Aircraft (CT-39) 7,200 personnel assigned	Fighter/Attack, and Inflight Refueler Aircraft, Helicopters and Logistic Transports	Petroleum disposal area Fuel/oil/chemical storage Discharges to washes UST petroleum/waste storage Oil/water separators Fire training burn pits	5 VL 3 VL VL 7
1991 to Present	One marine air wing (3d MAW). Includes: MAG -11 125 F/A-18 fighter attack aircraft 12 KC-130 fighter attack aircraft MAG -46 12 F/A-18 fighter attack aircraft (Reserve) 12 CH-46 helicopters	Fighter/Attack, and Inflight Refueler Aircraft, Helicopters and Logistic Transports	Fuel/oil/chemical storage Discharges to washes UST petroleum/waste storage Oil/water separators Petroleum disposal area Fire training burn pits	VL 3 VL VL 5 7

Table 1-2 History of Installation Operations MCAS EI Toro BCP					
Period	Type of Operation		Weapon System	Hazardous Substance Activity	Map Reference (1)
1991 to Present (cont.)	Station	UH-1 search and rescue helicopter UC-12, CT-39 logistic aircraft			
	8,000 personnel assigned				

Notes:

(1) Reference numbers correspond to locations shown in Figure 1-2
 VL - Various Locations
 STP - Sewage Treatment Plan
 IWTP - Industrial Wastewater Treatment Plant

Sources:

MCAS EI Toro Master Plan, 1991.
 MCAS EI Toro & Tustin Unofficial Guide and Directory, 1992.
 MCAS EI Toro Command Museum Personnel.

Table 1-3 Hazardous Wastes Generating Activities MCAS EI Toro BCP				
Facility (Bldg.)	Activity	Name of Waste Material	Generation Rate (lbs/2 month)(1)	Disposition
Aero Club (10)	Small Aircraft Maintenance, (G, SAA)	Aviation gas	660	DRMO
Auto Hobby Shop (626)	Auto Repair Shop (G, SAA)	Absorbent w/fuel, oil Misc. paints Oil Filters Antifreeze Cleaning compound	518 264 736 544 266	DRMO
C-Pool (386)	Base auto and truck repair shop (G, SAA)	Gas fuses/filters	119	DRMO
CSSD-14 (388)	Hum V / Support Engine repair, Station (G, SAA)	Petroleum oil w/water Aerosol prime coating Aerosol vinyl spray Absorbent w/fuel, oil Petroleum oil w/solvents Petroleum oil w/fuel PD-680 Antifreeze Rags w/fuel, oil	368 53 52 2,564 996 178 124 260 1,104	DRMO
FMD (370)	Maintain Base/ Buildings (G, SAA)	Paint remover Misc. paint Enamel paint Spill debris w/oil Epoxy polyimide paint Antifreeze	5,503 55 145 65 14 98	DRMO
Fuels Division (314)	Gas and diesel supply to units (G, SAA)	Aviation turbine engine filters	937	DRMO
H & HS-38 (22)	Ground Control Unit (G, SAA)	Used oil/diesel filters Paint thinner Batteries (mercury) Calcium Hypochlorite Rags w/fuel, oil Petroleum oil Antifreeze	98 203 74 52 102 332 338	DRMO
MACG-38 (5)	Transportation and Power Electricity for MATCS-38 (G, SAA)	Antifreeze Aerosol spray paint Misc. paint Soil w/fuel, oil	178 94 368 224	DRMO

**Table 1-3
Hazardous Wastes Generating Activities
MCAS EI Toro BCP**

Facility (Bldg.)	Activity	Name of Waste Material	Generation Rate (lbs/2 month)(1)	Disposition
MAG-46 Helo (295)	Helicopters (G, SAA)	Rags w/fuel, oil	410	DRMO
		Rags w/synthetic oil	145	
		Petroleum oil	878	
		PD-680	314	
		Acidic cleaning compound	684	
		Plastic w/oil	116	
		Absorbent w/fuel, oil	1,523	
		Aerosol paint	124	
		Synthetic oil	868	
		Rags w/sealing compound	152	
		Plastic w/sealing compound	475	
MALS-11 Airframes (130)	Painting / Tire shop/ Welding (G,SAA)	Rags w/oil	688	DRMO
		Petroleum oil	316	
		Paintbooth sludge	6,670	
		Aerosol lacquer paints	154	
		Misc. paints	328	
		Paint Stripper	328	
MALS-11 (441)	Maintain Aviation Logistic Squadron (G, SAA)	Aircraft paint thinner	50	DRMO
		Methyl Ethyl Ketone	24	
		Absorbent w/fuel, oil	554	
		Rags w/fuel, oil	250	
		Freon	150	
		Batteries (magnesium/alkaline)	100	
		Batteries (mercury)	100	
MALS-11 Avionics (856)	Repair Avionics Equipment (G, SAA)	Sulfuric Acid spent	538	DRMO
		Rags w/fuel, oil	343	
		Rainwater w/oil	3,830	
		Batteries (lead acid)	126	
		Synthetic oil	145	
		Paint thinner	66	
		Rags w/PD-680	56	
		Corrosion Preventative Compound	138	
		Misc. paint	185	
		Primer	47	
		Sealing compound	39	
		Petroleum oil	269	
		Aerosol enamel paint	108	
		Alodine Corrosive Resistant	37	
		Absorbent w/hydraulic fluid	49	
Aerosol cleaning compound	97			

Table 1-3 Hazardous Wastes Generating Activities MCAS EI Toro BCP				
Facility (Bldg.)	Activity	Name of Waste Material	Generation Rate (lbs/2 month)(1)	Disposition
MALS-11 Cryogenics (636)	Repair life emergency support equipment (G, SAA)	Petroleum oil	146	DRMO
MALS-11 GSE (673)	Ground equipment Provide power/ Test Elect. System/ Service Hydraulics fuels/ Start Engine Maintain and Tow Tractors (G, SAA)	Rags w/fuel, oil Rags w/synthetic oil Rags w/oil Aerosol cleaning compound Absorbent w/fuel, oil Petroleum oil w/synthetic oil 25% Freon w/75% hydraulic fluid	934 688 115 35 929 539 784	DRMO
MALS-11 GSE North (392)	Ground equipment Provide power/ Test Elect. System/ Service Hydraulics fuels/ Start Engine Maintain and Tow Tractors (G, SAA)	Oil w/antifreeze Synthetic oil Used oil/diesel filters Latex gloves w/synthetic oil Petroleum oil w/synthetic oil 25% Freon w/75% hydraulic fluid Aerosol cleaning compound Rags w/fuel, oil	199 474 218 52 230 436 35 252	DRMO
MALS-11 Ordnance (673)	Explosives/ Bombs Build work support equipment/ Carry Ammunition/ Support Armory (G, SAA)	Rags w/grease Corrosion Preventative Compound Aerosol lacquer paint Rags w/oil Petroleum oil Aerosol enamel paint Alodine corrosive resistant Absorbent w/hydraulic fluid Aerosol Cleaning compound	108 44 118 373 269 108 138 49 97	DRMO
MALS-11 Power plants (634, 658)	Fix and maintain F404 and T54 Engine (G, SAA)	Rags w/fuel, JP-5, Synthetic oil JP-5 w/synthetic oil Decon kit, part B Decon kit, part A	1,129 487 183 139	DRMO
MWR-Auto #1(651)	Auto Repair Shop (G, SAA)	Grease Fuel w/water Used oil/diesel filters Petroleum oil	142 108 698 522	DRMO
MWSS-373 Headquarters (800)	Repair and maintenance of Tactical Vehicles (G, SAA)	Aerosol spray paint Rags w/fuel, oil Aerosol enamel spray paint Absorbent w/fuel, oil Used oil/diesel filters Antifreeze	171 755 238 925 164 154	DRMO

**Table 1-3
Hazardous Wastes Generating Activities
MCAS El Toro BCP**

Facility (Bldg.)	Activity	Name of Waste Material	Generation Rate (lbs/2 month)(1)	Disposition
MWSS-373 Refuelers (671)	Refuel by truck (G, SAA)	Absorbent w/fuel, oil	374	DRMO
		Petroleum oil	878	
		PD-680	314	
		Acidic cleaning compound	684	
MWSS-373 Utilities (31)	Fix & maintain Generator/ Refer Equipment/ Laundry Unit Shower/ RO Water System (G, SAA)	Absorbent w/fuel, oil	438	DRMO
		Rags w/solvents	164	
		Petroleum oil	338	
SOMS	Emergency Arrestment (G, SAA)	Absorbent w/fuel, oil	104	DRMO
		Petroleum oil	218	
SOMS Recovery (2)	Emergency Arrestment (G, SAA)	Absorbent w/oil debris	78	DRMO
		Aerosol spray paint	193	
		Petroleum oil	1,298	
		Absorbent w/fuel, oil	136	
		Diesel w/water	574	
		Batteries (lead, acid)	150	
VMFAT-101 (371)	FA-18 Aircraft (G, SAA)	Corrosion preventative compound	67	DRMO
		Misc. paint	173	
		Enamel paint	101	
		Rags w/fuel, oil	1,063	
		Rags w/AC paint thinner	159	
		Absorbent w/fuel, oil	1,213	
		Cleaning compound (sodium hydroxide)	66	
		Cleaning compound (orthocresol)	687	
		Hydraulic fluid	1,966	
		Paint thinner	404	
		JP-5	1,192	
		Methyl Ethyl Ketone	96	
		Oil w/lead	100	
		Aliphatic isocyanate	168	
		Water w/oil	1,500	
		VMFA-225 AW (698)	FA-18 Aircraft (G, SAA)	
Polyurethane coating	108			
25% Freon w/75% hydraulic fluid	492			
Synthetic oil	124			
Rags w/solvent	150			

Table 1-3 Hazardous Wastes Generating Activities MCAS EI Toro BCP				
Facility (Bldg.)	Activity	Name of Waste Material	Generation Rate (lbs/2 month)(1)	Disposition
VMFA-242 (461)	FA-18 Aircraft (G, SAA)	Aerosol spray paint	127	DRMO
		Rags w/fuel, oil	140	
		Cleaning compound	1,318	
		Misc. paint	174	
		Synthetic oil	466	
		JP-5	312	
		Absorbent w/fuel, oil	136	
		Diesel w/water	574	
		Batteries (lead, acid)	150	
VMFA-323 (606)	FA-18 Aircraft (G, SAA)	Synthetic oil	1,159	DRMO
		Misc. paint	90	
		Acidic cleaning compound	78	
		Absorbent w/fuel, oil	448	
		Rags w/synthetic oil	1,320	
		Rags w/fuel, oil	340	
		Paint thinner	56	
		Rags w/solvent	118	
		Absorbent w/fuel, synthetic oil	780	
Absorbent pads w/fuel, oil	150			
VMFA-314 (605)	FA-18 Aircraft (G, SAA)	Polyurethane coating	113	DRMO
		Epoxy polyimide coating	62	
		25% freon w/75% hydraulic fluid	312	
		Aerosol spray paint	72	
		Aerosol cleaning compound	36	
		Acidic cleaning compound	54	
		Aerosol enamel spray paint	28	
		Aerosol lacquer spray paint	56	
		Rags w/fuel, oil	360	
		Misc. paint	208	
		Absorbent w/fuel, oil	1,646	
		Rags w/ solvents	112	
		Enamel paint	558	
		Paint equipment, debris	76	
		Absorbent w/synthetic oil	109	
		Lacquer paint	53	
		JP-5 w/hydraulic fluid, synthetic oil	363	
Synthetic oil	292			

**Table 1-3
Hazardous Wastes Generating Activities
MCAS EI Toro BCP**

Facility (Bldg.)	Activity	Name of Waste Material	Generation Rate (lbs/2 month)(1)	Disposition
VMGR-352 (297)	KC-130 Aerial Transport, refuel Vow line (G, SAA)	25% Freon w/75% hydraulic fluid	442	DRMO
		Rags w/fuel, oil	403	
		Misc. paint	360	
		Enamel paint	105	
		Batteries (lead, acid)	400	
		Adhesive	60	
		Paint stripper	72	
		Aerosol spray paint	70	
		Synthetic oil	868	
		Hydraulic fluid	444	
		Absorbent w/fuel, oil	1,260	

Notes:

(1) Generation rates are for July/August 1992 and represents the most current available information on generation rates by specific units.

G - Generator

SAA - Satellite Accumulation Area

DRMO - Defense Reutilization and Marketing Office

NA - Data Not Available

The column in the BCP table entitled "Unit" is not included. According to EO staff, the unit column is the same as facility building.

Source: SAIC, 1994. Draft Hazardous Materials Management Plan.

**Table 1-4
On-Base Tenant Units
MCAS EI Toro BCP**

Tenant	Building Number(s)
13th Dental	20,105, 439, 457
3rd Marine Air Wing	139, 829, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921
Adjutant	46, 65, 420, 692
Aero Club	766
Aviation Physiology Training Unit	684
Aviation Weapons Training Unit	826
Aviation Weapons Training Unit- 3	405, 406, 407, 407, 409, 1721, 1809
CACI	456
CEO	757, 773, 774, 775, 776, 777
Chaplin	83, 581, 833
Comptroller	66, 304, 475
Crash Crew	850, 851
Combat Service Support Detachment-14	147, 273, 313, 333, 387, 388, 655, 759, 760
Defense Commissary Agency	317, 329
Defense Logistics Agency	197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 547, 548, 549, 550, 551
Defense Reutilization Marketing Office	319, 633, 784
Explosive Ordnance Disposal	780, 794, 795
Federal Aviation Administration	416
Fleet Aviation Specialized Operational Training Group	629
Food Service	364, 457
G-1 Personnel	58, 75, 83, 279, 581, 656, 873
G-3 Air Operations	349, 414, 588, 596, 597, 598, 638, 677
G-4 Logistics	29, 31, 32, 33, 34, 35, 38, 248, 251, 375, 742, 744
G-4 Transients	249, 250
G-6 Ground Electronic Maintenance Division	1, 53, 138, 321, 394, 399, 404, 573, 584, 730, 860, 861
G-6 Training	874
G-6/Federal Aviation Administration	372

Table 1-4 On-Base Tenant Units MCAS EI Toro BCP	
Tenant	Building Number(s)
Guard Safety	523
Headquarters and Headquarters Squadron	1
Headquarters and Headquarters-37	245, 305
Headquarters and Headquarters-38	8, 9, 11, 22, 23, 56
Marine Medium Helicopter Squadron-764	295
Housing	133, 614
Human Resources Office	304
Installation	58, 96, 146, 152, 155, 156, 174, 175, 293, 298, 299, 300, 301, 302, 306, 324, 326, 335, 357, 358, 368, 370, 374, 377, 380, 382, 383, 384, 385, 386, 445, 446, 448, 496, 529, 530, 566, 567, 568, 579, 582, 583, 610, 616, 619, 639, 640, 641, 642, 643, 659, 662, 674, 675, 676, 678, 685, 689, 733, 735, 753, 769, 770, 772, 778, 779, 789, 796, 818, 834, 836, 837, 838, 852, 855, 862, 1595, 1601, 1710
Joint Public Affairs Office	59
Marine Air Control Group-38	328
Marine Air Control Squadron-38	169
Marine Air Federal Credit Union	743
Marine Aircraft Group-11	136, 137, 292, 391, 415, 457, 701, 711, 712, 713, 734, 761, 763, 767, 816, 843, 854, 856, 886, 887, 891, 923
Marine Aircraft Group-46	296
Marine Aviation Logistics Squadron-11	105, 127, 129, 130, 131, 132, 142, 290, 291, 308, 341, 371, 392, 447, 456, 469, 602, 634, 636, 658, 664, 673, 716, 726, 745, 749, 750, 751, 756, 764, 786, 831, 840, 856, 1650, 1651, 1787, 1791
Marine Aviation Logistics Squadron-46	295
Marine Air Support Squadron-6	49
Marine Air Traffic Control Squadron-38 (DETD)	137

**Table 1-4
On-Base Tenant Units
MCAS El Toro BCP**

Tenant	Building Number(s)
Marine Air Traffic Control Squadron-48	47, 49
Marine Corps Combat-3	748
Marine Wing Communications Squadron	5, 13, 14, 15, 16, 17, 21, 56, 600, 844
Marine Wing Headquarters Squadron	7, 12, 19, 20, 48, 52, 275, 787, 832, 1720
MWO-HOSP	355
Morale, Welfare, and Recreation	10, 390, 402, 410, 421, 422, 427, 430, 432, 457, 703, 704, 881, 882, 883, 884, 894
Morale Welfare and Recreation-Hospital	347, 372, 649, 718, 791, 793, 823
Morale Welfare and Recreation-Headquarters	75
Morale Welfare and Recreation-Recreation	75, 94, 264, 272, 280, 459, 460, 464, 578, 601, 607, 615, 625, 626, 679, 680, 681, 686, 687, 736, 782, 788, 790, 792, 817, 828, 830, 859, 885, 922, 924, 925, 1775, 1798
Morale Welfare and Recreation-Retail	77, 637, 649, 650, 651, 722, 783, 799, 1702
Morale Welfare and Recreation-Support	77, 285
Marine Wing Support Group-37	309, 758, 762, 771
Marine Wing Support Squadron	51
Marine Wing Support Squadron-371	765
Marine Wing Support Squadron-373	25, 26, 28, 307, 313, 671, 672, 800, 801, 802, 803, 804, 825, 875
Marine Wing Support Squadron-472	50
Naval Aviation Engineering Service Unit	745, 829
Naval Air Maintenance Training Group Detachment	324, 325, 631
Naval Hospital	256, 439, 876
Nuclear Biological Chemical	1655, 1656, 1662, 1719, 1789
NWSSP	292
Provost Marshal's Office	6, 27, 657, 702, 707, 708, 725, 729, 835, 856, 858
PMTC	292
Reserve Support Unit	60

**Table 1-4
On-Base Tenant Units
MCAS EI Toro BCP**

Tenant	Building Number(s)
Security	75, 98, 121, 311, 324, 376, 665, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872
Staff Judge Advocate	54, 257
Staff Non-Commissioned Officer Academy	367
Station Operations Maintenance Squadron	2, 3, 4, 99, 288, 289, 307, 372, 435, 586, 587, 594, 595, 624, 644, 645, 646, 647, 717, 721, 824, 877,878, 879, 880, 1815
Station Operations Maintenance Squadron/ Federal Aviation Administration	372
Station Ordnance	536, 537, 538, 539, 540, 542, 543, 544, 545, 546, 611, 682, 781, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 841, 893, 1752, 1810
Station Training	242, 819
MCAS EI Toro	1, 58, 124, 135, 366, 367, 376, 389, 440, 441, 442, 449, 450, 451, 452, 455, 660, 661, 666, 667, 668, 669, 731, 732, 739, 740, 741, 842, 889, 890, 895, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911
Station/Provost Marshal's Office	898
Supply	189, 241, 285,314, 318, 319, 320, 321, 359, 360, 363, 369, 379, 396, 419, 534, 552, 555, 556, 558, 559, 560, 561, 599, 635, 670, 683, 699, 700, 747, 752, 755, 797, 827, 853, 1538, 1580, 1703
Trainee Management Element-31	324
Training	57, 243, 244, 251, 263, 271, 443, 471, 472, 519, 520, 693, 746, 839
Vacant	115, 122, 123, 135, 163, 164, 166, 167, 170, 171, 172, 296, 307, 322, 688, 697, 709, 710
Vacant (G-4)	240, 276, 277, 297, 310, 445
Vacant (DLA)	176, 177, 178, 179, 180, 181, 182, 183
Vacant (Inst)	222, 373

**Table 1-4
On-Base Tenant Units
MCAS EI Toro BCP**

Tenant	Building Number(s)
Vacant (MAG-11)	230, 231, 1804
Vacant (STA)	312, 315
Vacant (Supply)	191, 553, 554
Marine All Weather Attack Squadron 121	454, 462, 714, 728
Marine All Weather Attack Squadron 242	453, 458, 461, 715, 727
Marine All Weather Fighter Attack Squadron 225	124, 125, 126
Marine Fighter Attack Squadron 134	296
Marine Fighter Attack Squadron 225	698
Marine Fighter Attack Squadron 314	118, 119, 120, 605, 695, 892
Marine Fighter Attack Squadron 323	121, 134, 606, 696
Marine Fighter Attack Squadron 352	114
Marine Fighter Attack Training Squadron-101	371, 463, 487, 785, 845, 848, 849
Marine Fighter Attack Squadron - 235	292
Marine Aerial Refueler/transport Squadron-352	297
West Coast Commissary Complex/Defense Commissary Agency	694
Wing Nuclear Biological Chemical	798
Source: MCAS EI Toro Building List, 1993	

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**Table 1-5
Property Acquisition Summary
MCAS El Toro BCP**

Tract Number (1)	Previous Land Owner	Acreage		Acquisition Date	Type of Acquisition
		Fee Land	Easement Land		
A	Irvine Ranch	2318.833	Not Available	27 October 1942	Acquired from the Irvine Ranch Corporation under the authority of an Act of Congress, approved 27 March 1942
B	Irvine Ranch	21.525	Not Available	01 July 1945	Acquired from the Irvine Ranch Corporation under the authority of an Act of Congress, approved 24 February 1942
C	El Toro Development Company	160.734	Not Available	09 January 1952	Acquired by a Grant Deed from El Toro Development Company
D	The Irvine Company	1403.42	Not Available	13 August 1953	Acquired pursuant to a Declaration of Taking filed with the U.S. District Court for the Southern District of California
E	The Irvine Company	86.95	Not Available	April 1972	Acquired by exchange from The Irvine Company
F	The Irvine Company	729	Not Available	1976	Acquired by exchange from The Irvine Company
G	The Irvine Company	17.74	Not Available	December 1986	Purchase from The Irvine Company
Total Acreage:		4738.202	Not Available		

Note:

(1) Tract numbers correspond to Figure 1-4.

Sources:

MCAS El Toro Master Plan, 1991.

Brown and Caldwell, 1986.

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Table 1-6 Off-Base Properties MCAS EI Toro BCP					
Description	Acreage	Date of Acquisition	Environmental Status	Location	Remarks
Big Bear Recreation Facility	6.5	1985	Unevaluated	Big Bear, CA	Navy plans to retain facility
Obstruction Lighthouse No. 1 (Building 586)	NA	NA	Unevaluated	Adjacent to east side of Station	Potential for asbestos and lead-based paint
Obstruction Lighthouse No. 3 (Building 588)	NA	NA	Unevaluated	Adjacent to east side of Station	Potential for asbestos and lead-based paint
Obstruction Lighthouse No. 10 (Building 595)	NA	NA	Unevaluated	Adjacent to north side of Station	Potential for asbestos and lead-based paint
Notes: NA - not available Obstruction Lighthouse nos. 3 - 9 are either located within Station boundaries or have been demolished.					

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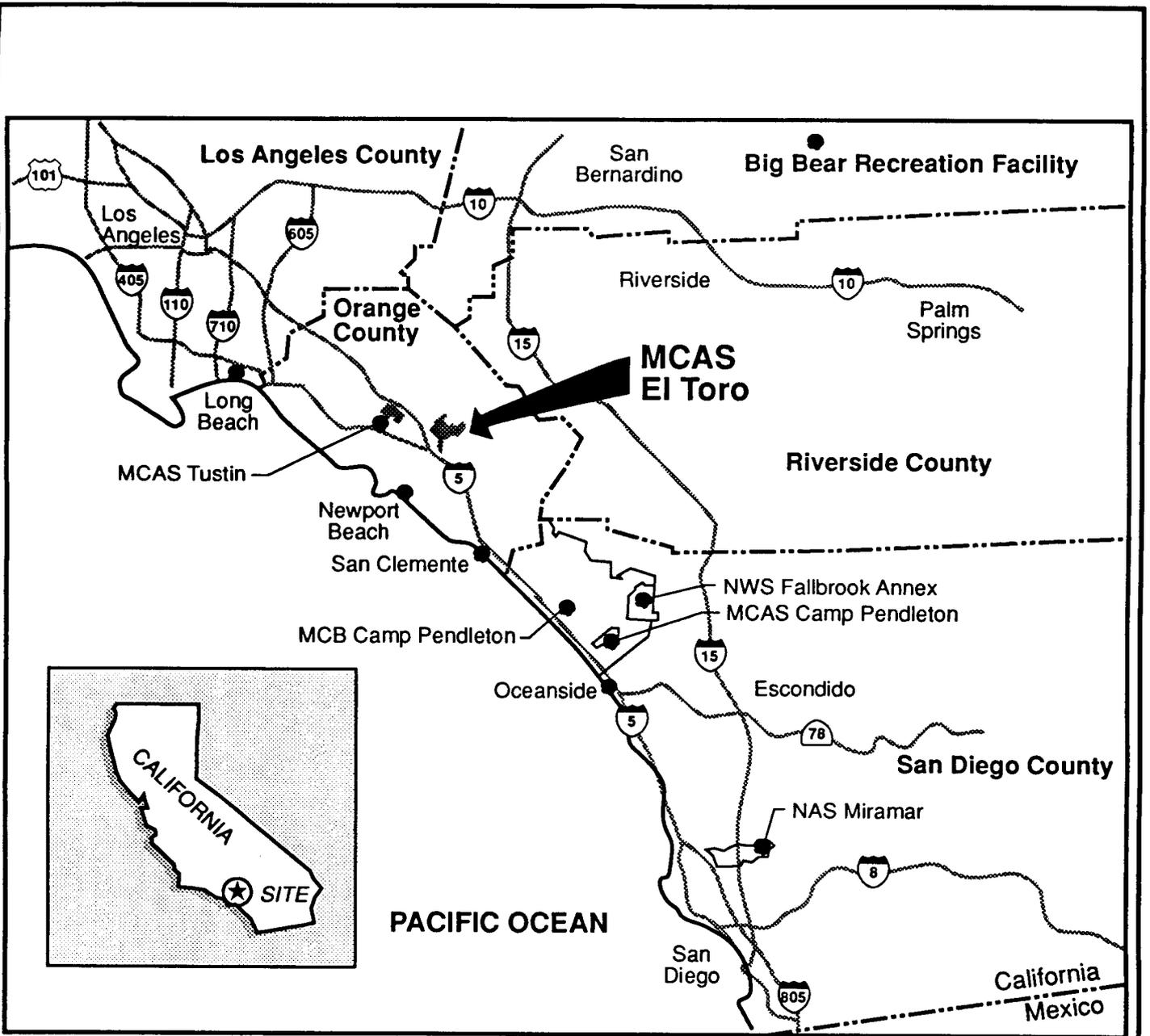
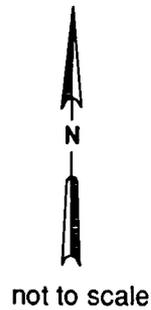


FIGURE 1-1
MCAS EL TORO LOCATION MAP
 MCAS EL TORO BCP



Source: MCAS El Toro Master Plan, 1991.

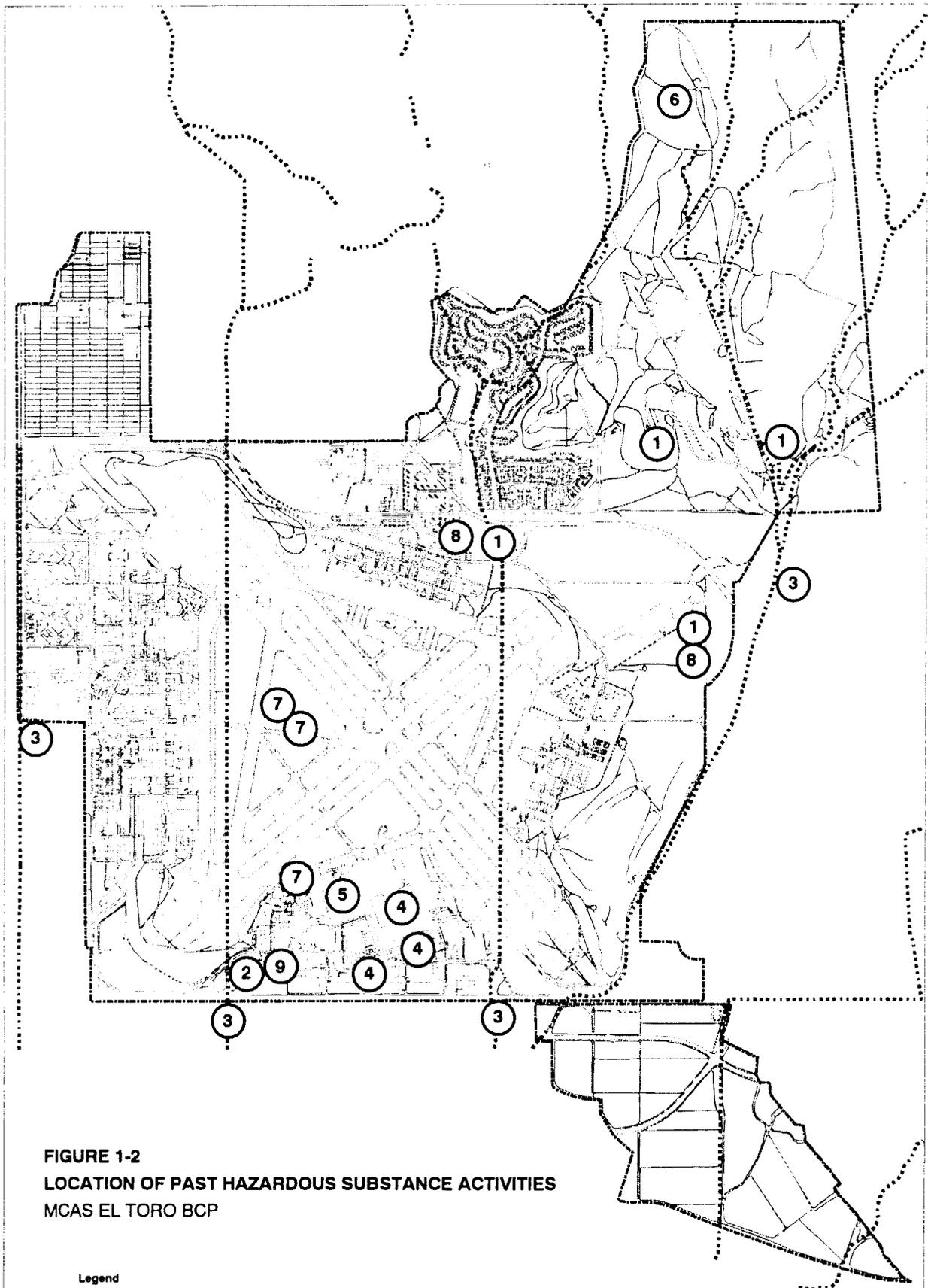
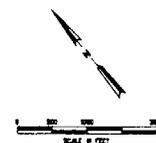


FIGURE 1-2
LOCATION OF PAST HAZARDOUS SUBSTANCE ACTIVITIES
MCAS EL TORO BCP

Legend

- 1** Designation of Activity Location
- Station Boundary
- Station Washes

Note: Numbers on map correlate to descriptions in Table 1-2.





FEATURES:

- RURAL RESIDENTIAL
- SINGLE FAMILY RESIDENTIAL
- MULTI-FAMILY RESIDENTIAL
- MOBILE HOME/TRAILER PARK
- MIXED RESIDENTIAL
- REGIONAL SHOPPING COMPLEX
- COMMERCIAL STRIP
- GENERAL COMMERCIAL
- COMMERCIAL OFFICE
- COMMERCIAL RECREATION
- GENERAL INDUSTRY
- PETROLEUM REFINING/PROCESSING
- TRANSPORTATION FACILITY
- COMMUNICATION FACILITY
- UTILITY
- WATER
- MILITARY
- EXTRACTION
- AGRICULTURE
- FLOOD PLAIN
- PUBLIC AND INSTITUTIONAL
- OPEN SPACE/RECREATION
- VACANT/UNDEVELOPED (LT 30%)
- VACANT/UNDEVELOPED (GT 30%)
- VACANT W/ IMPROVEMENTS
- ROAD
- RAILROAD
- AIRFIELD
- STREAM



**FIGURE 1-3
EXISTING OFF-BASE LAND USE
MCAS EL TORO BCP**

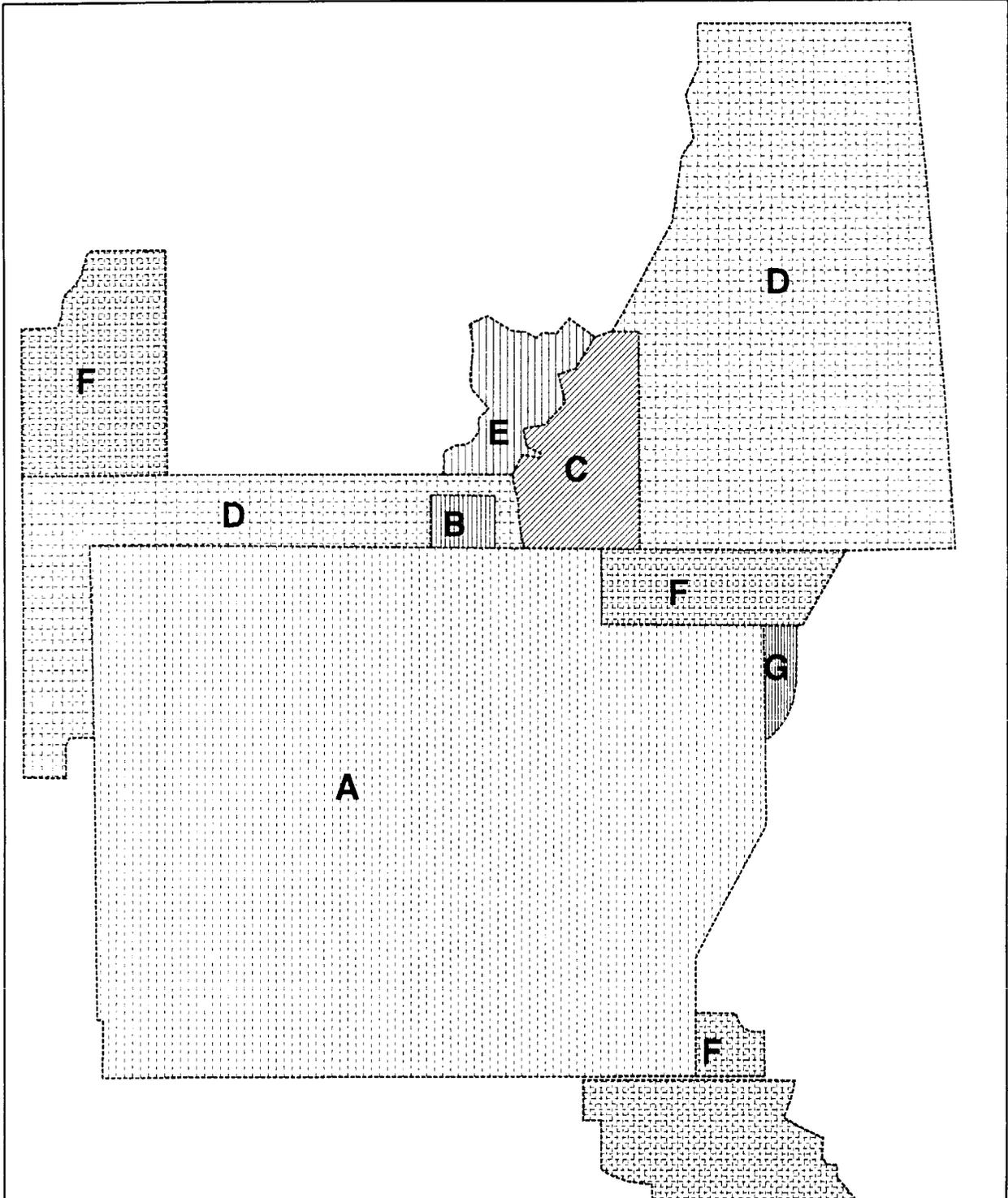
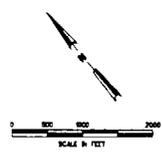
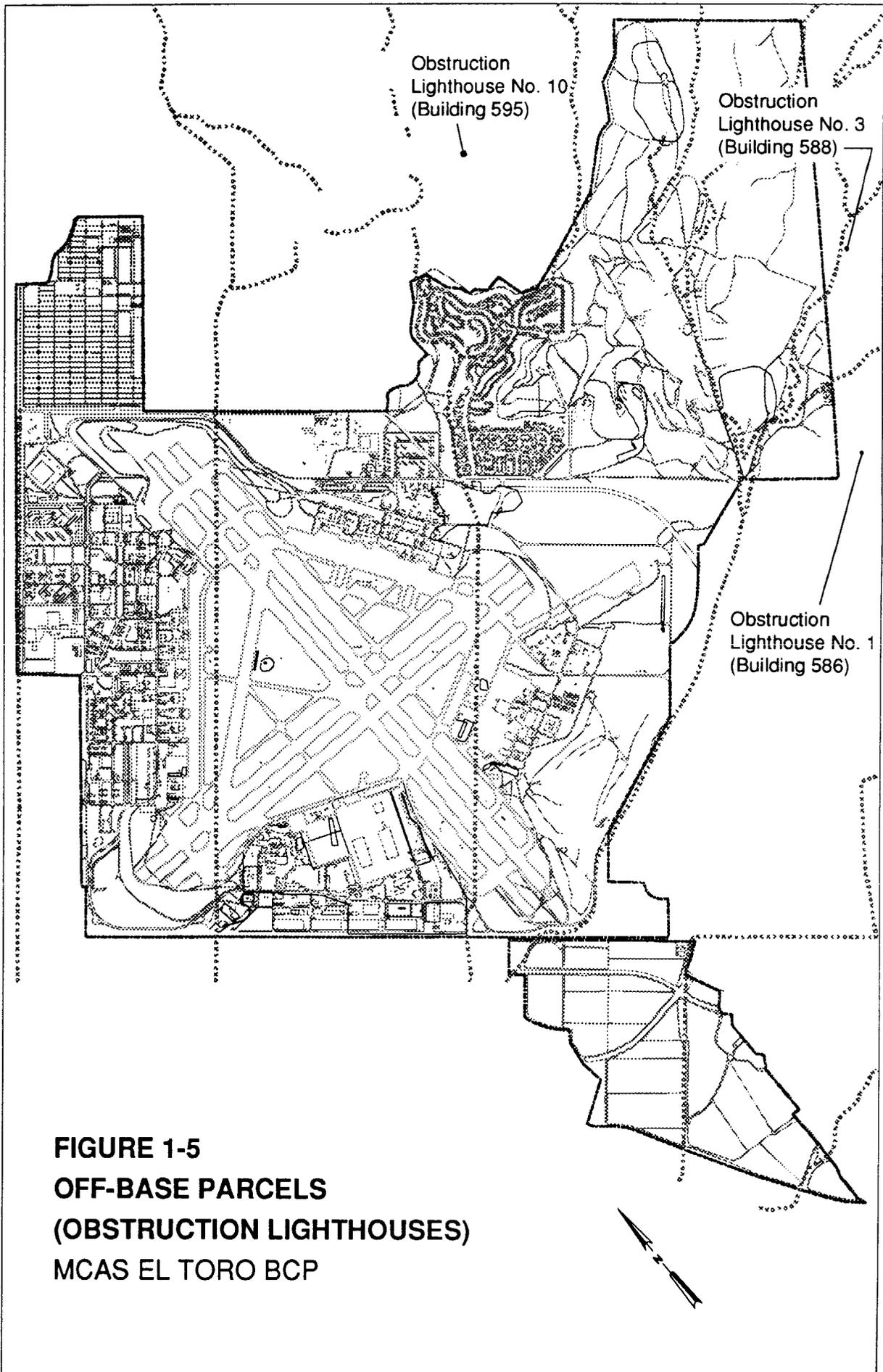


FIGURE 1-4
HISTORY OF LAND ACQUISITIONS
 MCAS EL TORO BCP

PARCEL	YEAR ACQUIRED	APPROXIMATE ACREAGE
A	1942	2319
B	1945	22
C	1952	161
D	1953	1403
E	1972	87
F	1976	729
G	1986	18





Chapter 2

Property Disposal and Reuse Plan

This section describes the status and strategy for real property disposal efforts at MCAS El Toro. The relationship between environmental cleanup efforts and property disposal efforts is also addressed.

2.1 STATUS OF DISPOSAL PLANNING PROCESS

The disposal process for MCAS El Toro will involve several inter-related activities, including identification of uncontaminated properties, development of a disposal plan, development of a community reuse plan, and preparation of National Environmental Policy Act (NEPA) documentation. The following subsections describe the status on these activities. In addition, possible reuse parcels are discussed.

Determination of Uncontaminated Properties. In 1992, Congress passed the Community Environmental Response Facilitation Act (CERFA) to facilitate the transfer of uncontaminated military properties for private development. (Public Law 102-425) amends Section 120(h) of CERCLA (42 U.S.C. Section 9620(h)) and provides a mechanism for identifying and documenting uncontaminated real property, or parcels thereof, at installations undergoing closure or realignment. defines uncontaminated property as "any real property on which no hazardous substances and no petroleum products or their derivatives, including aviation fuel and motor oil, were stored for one year or more, known to have been released, or disposed of."

In July 1993, President Clinton announced a five-part program to speed up economic recovery of communities where military bases are designated for closure. To implement this program, the Department of

Defense (DoD) issued a memorandum entitled *DoD Policy on the Implementation of the Community Environmental Response Facilitation Act (CERFA)*. This document requires an Environmental Baseline Survey (EBS) to be conducted to assess and determine what properties can be considered "uncontaminated" under CERFA. An EBS is based on existing information related to storage, release, treatment or disposal of hazardous substances or petroleum products on the property to determine or discover the obviousness of the presence or likely presence of a release or threatened release of any hazardous substance or petroleum product. In some cases, additional sampling may be required to support a determination of "uncontaminated."

The process for determining CERFA "uncontaminated" properties at MCAS El Toro was initiated in October 1993. An EBS for Station properties is currently being conducted. CERFA determinations are scheduled to be completed in 1995.

Reuse Planning and Documentation. To date, a reuse plan for MCAS El Toro has not been developed. A proposed reuse plan will be prepared by the El Toro Reuse Planning Authority (ETRPA) and submitted to the Navy. The ETRPA includes a nine-member Board of Directors and Executive Council that is made up of more than 50 representatives from Orange County, local cities, unincorporated communities near the Station, business organizations, universities and colleges, and advisory committees. The majority of the planning effort will be conducted by a master consultant, who has yet to be identified. The ETRPA Board of Directors will make the final decision on the reuse plan submitted to the Navy.

As part of the President's plan to expedite property disposal and reuse, DoD issued a memorandum entitled *DoD Guidance on Accelerating the NEPA Analysis Process for Base Disposal Decisions*. This guidance calls for NEPA-required EIS studies on property disposal and reuse to be completed within 12 months of receipt of a community reuse plan. The guidance also directs preparation of a single NEPA analysis that addresses both property disposal and reuse issues. However, because property disposal issues may occur prior to development of a community reuse plan, it is anticipated that separate NEPA documents will be prepared for property disposal and reuse. MCAS El Toro will prepare an EIS for property disposal. Per DoD guidance, this EIS will be prepared "using reasonable assumptions as to the likely reuse scenarios and their reasonable alternatives." The ETRPA will develop an EIS for proposed reuse alternatives.

Reuse Parcels. In the absence of a reuse plan for the Station, reuse parcels have been identified according to the Station's existing land use map presented in the Station's Master Plan (MCAS El Toro, 1991). For simplification of parcel boundaries and reduction of the number of parcels, the grouping of similar land uses (e.g., housing and community support) was done in some instances. The parcel boundaries were also set up so that no buildings are split and the various locations of concern (LOCs) are typically contained within a single parcel.

As shown in Figure 2-1 (Possible Disposal and Reuse Parcels Based on Existing Land Use), the primary existing land use at the Station is the airfield operation (designated as parcels 5A through 5D). A description of the parcels is provided in Table 2-1 (Reuse Parcel Data Summary).

2.2 RELATIONSHIP TO ENVIRONMENTAL PROGRAMS

Disposal and reuse activities at MCAS El Toro are closely related to the Station's environmental investigations, restoration, and compliance activities. Federal property transfers are dependent upon the environmental condition of the property. The and EBS processes provide a means of identifying "uncontaminated" parcels and making an assessment of the environmental condition of those properties. In the case of previously contaminated properties, CERCLA Section 120(h)(3)(B) requires property deeds to contain a covenant that all remedial actions necessary to protect human health and the environment have been taken. The CERFA amendments to CERCLA provides clarification of the term "remedial action." Under , remedial action has been taken if the construction and installation of an approved remedial design has been completed and the remedy has been demonstrated to the EPA to be operating properly and successfully. Thus, before transfer of "contaminated" properties can occur, required remedial actions must be selected and implemented.

Disposal of MCAS El Toro property will not be precluded because of solvent-contaminated groundwater that is present both on- and off-Station. The Station plans to enter into an agreement with the OCWD to share costs of a desalter plant that will capture and treat VOC-contaminated groundwater believed to be originating from the southwest quadrant of MCAS El Toro. An agreement with OCWD and an interim Record of Decision (ROD) for this remedial action is scheduled to be completed by the first part of 1995 (refer to Section 5.0 for schedule information).

Notwithstanding the preceding paragraphs, Section 2908 of the National Defense Authorization Act for Fiscal Year 1994 authorizes the Secretary of Defense to enter into agreements to transfer contaminated property to any person who agrees to perform all environmental restoration, waste management, and environmental compliance activities that are required for the property under federal and state laws, administrative decisions, agreements (including schedules and milestones), and concurrences. This section does not modify or alter the provisions of CERCLA. Therefore, the property will have to be in the condition required by CERCLA before the deed is executed on behalf of the United States. No such agreement to transfer may be entered into until the Secretary of Defense, in consultation with the Administrator, has prescribed implementing regulations.

2.3 PROPERTY TRANSFER METHODS

To date, none of the real property at MCAS El Toro has been transferred. Various property transfer methods are available for transfer of MCAS El Toro property. As Station properties are transferred, updates of this BCP should detail the properties transferred under the appropriate property transfer method discussed in the following sections.

2.3.1 Federal Transfer of Property

Federal and DoD screening for property has been initiated. On 1 October 1993, the SWDIV BRAC Office issued a Notice of Excess Property to DoD and federal agencies. The notice requested responses in the form of letters of interest within 30 days. Two interested parties responded:

Chapter 2 Property Disposal and Reuse Plan

Department of Justice (DoJ), Bureau of Prisons; and, Marine Reserve Force, Fleet Marine Force (FMF), USMC Reserve (USMCR).

Upon receipt of the responses, the SWDIV BRAC Office issued requests for the interested parties to submit an Application for Property within 60 days. Only the DoJ responded, requesting eight barracks and a dining facility located in the northwest quadrant of the Station. The DoJ is scheduled to make a presentation to the ETRPA on 23 March 1994. A decision on the application is due from the ETRPA in April 1994.

Screening for the homeless providers under the McKinney Act has been altered by the Pryor Amendments. The U.S. Department of Housing and Urban Development (HUD) must be notified of property not required for DoD or other federal uses. Within 60 days of a notification, HUD must determine suitability, notify the Secretary of Defense, and publish the information in the Federal Register. Thereafter, any qualified homeless provider has 60 days to submit a letter of interest and 90 days to file an application; HUD has 25 days to approve qualified applicants and submit them to the Navy. Any property not requested by qualified homeless providers must be held for a period of 1 year.

2.3.2 No-Cost Public Benefit Conveyance

After the conclusion of McKinney Act screening, notice will be given to state, local, and Indian tribal entities, as well as federal agencies tasked with sponsoring public benefit conveyances.

Chapter 2 Property Disposal and Reuse Plan

2.3.3 Negotiated Sale

Properties not conveyed for public benefit with specified uses may be acquired by public agencies without deed restrictions based on the fair market value. Property acquired through negotiated purchase may be used and resold without deed restrictions. Negotiated sale would permit the local agencies to control the transfer of MCAS El Toro property without the uncertainty of the competitive public bid process.

2.3.4 Widening of Public Highways

There are no existing plans to widen public highways that would affect MCAS El Toro.

2.3.5 Donated Property

There are currently no plans to donate any MCAS El Toro properties.

2.3.6 Interim Leases

Operational closure of MCAS El Toro is not anticipated until 1999. As of March 1993, numerous interim leases exist at the Station, as listed in Table 2-1 (Existing Legal Agreements/Interim Leases). Additional interim leases prior to operational closure of the Station may be considered on a case-by-case basis. No interim leases would be considered favorably if the result would impede Station operations.

Chapter 2 Property Disposal and Reuse Plan

2.3.7 Competitive Public Sale

The community, as represented by the ETRPA, may consider having portions of MCAS El Toro sold at competitive bid by the Navy.

Table 2-1 Reuse Parcel Data Summary MCAS EI Toro BCP							
Parcel	Acres	Priority	Parcel Description/ Proposed Reuse	Known Sites	Projected Transfer Date	Transfer Mechanism	Recipient
1A	55.2	TBD	Supply/storage, admin., maintenance / TBD	IRP-13,14; 68 other LOCs	TBD	TBD	TBD
1B	96.9	TBD	Com. support, housing / TBD	IRP-20 118 other LOCs	TBD	TBD	TBD
1C	38.5	TBD	Admin., recreation, housing, training / TBD	56 LOCs	TBD	TBD	TBD
1D	110.07	TBD	Housing, com. support, maintenance, recreation, admin. / TBD	IRP-15; 86 other LOCs	TBD	TBD	TBD
1E	2.6	TBD	Northern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
1F	55.5	TBD	Recreation / TBD	21 LOCs	TBD	TBD	TBD
1G	106.8	TBD	Housing, com. support, training / TBD	71 LOCs	TBD	TBD	TBD
2A	139.6	TBD	Airfield operations, supply/storage, maintenance, training / TBD	IRP-3/4; 131 Other LOCs	TBD	TBD	TBD
2B	110.7	TBD	Com. support, housing, school district, supply/storage / TBD	42 LOCs	TBD	TBD	TBD
2C	241.9	TBD	Housing, open land / TBD	21 LOCs	TBD	TBD	TBD
2D	7.4	TBD	Supply/storage (Tank Farm 555) / TBD	17 LOCs	TBD	TBD	TBD
2E	33.3	TBD	Northern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
2F	644.3	TBD	EOD Range, open land / TBD	IRP-1; 14 other LOCs	TBD	TBD	TBD
3A	67.8	TBD	Maintenance, admin., supply/storage, training / TBD	89 LOCs	TBD	TBD	TBD
3B	60.8	TBD	Ordnance, supply/storage / TBD	IRP-5; 2 other LOCs	TBD	TBD	TBD
3C	20.4	TBD	Agriculture / TBD	None	TBD	TBD	TBD
3D	8.8	TBD	Agriculture / TBD	None	TBD	TBD	TBD
3E	17.2	TBD	Agriculture / TBD	None	TBD	TBD	TBD
3F	178.6	TBD	Golf Course / TBD	29 LOCs	TBD	TBD	TBD
3G	27.7	TBD	Southern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
3H	6.5	TBD	Southern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD

Table 2-1 Reuse Parcel Data Summary MCAS El Toro BCP							
Parcel	Acres	Priority	Parcel Description/ Proposed Reuse	Known Sites	Projected Transfer Date	Transfer Mechanism	Recipient
3I	1.7	TBD	Southern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
4A	74.5	TBD	Maintenance, admin., training, com. support / TBD	IRP-24 (1); 125 other LOCs	TBD	TBD	TBD
4B	89.3	TBD	Supply/storage, maintenance / TBD	IRP-12, 24 (1); 53 other LOCs	TBD	TBD	TBD
4C	0.8	TBD	Southern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
4D	6	TBD	Southern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
4E	7	TBD	Southern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
5A	1548.6	TBD	Runways and airfield operations / TBD	IRP-6, 7, 8, 9, 10, 11, 16, 19, 21, 22, 24 (1); 180 other LOCs	TBD	TBD	TBD
5B	168.2	TBD	Northern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
5C	431.7	TBD	Eastern flight corridor (agriculture and open land) / TBD	IRP-2, 17; 14 other LOCs	TBD	TBD	TBD
5D	369.4	TBD	Southern flight corridor (agriculture) / TBD	None	TBD	TBD	TBD
Notes: TBD = to be determined (1) Site 24 (Possible VOC Source Area) traverses three parcels (i.e., 4A, 4B, and 5A).							

Table 2-2 Existing Legal Agreements/Interim Leases MCAS EI Toro				
Title of Interim Lease/ Legal Agreement	Building No./Areas	Date of Agreement	Parcel	Type of Outgrant
Alton Business Association	Landscaping & Maintenance Cont. No. N6871192RP02Q18	1988 to 30 JUN 97	NA	License
Bordiers Nursery	Agricultural Lease/205.52 Acres Cont. No. N6871103RP02021	Expires 31 OCT 97	NA	Agricultural Lease
Boy Scouts	Scout Activities/Bldg 38 Cont. No. N6871192RP02Q25	1987 to 31 JUL 95	NA	License
Boy Scouts	Scout Activities Cont. No. N6247487RP00Q70	1987 to 31 JUL 95	NA	Licence
Civil Air Patrol	Admin Off., Training & Support Fac. Bldg 328/Pend Avail of Bldg 38 Cont. No. N6871193RP03P84	1991 to 31 MAR 95	NA	License
Eckhoff, Ernest	Agricultural Lease (Par 4A04) 355 Acres Cont. # N6247405RP00Q36	1985 to JUN 94	NA	Agricultural Lease
EI Toro Marine Corps Federal Credit Union	Credit Union/0.91 Acres Bldg 743 Cont. No. N6071193RP03P21	Expires 30 APR 97	NA	Lease
EI Toro MCAS Civilian Credit Union	Credit Union/1500 SF Bldg. 304 Cont. No. N6247490RP00Q09	1990 to 30 JUN 95	NA	License
Federal Aviation Administration (FAA)	Moving Target Indicator/ Runway 7R-25L Cont. No. N6871190RP00P87	1990 to 31 AUG 94	NA	Lease
FAA	Moving Target Indicator/ Runways 16L&34R Cont. No. N6871190RP00Q02	1990 to 19 MAY 95	NA	License
FAA	Control Tower Cont. No. N6871191RP00P68	1991 to 29 FEB 96	NA	License
FAA & Department of Transportation	Air Traffic Control/ 0.33 acres at Bldg 372 Cont No. N6071191RP00P11	1991 to 27 AUG 95	NA	Agreement
The Irvine Company	Easement/1.32 acres Cont. No. N6247479RP00P91	1979 onward. No expiration date	NA	Agreement
The Irvine Company	Storm Drain/ 0.09 Acres Cont. No. N6247479RP00P92	1979 onward. Perpetual Easement	NA	Easement
The Irvine Company	Underground Elec. Line 0.52 Acres Cont No. N6247479RP00P93	1979 onward. Perpetual Easement	NA	Easement
The Irvine Company	Irrigation Water Pipeline 2.06 Acres Cont. No. N6247479RP00P95	1979 onward. Perpetual Easement	NA	Easement

Table 2-2 Existing Legal Agreements/Interim Leases MCAS EI Toro				
Title of Interim Lease/ Legal Agreement	Building No./Areas	Date of Agreement	Parcel	Type of Outgrant
The Irvine Company	Construct Slopes/1.32 Acres Cont. No. N6247479RP00P96	1979 onward. Perpetual Easement	NA	Easement
The Irvine Company	Easement/86.44 Acres	1983 to Indefinite	NA	Easement
The Irvine Company	Barranca Pkway Cont. No. N6247483RP00P77	NA	NA	Easement
The Irvine Company	Flood Control Improvements Cont. No. N6871192RP02Q17	Expires 14 SEP 95	NA	Licence
The Irvine Company	56 ft Access Road Project No. SW90 - 085	16 APR 92	NA	Easement
Irvine Industrial Research/Developmt	Landscape & Maintenance Cont. No. N6871192RP00P13	1992 to 30 AUG 96	NA	License
Irvine Ranch Water District	Water Transmission Line Cont. No. NP (R) - 32778	Perpetual Easement	NA	Easement
Irvine Ranch Water District	For Reservoir Cont. No. N6871192RP02P82	17 APR 93	NA	License
Irvine Ranch Water District	Enlarge Flow Control Facility Cont. No. N6247481RP00P20	25 FEB 93	NA	Easement
Irvine Ranch Water District	Water Pipeline/0.20 Acres Cont. No. N6247479RP09025	1979 onward. Perpetual Easement	NA	Easement
Irvine Ranch Water District	Water Transmission Line Cont. No. NF(R) 1483	NA	NA	Lease
Irvine Unified School District	School Site/10.73 Acres Cont. No. N6871191RP00P96	1991 to 30 JUN 96	NA	Lease
Los Alisos & EI Toro Water Districts	Water Transmission Main 3.78 Acres Cont. No. NOY (R) - 59550	Permanent Easement	NA	Easement
Magarro Farms	Agricultural Lease/421 Acres Cont. No. N6247489RP00Q14	1989 to 31 JUN 94	NA	Agricultural Lease
Not Known	Sale of severed parcels 1801 and 1802 (Alton Pkway) SW92 - 116	9 JUL 92	NA	Major Disposal
Orange County	Bake Pkway/Interstate 5 Expansion 25 Acres	9 JUL 92	NA	Major Disposal
Orange County	Right of Way	1987 to Indefinite	NA	Easement
Orange County	Easement - Irvine Blvd. Cont. No. N6247488RP00T05	1988 to Indefinite	NA	Easement
Orange County	Interim Road/3.06 Acres Cont. No. NOY (R) - 56107	Temporary	NA	Easement
Orange County	Water Pipeline/0.34 Acres Cont. No. NOY (R) - 69386	Permanent Easement	NA	Easement

Table 2-2 Existing Legal Agreements/Interim Leases MCAS EI Toro				
Title of Interim Lease/ Legal Agreement	Building No./Areas	Date of Agreement	Parcel	Type of Outgrant
Orange County	Road - Irvine Blvd. Cont. No. N6871192RP00P19	NA	NA	Easement
Orange County	Sale to Orange Co. for Alton Pkway (Congressional) SW92 - 041	9 JUL 92	NA	Major Disposal
Orange County Environmental Management Group	Traffic Signal at G-2/ Vehicle Detector Loop Cont. No. N6871193RP03Q08	31 JUL 93 to 31 JUL 96	NA	License
Orange County Water District	Construction and O & M of Wells and Pipelines related to Treatment of Groundwater (Desalter Project)	1992 to Indefinite	NA	Easement
Orange County Flood Control	Flood Control Channel/2.87 Acres Cont. No. N6247479RP00P94	1979 onward. Perpetual Easement	NA	Easement
Orange County Water District	Water Pipeline/8.89 Acres Cont. No. N6247481RP00P20	1981 onward. Perpetual Easement	NA	Easement
Pacific Tel.	Underground Telephone Line 0.19 Acres NOY (R) - 64721	Expires 13 JUN 2013	NA	Easement
SD Pipeline Co.	Petrol Transmission Pipeline Cont. No. NOY (R) - 67877	Expires 29 MAR 2013	NA	Easement
Sea Tree Nurseries	Access & Storage Cont. No. N6247489RP00Q15	1989 to Unknown	NA	License
Southern California Edison (SCE)	Water Pipeline/.01 Acres Cont. No. N6247482RP00P09	1982 to 15 OCT 2025	NA	Easement
SCE	Electrical Dist. Cont. No. N6247482RP00Q60	1982 to 11 JUN 2032	NA	Easement
SCE	Electrical Dist. Lines 0.032 Acres Cont. No. N6871191RP00P67	1991 to 14 MAY 96	NA	License
SCE	Fuse/Switch Slab Box Cont. No. N68711912RP00P85	1991 to 1 JUN 96	NA	License
SCE	Relocate Utility Cont. No. NOY (R) - 65723	Indefinite Agreement	NA	Agreement
Southern California Gas Company	Gas Pipeline/0.11 Acres Cont. No. NOY (R) - 62897	Expires 27 JUN 2012	NA	Easement
Young Marine Organization	Space for Weekend Use Cont. No. N6871192RP02Q23	30 JUN 92 to 30 JUN 95	NA	License
Young Marine Organization	Space for Weekend Use Cont. No. N6247487RP00Q65	Expires 30 JUN 95	NA	License
Notes: NA - Not Available Source: MCAS EI Toro Outgrant & Ingrant Listing as of 30 September 1991. MCAS EI Toro Installations Department Database Records, 6 January 1994.				

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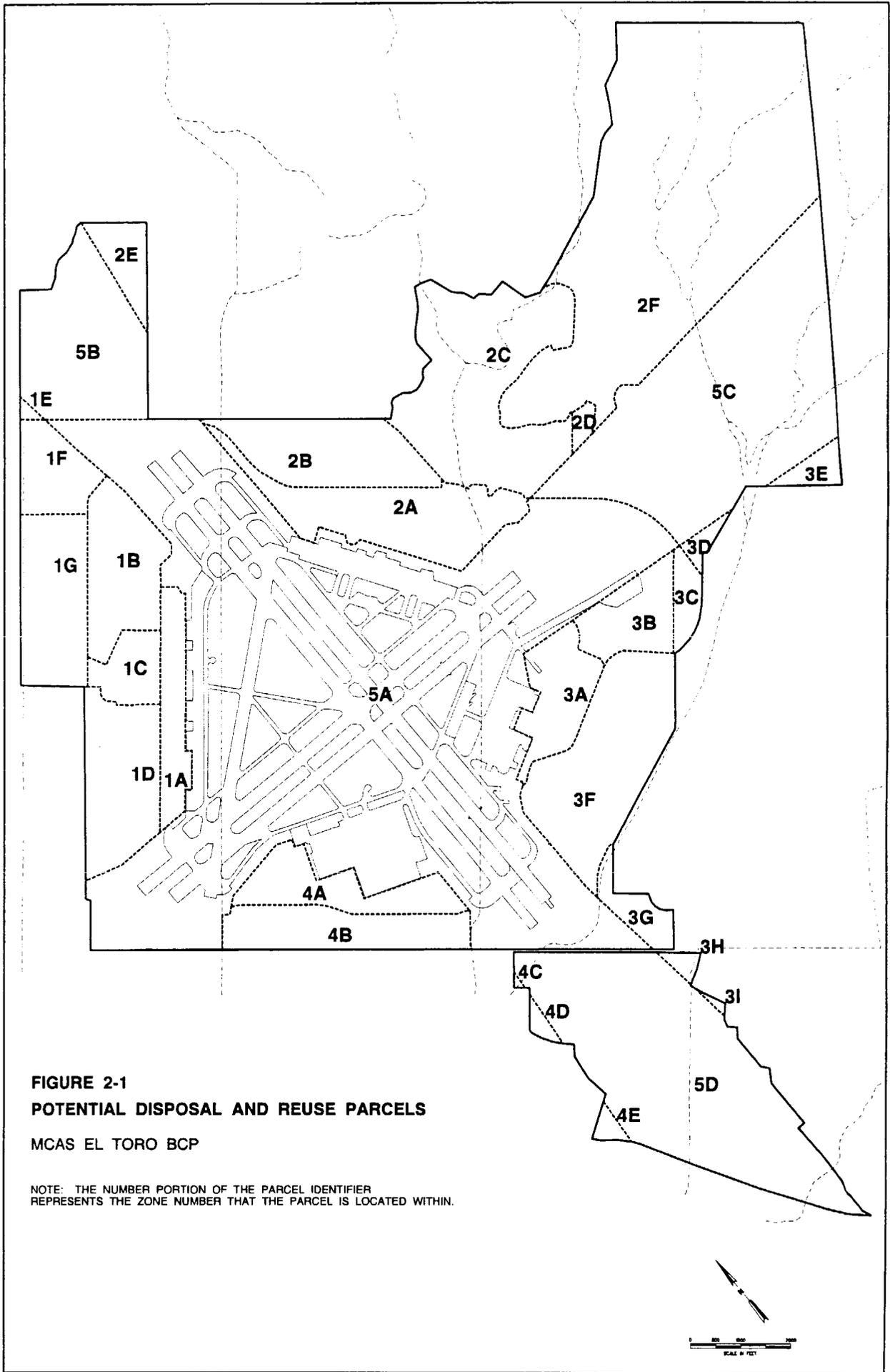


FIGURE 2-1
POTENTIAL DISPOSAL AND REUSE PARCELS
 MCAS EL TORO BCP

NOTE: THE NUMBER PORTION OF THE PARCEL IDENTIFIER REPRESENTS THE ZONE NUMBER THAT THE PARCEL IS LOCATED WITHIN.

Chapter 3

Installation-Wide Environmental Program Status

This section provides a summary of the current status of environmental restoration activities, installation-wide source discovery and assessment activities, and ongoing compliance activities at MCAS El Toro. Based on this information, an evaluation of the environmental condition of Station property is presented. A master database summarizing locations of potential environmental concern (referred to as locations of concern [LOCs]) at the Station is provided in Table 3-1 (Site Summary Table). Additional information on these locations is presented in issue-specific text and tables in this section. The status of community involvement with environmental restoration activities is also presented in this section.

3.1 ENVIRONMENTAL PROGRAM STATUS

The following sections provide a description and status of the Installation Restoration Program (IRP) activities at MCAS El Toro.

3.1.1 Restoration Sites

In June 1988, EPA recommended listing MCAS El Toro on the National Priorities List (NPL) of the Superfund Program under CERCLA. The listing was predicated on the presence of VOC contamination in the groundwater at the Station boundary and the detection of VOCs in the agricultural wells to the west. MCAS El Toro was placed on the NPL in February 1990.

In October 1990, EPA, the California Department of Toxic Substances Control (DTSC), the RWQCB, and the Department of Navy signed a Federal Facilities Agreement (FFA) to conduct an RI/FS for MCAS El Toro

following the NCP and EPA Guidance. Under the FFA, the Department of Navy is the lead agency; EPA and the California Environmental Protection Agency (Cal-EPA), which includes both the DTSC and the RWQCB, perform oversight roles.

The IRP being conducted at MCAS El Toro is currently in the Phase II investigation. Twenty-two sites were evaluated during the Phase I investigation, which was completed in May 1993. Site 23 (Wastewater Treatment Plant Sewer Lines) was evaluated in the Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) performed at the Station. The sewer lines were recommended for no further action in the RFA. However, the sewer lines are scheduled for additional investigation as part of a soil vapor survey being performed in the southwest quadrant of the Station.

The Draft Work Plan for the Phase II RI was completed in November 1993. Two new sites, Sites 24 (Possible VOC Source Area) and 25 (Station Drainages), were established for investigation in Phase II, thus bringing the total number of IRP sites to 24 (excluding Site 23). Table 3-1 includes the 24 IRP sites and provides a brief description of the sites. The site locations are shown in Figure 3-1 (Sites, Zones, and OUs Currently Under Investigation). The locations and extent of the RI/FS sites shown in this figure are based on site boundaries identified in the Phase II RI Work Plan (JEG, 1993b).

The IRP sites have been grouped into three operable units (OUs). As new data become available, the OU definitions may be re-evaluated and refined. The OU definitions can be modified at any time by agreement

among the parties to the FFA. The OUs at MCAS El Toro are defined as follows:

- o OU-1 consists of the groundwater on- and off-Station that is contaminated with constituents that have migrated from sources at MCAS El Toro. OU-1 consists of Site 18 (Regional Groundwater Investigation). At present, only VOCs have been found to meet this definition of OU-1.

- o OU-2 consists of the potential source areas of the regional groundwater contamination, primarily VOCs. Sites were re-evaluated for inclusion in OU-2 as part of the Draft Phase II RI/FS Work Plan. There are currently eight sites classified as OU-2 sites.

Site 4 (Ferrocene Spill Area) was formerly classified as an OU-3 site. As a result of aerial photograph reviews that show the area of Site 3 (Original Landfill) encompassing Site 4, the site has been combined with Site 3. These sites will be investigated in OU-2 in the Phase II RI as combined Site 3/4.

A new OU-2 site, Site 24 (Potential VOC Source Area), has been established for an expanded groundwater source investigation in the southwest quadrant of the Station.

During the Phase I RI, surface soils, sediments, and surface water in the Station washes were sampled and the results reported as part of Site 18 (OU-1). A new site, Site 25 (Major Drainages), will address the Station washes and be included in OU-2.

Chapter 3 **Installation-Wide Environmental Program Status**

- o OU-3 sites include those IRP sites not addressed in OU-1 and OU-2. The sites were primarily established under the IRP prior to the listing of MCAS El Toro on the NPL, and do not necessarily relate to the regional VOC contamination in groundwater. There are currently 15 sites classified as OU-3 sites.

The FS for OU-1 is currently being prepared under the Navy CLEAN Program. The Station plans to enter into an agreement with the OCWD for construction of a desalter plant which will capture and treat contaminated groundwater. Remediation is planned to consist of extraction wells and treatment system (installed as part of the desalter), to pump groundwater and remove solvent contamination believed to be emanating primarily from the southwest quadrant of the Station. Extraction wells have been proposed or installed at the southwest perimeter of the Station and in the southwest quadrant of the Station. An agreement with OCWD and an interim ROD for this remedial action is scheduled to be completed by the first part of 1995 (refer to Section 5.0 for schedule information).

Schedules for the OU-2 and OU-3 sites are currently being evaluated by the MCAS El Toro RI/FS Team. At this time, a soil gas survey and Phase II RI are scheduled to be conducted in 1994 or early 1995. Several early removal actions are currently being considered by the RI/FS Team.

To date, no early action items have been completed for the IRP sites. Possible early actions identified for IRP sites are discussed in Section 4.1.4. Table 3-3 (Early Action Status) will be revised in updates of this BCP as early actions for IRP sites are implemented or completed.

3.1.2 Installation-Wide Source Discovery and Assessment Status

An EBS for MCAS El Toro is currently being prepared. As discussed in Chapter 2, one of the main objectives of the EBS is to evaluate the environmental condition of property at the Station to facilitate property disposal. Available information from this ongoing study has been incorporated into this BCP. Updates of the BCP will include additional features of potential environmental concern identified in the EBS process.

In 1993, a survey of historic aerial photographs of MCAS El Toro was performed by SAIC (SAIC, 1993). The survey included photographs dating back to 1946. The photographs were reviewed for features/anomalies of potential environmental concern. Over 500 features/anomalies were identified by SAIC. A list of the features/anomalies identified in the survey is provided in Table F-1 in Appendix F. The features/anomalies related to IRP sites were evaluated and incorporated, if appropriate, in the Phase II RI Work Plan. The remaining features/anomalies have not been fully evaluated at this time.

3.2 COMPLIANCE PROGRAM STATUS

The following sections provide a summary of the status of compliance programs at MCAS El Toro. The status of mission/operational-related compliance program activities is summarized in Table 3-4 (Mission/Operational-Related Compliance Projects). Currently, no closure-related compliance projects or early actions related to compliance have been undertaken at the Station. As such activities are undertaken, Tables 3-5 (Closure-Related Compliance Projects) and 3-6 (Compliance Early Action Status) will be revised for updates of the BCP.

3.2.1 Storage Tanks

Storage tanks, including underground storage tanks (USTs) and aboveground storage tanks (ASTs), are addressed in the following sections. Also included in this section is a discussion of the fuel distribution systems (fuel pipelines) at the Station.

Underground Storage Tanks. A total of 408 USTs have been identified at MCAS El Toro. This total includes 85 active, 175 inactive, and 148 removed or abandoned tanks. A comprehensive inventory of MCAS El Toro USTs is provided in Table 3-7 (Underground Storage Tank Inventory). This table includes available information on tank characteristics, compliance actions, and known releases and sampling results, if applicable. Numerous USTs were sampled during the RFA conducted at the Station as indicated in the table.

The UST locations are plotted on a series of figures. Figure 3-2a (Key to UST Location Maps) delineates the sections of the Station encompassed by four area-specific maps. Figure 3-2b shows the northwest quadrant of the Station, Figure 3-2c shows the northeast quadrant of the Station, Figure 3-2d shows the southeast quadrant of the Station, and Figure 3-2e shows the southwest quadrant of the Station. These area-specific maps include all known USTs at the Station. The UST locations are based on available information, including Station maps, UST surveys, UST removal drawings, and RFA site visits. Information on the locations for some of the USTs was unavailable. In these cases, the UST Location Maps show the UST in the center of the nearest building.

Figures 3-2b through 3-2e also indicate the environmental condition of the UST locations based on available soil sampling information. Three categories are identified:

- o Contaminated USTs - UST locations with soil sample results greater than California Leaking Underground Fuel Tank (LUFT) levels. To date, 24 contaminated UST locations have been identified at the Station.
- o Clean USTs - UST locations where the tank has been removed and soil sample analytical results are below detection limits. To date, 11 clean UST locations have been identified at the Station.
- o Unevaluated USTs - A total of 373 UST locations at the Station require further evaluation. This category includes USTs that (1) are not evaluated, (2) have analytical results pending, or (3) have analytical results above detection limits but below LUFT values and are under review by the agencies.

USTs are managed by the MCAS El Toro Environmental Office (EO). Information on USTs was obtained from the Station's UST Inventory Database. These data were supplemented with information obtained from the RFA performed at the Station and other UST reports prepared for the Station. While significant information is presented in Table 3-7 for MCAS El Toro's USTs, some additional information and verification of current information will be needed.

The Orange County Health Care Agency (OCHCA), Environmental Health Division regulates USTs in Orange County and is the lead agency for UST

compliance for the Station. MCAS El Toro has not received a Permit to Operate USTs because the Station has not met UST monitoring and reporting requirements.

A Draft UST Monitoring Plan for the Station was prepared under the CLEAN Program (Contract No. N68711-89D-9296) in February 1993. After this plan is implemented, many of the Station's active USTs will be brought into compliance with monitoring and reporting requirements. The plan called for vadose zone monitoring at 32 USTs and monitoring using a quantitative release detection method at 25 USTs. Some testing of soil gas at these tanks was conducted in November 1993. During these tests, elevated petroleum levels were measured at USTs at Tank Farms 6 (UST 206) and 555 (USTs 549, 550, and 547). The highest vapor levels (greater than 3,500 ppm) were measured at tanks 206 and 550 (JEG, 1993c).

Benzene in groundwater has been identified in two areas at the Station. In the northeast quadrant of the Station, elevated benzene levels have been found in groundwater downgradient of Tank Farms 5 and 6. In the northwest quadrant of the Station, elevated benzene has been found in wells located side-gradient and downgradient of Tank Farm 2. These tank farms are planned to be investigated as potential sources of the benzene detected in groundwater in these two areas (refer to Section 4.2). The locations of these tank farms are shown in Figure 3-2c.

One UST at the Station (Tank 398) has been the subject of an extensive investigation being performed under the CLEAN Program (CTO No. 0150). This UST site is located in the northeast quadrant of the Station, approximately 1,500 feet northwest of Tank Farm 6. Tank 398 has been

removed and replaced with USTs 902A, 902B, and 902C. A UST investigation is currently being conducted under the direction of the Cal-EPA (RWQCB) to assess the extent of subsurface jet petroleum fuel (e.g., JP-5) contamination in the vicinity of Tank 398.

Aboveground Storage Tanks. There are currently 15 ASTs identified at MCAS El Toro. An inventory of ASTs at the Station is provided in Table 3-8 (Aboveground Storage Tank Inventory). ASTs are managed by the MCAS El Toro EO.

The RWQCB regulates ASTs storing petroleum products under the state's 1990 Aboveground Petroleum Storage Act, amended 1991. The law requires aboveground petroleum storage tank facilities with a single tank capacity of greater than 660 gallons or a cumulative capacity of greater than 1,320 gallons to (1) file a storage statement, (2) take action to prevent spills, and (3) monitor groundwater if necessary. To date, the Station has not filed AST storage statements with the RWQCB.

Fuel Supply Pipelines. Fuel supply facilities at MCAS El Toro are the responsibility of the Station Supply Department. JP-5 is received at MCAS El Toro via pipeline from an off-Station source and is distributed at the Station through a series of underground pipelines. The layout of the fuel supply pipelines is shown in Figures 3-2c and 3-2d.

JP-5 is supplied to MCAS El Toro via a 12-inch-diameter pipeline from Norwalk, California. The pipeline enters the Station from the northwest and supplies JP-5 to USTs in Tank Farm 555 located in the northeast portion of the Station. Tank Farm 555 supplies fuel through two steel pipelines (2- and 8-inch diameters) to Tank Farm 5. In the past, Tank

Farm 5 supplied fuel to UST 398, which has been removed and replaced with three USTs (902A, 902B, and 902C). These tanks supply four direct refuelers.

A 6-inch-diameter carbon steel fuel line is tied into one of the pipelines that extends from Tank Farm 555 to Tank Farm 5. This 6-inch pipeline supplies two refueling points located in the southeast quadrant of the Station, about one mile southwest of Tank Farm 555.

3.2.2 Hazardous Materials/Waste Management

Hazardous wastes generated at MCAS El Toro are accumulated in containers at satellite accumulation areas (SAAs). A total of 86 SAAs have been identified at the Station. A list of these SAAs is provided in Table 3-9 (Satellite Accumulation Area Inventory). Many of these SAAs were investigated during the RFA performed at the Station during 1991 to 1993 (refer to Section 3.2.7).

Materials may be stored at the SAAs for no more than 90 days. Waste containers from the SAAs are then transferred to the Station's RCRA-permitted storage facility (Building 673-T3) for ultimate offsite disposal. DTSC issued a RCRA permit for Building 673-T3 on 18 August 1993 (EPA ID No. CA6170023208). Prior to this date, the facility operated as an interim status facility without a permit. The permit expires on 18 August 2003. Building 673-T3 consists of five storage bays permitted to store several types of hazardous wastes, as indicated in Table 3-10 (Hazardous Materials Storage at RCRA-Permitted Building 673-T3). No other RCRA-permitted facilities are located at the Station.

Bulk petroleum recyclables, such as waste oil and fuel, are pumped from containers at SAAs and transferred to waste storage tanks until pickup by an outside contractor for recycling. Waste oil pumped from oil/water separators (OWSs) is also collected in waste storage tanks (refer to Section 3.2.9 for information on OWSs). The Installations Department pump truck is used to pump the waste oil and fuel. Bulk petroleum recyclables are stored at Tank Farm 3. Waste solvents are picked up from the SAAs or from the storage facility by an outside contractor for recycling.

Pesticides and herbicides have historically been used at the Station to control rodents and weeds. The Pest and Weed Section of the Installations Department is responsible for pest and weed control at the Station. Pesticide storage, both past and present, has occurred in Building 493. In addition, the golf course has stored pesticides in Building 1687 and, prior to 1959, in the area occupied by Building 464 (Brown and Caldwell, 1986). The locations of these pesticide storage areas are shown in Figure 3-1.

3.2.3 Solid Waste Management

The Solid Waste Management Program at MCAS El Toro is handled primarily through contracts with disposal services. Federal Disposal Services (FDS) currently provides the disposal service to both the operational and housing areas at MCAS El Toro. In addition, FDS provides curbside recycling in the housing areas and has set up several locations on the Station where dumpsters for recyclables can be accessed. FDS provides some small-scale asbestos disposal services for abatement projects performed by MCAS El Toro Maintenance personnel.

When asbestos materials are transported, FDS provides the Station with the manifest (The Environment Company, 1992).

Infectious waste generated at the medical and dental clinics is handled by Browning Ferris Industries (BFI). BFI picks up the infectious waste and transports it off-Station for incineration. BFI provides a disposal manifest to the Station for the activity (The Environment Company, 1992). Prior to using BFI for infectious waste disposal, these wastes were trucked from MCAS El Toro to the Naval Station Long Beach, California (Brown and Caldwell, 1986).

3.2.4 Polychlorinated Biphenyls (PCBs)

Polychlorinated biphenyls (PCBs) are regulated under the Toxic Substances Control Act (TSCA) (40 CFR 761). EPA classifies PCB units as follows:

- o 0 to 49 ppm - Non-PCB item
- o 50 to 499 ppm - PCB-contaminated item
- o 500 ppm or greater - PCB item

In addition, California Code of Regulations (CCR) Title 22 classifies PCB-containing liquids removed from equipment as hazardous waste. According to Title 22, liquids with PCB concentrations greater than or equal to 5 milligrams per liter (mg/L) must be disposed by incineration or treated to a PCB concentration of less than 2 mg/L.

PCB-containing equipment is managed by the MCAS El Toro EO and Installations Department. The Station's PCB Management Plan is

currently being updated by a contractor and is expected to be completed by mid-1994.

PCB Transformers. Several transformer inventories and PCB sampling events have been conducted at the Station. Documented current and former PCB transformer locations at MCAS El Toro are listed in Table 3-11 (PCB Transformer Inventory). The latest available inventory was obtained from the Naval Facilities Engineering Services Center (NFESC), formerly known as Naval Energy and Environmental Support Activity (NEESA). A Navy-wide PCB inventory is maintained by NFESC on a computer database. The database is updated annually with information received from individual facilities (e.g., MCAS El Toro). According to the NFESC inventory, 15 PCB transformers were in service at MCAS El Toro in 1993. The status of these transformers is not known. The completeness and accuracy of available information for PCB transformers at the Station may need to be verified.

A transformer location was investigated in the RFA performed at the Station. A PCB release reportedly occurred from the transformer located on the southern side of Building 457 (Database Tracking No. PCB T74). Identified as Solid Waste Management Unit/Area of Concern (SWMU/AOC) 244, shallow soil samples were collected at this location and PCBs were detected in one out of seven samples.

PCB Transformer and Equipment Storage Areas. Four locations at MCAS El Toro have been used in the past as storage areas for inactive PCB-containing transformers and/or equipment. All four storage areas are located in the southwest quadrant of the Station (refer to Figure 3-1).

One former transformer storage area is located southwest of South Marine Way, east of Bee Canyon Wash. This area was investigated as SWMU/AOC 7 in the RFA. This unpaved, fenced 2-acre storage area was established in 1990 or 1991. The storage area was intended to temporarily store transformers until they could be disposed off-Station. Approximately 20 to 30 transformers were stored in this area at the time of the RFA Visual Site Inspection (VSI) in 1991. As part of the RFA, soil samples were collected in the storage area. No transformers are currently stored in this area.

A second transformer storage area is located on the north side of Building 369. Portions of the area are paved. A portion of this storage area is being investigated in the RI/FS. RI/FS Site 11 (Transformer Storage Area) is a 30-square foot concrete pad located in the south-central portion of the storage area where leaks from PCB transformers have been documented. Approximately 50 to 75 transformers were stored on this pad during 1968 to 1983 (JEG, 1993b). The RI/FS boundaries encompass the storage pad, the unpaved areas bordering and to the north of the pad, and a lined drainage ditch south of the pad along the north side of Building 369. Non-PCB transformers are still stored in the area behind Building 369.

A third transformer storage area is located adjacent to Tank 175 (water reservoir). This area was constructed in 1991 and consists of a concrete pad with concrete berms. This area is currently used for storage of non-PCB transformers only. However, according to MCAS El Toro Installations Department staff, one PCB-containing transformer was stored in this area for a short time in the past (personal communication, P. Sherwood/MCAS El Toro Installations, February 1994).

A fourth PCB equipment storage area was identified at the equipment and drum storage area located on the north side of Building 324. During a routine site visit to MCAS El Toro, JEG staff discovered miscellaneous electronic equipment (e.g., switches, capacitors) being stored in the vicinity of a drum storage area (SWMU/AOC 95). The items were labelled with hazardous waste stickers indicating the contents as PCB-containing. The labels indicated that the items were in the custody of the DRMO.

Non-Transformer PCB Items. In 1991, Kennedy/Jenks Consultants conducted a survey of MCAS El Toro for items and equipment that possibly contain PCBs (Kennedy/Jenks Consultants, 1991). The objective of the survey was to identify PCB items/equipment, other than PCB transformers, that are regulated under federal and state regulations. Approximately 400 buildings were surveyed for possible PCB-containing items and equipment. Transformers and fluorescent light fixtures were excluded from this survey. Items containing dielectric fluid suspected of containing PCBs were sampled and analyzed. The survey identified 54 items suspected of containing PCB insulation or fluid. Twenty-nine of these items contained dielectric fluid and were sampled and analyzed for PCB content. Table 3-12 (Identified Non-Transformer PCB Items) lists these 29 items identified and summarizes the analytical results for these items. Because these 29 items are below 50 ppm, they are classified as non-PCB items and are not required to be removed from service. However, when these 29 items are disposed, the oil must be manifested as PCB oil.

Ballasts in fluorescent light fixtures made prior to 1980 may contain PCBs. A survey of Station buildings for PCB light ballasts has not been

conducted. Therefore, it is assumed that Station buildings constructed prior to 1980 have PCB light ballasts. According to Station records, 406 (about 66 percent of the total) buildings were constructed prior to 1980. These buildings are listed in Table 3-13 (Condition of Buildings).

3.2.5 Asbestos

Several surveys for asbestos-containing materials (ACMs) in buildings at MCAS El Toro have been conducted (Ecology and Environment, 1990, 1991, and 1992; and, IT Corporation, 1989). Approximately 44 percent (276 buildings) of the 617 buildings at MCAS El Toro were inspected during the surveys. ACMs were identified in 166 of the buildings; three of these buildings have been demolished, bringing the total number of buildings with identified ACMs to 163. These buildings, along with the results of the surveys, are listed in Table 3-14 (Buildings with Known Asbestos). No ACMs were identified in the other 110 buildings surveyed. Although ACMs were not found in these 110 buildings, an asbestos survey should probably be performed before major remodeling or demolition activities are undertaken. The Navy's general approach to asbestos management is to conduct abatement or maintenance, as necessary, to protect human health.

Because asbestos surveys have not been conducted at every building on Station, it is assumed for the BCP that asbestos may possibly be present in all structures built prior to 1980 that have not been surveyed. A list of buildings suspected of containing asbestos is provided in Table 3-13.

The Navy Public Works Center (NPWC), San Diego is currently inspecting MCAS El Toro Family Housing and related facilities for asbestos (personal

Chapter 3 Installation-Wide Environmental Program Status

communication, H. Mercuriali/NPWC, February 1994). In addition, a contract is currently being prepared for asbestos surveys at buildings constructed before 1980.

3.2.6 Radon

Radon is a radioactive gas produced by the disintegration of elemental radium. Radium is scattered in minute quantities throughout almost all classes of rocks. Radon levels in buildings are a function of underlying soils and rock, and building construction and ventilation. Radon may enter structures through basements, openings around pipes, sumps, cracks in floors, furnaces, and vents.

TSCA requires radon studies to be conducted in federal buildings and the results reported to EPA. Navy guidance requires Naval buildings and housing units occupied for over four hours per day to be tested for radon.

In 1991, a radon survey was conducted at MCAS El Toro in response to the Navy Radon Assessment and Mitigation Program (NAVRAMP). The NAVRAMP program followed EPA guidelines which consider radon levels of 4 picocuries per liter (pCi/l) or less as low risk and requiring no mitigative action.

The radon survey included the Station hospital (Building 431), the child care center (Building 656), and at approximately 185 locations in the family housing area. The radon screening results indicated no facilities or housing units sampled exceeded radon levels of 4 pCi/L. Thus, additional testing and mitigation is not required.

Station building records indicate that radium paint has been used in the past in Building 296. According to a building plan from 1944, a radium paint room was present on the second floor in the northeast corner of Building 296. Aircraft refurbishing operations are known to have occurred in Buildings 296 and 297 for a short period in the 1940s. Information on waste management associated with radium painting activities is not available. The radon survey did not include Building 296.

3.2.7 RCRA Facilities (SWMUs)

A RCRA Facility Assessment (RFA) was performed for the Station from 1991 to 1993. The objectives of the RFA were to identify and evaluate SWMUs and other AOCs with respect to the potential for releases of hazardous wastes to the environment, and to assess the need for further action at the SWMUs/AOCs. An additional objective of the RFA at MCAS El Toro was to identify potential sites for a fourth operable unit (OU-4) for the IRP.

The Final RFA Report was submitted on 16 July 1993. Three hundred seven SWMUs/AOCs were identified at the Station. A comprehensive inventory of the SWMUs/AOCs identified during the RFA is provided in Table 3-15 (Summary of SWMUs/AOCs). Based on the results of the PR and VSI, 140 SWMUs/AOCs were sampled during the RFA Sampling Visit (SV) to determine whether a release had occurred. The analytical results and recommendations for further action for the SWMUs/AOCs sampled are provided in the Final RFA Report (JEG, 1993d).

Chapter 3 **Installation-Wide Environmental Program Status**

Based on the SV results, 25 SWMUs/AOCs were recommended for further action. Five basic types of further action were recommended for SWMUs/AOCs:

1. **Include SWMU/AOC into a CERCLA program.** Two SWMUs/AOCs were recommended for further action in the RI/FS: SWMU/AOC 194 (Former Incinerator) and SWMU/AOC 300 (Solvent Spill Area). These two SWMUs/AOCs have been included in the investigation for IRP Site 3/4.

2. **Evaluate SWMU/AOC in a state program with additional borings.** SWMUs/AOCs with petroleum hydrocarbon contamination only and unknown extent of contamination were recommended for further action in a state program. Seven SWMUs/AOCs fall into this category of further action:
 - o 46 (Equipment Storage Yard)
 - o 175 (UST)
 - o 131 (Engine Test Cell)
 - o 176 (UST)
 - o 145 (UST)
 - o 280 (UST)
 - o 173 (OWS)

SWMUs/AOCs with potential shallow contamination (i.e., SWMUs/AOCs with an immobile contaminant such as PCBs or SVOCs present in a 10-foot sample) were recommended for further action in a state program. Three SWMUs/AOCs fall into

this category: 39 (Hazardous Waste Storage Area), 88 (Drum Storage Area), and 171 (Hazardous Waste Storage Area).

3. **Repair cracks in paved area and leave soil in place.** Seven SWMUs/AOCs were recommended for further action in a Navy program to repair cracked concrete to prevent future migration of moderate levels of petroleum hydrocarbons as a Best Management Practice (BMP) for the Station. These seven SWMUs/AOCs include:

- o 14 (Drop Tank Storage Area)
- o 204 (Vehicle Washrack)
- o 110 (Vehicle Washrack)
- o 213 (Vehicle Washrack)
- o 198 (Vehicle Washrack)
- o 260 (AST)
- o 201 (Vehicle Washrack)

4. **Evaluate UST or OWS in a state program.** Four SWMUs/AOCs with moderate levels of petroleum hydrocarbons adjacent to a tank bottom are recommended for further action (such as a leak test or inspection or removal) to assess whether the tank is releasing petroleum hydrocarbons to the soil. These four SWMUs/AOCs include:

- o 84 (OWS)
- o 199 (OWS)
- o 151 (OWS)
- o 298 (UST)

5. **Excavate shallow, stained soil.** Two SWMUs/AOCs (i.e., Numbers 26 and 33) that are hazardous waste storage areas have stains on an adjacent unpaved area. The RFA recommended that the shallow, stained soil at these SMWUs/AOCs be excavated and properly disposed. In addition, it was recommended that the Station no longer store drums outside of the storage areas.

No SWMUs/AOCs were recommended for inclusion into an OU-4. To date, the further actions recommended in the RFA have not been completed. A RCRA Facility Investigation (RFI) will not be conducted at the Station.

Various other SWMUs/AOCs that were not recommended for further action by the RFA have been included in the IRP. In response to agency comments, SWMU/AOC 90 (Former Sewage Treatment Plant) has been included for further investigation in RI/FS Site 12 (Sludge Drying Beds). RI/FS Site 25 will address the four Station washes identified as SWMUs/AOCs in the RFA (i.e., SWMUs/AOCs 3 [Marshburn Channel], 4 [Bee Canyon Wash], 5 [Borrego Canyon Wash], and 11 [Agua Chinon Wash]). In addition, the soil gas survey planned for RI/FS Site 24 (Possible VOC Source Area) will encompass numerous SWMUs/AOCs located in the southwest quadrant of the Station.

3.2.8 NPDES Permits

Stormwater runoff from the aircraft runways, parking areas, aircraft and vehicle maintenance areas, washrack areas and fueling areas from the Station is discharged into three washes (e.g., Marshburn Channel, Bee

Canyon Wash, and Agua Chinon Wash), which are tributaries of San Diego Creek. Discharges from these washes are addressed by a National Pollution Discharge Elimination System (NPDES) Permit (Order No. 93-16, NPDES No. CA 0106593) issued to the Station by the RWQCB, Santa Ana Region. The Station's EO is responsible for semiannual stormwater monitoring mandated by the permit. The Station is currently in compliance with the NPDES Permit. The permit expires on 01 March 1998.

Discharges to the sanitary sewer at MCAS El Toro are regulated by the County Sanitation Districts of Orange County. The County has issued Industrial Wastewater Discharge Permit No. 14-1-135 to the Station, which specifies effluent limits and monitoring and reporting requirements. The Station's EO is responsible for quarterly monitoring of wastewater effluent. The permit was issued in April 1993 and is effective through 30 April 1995.

3.2.9 Oil/Water Separators

OWSs are used at various locations at MCAS El Toro for wastewater pretreatment and meeting stormwater discharge requirements. Fifty-seven OWSs are currently located at the Station. This total includes 42 active and 5 inactive OWSs; the status of 10 OWSs is unknown. Nineteen of the OWSs have USTs associated with them. A comprehensive list of the OWSs is provided in Table 3-16 (Oil/Water Separator Inventory).

OWSs are managed by the MCAS El Toro EO. Information on OWSs was obtained from the Station's UST Inventory Database and an OWS survey

conducted in 1993 (Law/Crandall, 1993). These data were supplemented with information obtained from the RFA performed at the Station.

All but two of the OWSs are underground units. The two aboveground OWSs are located at Agua Chinon Wash and Bee Canyon Wash; these units were addressed in the RFA as SWMUs/AOCs 292 and 189, respectively (refer to Section 3.2.7 for a discussion of SMWUs/AOCs).

Under federal regulations, treatment units that are part of wastewater systems regulated under the NPDES program or which discharge to a public-owned treatment works (POTW) are exempt from hazardous waste permitting regulations. Under state regulations, treatment units with eligible hazardous waste streams are subject to Permit by Rule (PBR) regulations under the CCR Title 22, Division 4.5. These regulations require facilities having treatment units defined under these regulations to notify DTSC. Additional requirements include contingency and closure plans, and certification that releases have not occurred. The regulations have been amended under Assembly Bill 1772 to create a multiple-tiered permitting program. Under the tiered system, some treatment units (e.g., OWSs) are conditionally exempt from PBR regulations. The revised PBR regulations became effective in January 1993; notifications to DTSC were due by 1 April 1993.

In 1993, MCAS El Toro notified DTSC of 21 OWSs located at the Station, and on 01 January 1994, DTSC issued a conditional exemption for operation of these units. Table 3-16 indicates the OWSs specified in the conditional exemption. DTSC's authorization to operate continues

until the Station provides notification of stoppage of waste treatment and proper closure of the OWSs.

When the OWSs are removed, the sites must be closed under CCR Title 22. USTs associated with the OWSs have different closure requirements and must be closed under CCR Title 23.

3.2.10 Silver Recovery Units

In addition to the treatment units (i.e., OWSs) discussed in Section 3.2.9, two silver recovery units are operated at the Station. Silver recovery units are located at the Station's photograph laboratory (Building 443) and medical clinic (Building 439). These treatment units are regulated in the same manner as OWSs under PBR regulations. The silver recovery units are included in the conditional exemption issued to the Station by DTSC on 01 January 1994. (The Station's photograph laboratory has recently moved from Building 443 and is listed incorrectly as Building 312 in the conditional exemption). When the silver recovery units are removed, they must be closed under CCR Title 22.

3.2.11 Lead-Based Paint

At this time, no surveys of the Station's buildings for lead-based paint (LBP) have been performed. Navy policy regarding LBP on nonresidential structures is established in a policy letter dated 26 March 1992 (Navy, 1992). The Navy policy regarding nonresidential structures states that "painted surfaces of all facilities constructed, repaired, and/or maintained prior to 1980 should be assumed to contain lead."

According to Station building records, a total of 406 buildings currently located at the Station were constructed prior to 1980. Navy guidance states that these structures should be assumed to contain LBP. These buildings are listed in Table 3-13.

3.2.12 Air Emissions

MCAS El Toro has been issued 72 Permits to Operate for equipment located on-Station. This equipment is permitted by the South Coast Air Quality Management District (SCAQMD). The SCAQMD permits require compliance with certain conditions and source testing depending on the type of equipment. Many sources are not required to be tested due to the small size of the equipment.

MCAS El Toro must submit a pollution emissions inventory to the SCAQMD on an annual basis. The program is mandated by the Federal Clean Air Act (CAA) amendments of 1990 and is regulated by the SCAQMD. It is anticipated that a single facility permit will be issued by SCAQMD in July 1994 under the Regional Clean Air Incentives Market (RECLAIM). If approved by the EPA, the facility permit will comply with the Title V operating permit of the 1990 CAA amendments. All of the Station's current Permits to Operate expire in June 1994, at which time it is anticipated that a RECLAIM Permit will be in place, thus limiting the maximum annual emissions allowed. Currently, MCAS El Toro pays fees to the SCAQMD for each permit application and for emissions exceeding 2 tons per year. The RECLAIM Permit will outline all recording, monitoring, and reporting requirements for the Station.

The SCAQMD is also currently revising its 20-year Air Quality Management Plan (AQMP). The goal of the AQMP is to reduce the total air emissions in California in an attempt to bring the state into compliance with the EPA's air quality standards. An investigation has been conducted by the Station to assess the impact potential of the AQMP to the Station. It was recommended in the 1991 Master Plan that the AQMP should continue to be monitored by the Station.

In addition to the air permits discussed above, the Station's aircraft fire training exercises are also overseen by the SCAQMD. The Station has two concrete-lined burn pits located adjacent to RI/FS Site 16. The locations of these burn pits are shown in Figure 3-1. Both pits were constructed in 1988, but only one is currently used. The western burn pit was only used one time, and was then retired because of flaws in its construction. Only JP-5 is burned in the existing pit. Burns typically last three to ten minutes and are conducted approximately four to six times per month.

According to MCAS El Toro Crash Crew Department staff, Station policy is to notify the SCAQMD of all planned burns. In 1991, the SCAQMD issued a Notice to Comply requiring MCAS El Toro to notify them prior to each fire training exercise.

3.3 STATUS OF NATURAL AND CULTURAL RESOURCES

The following sections discuss the status of identification of natural and cultural resources at MCAS El Toro. These sections address threatened and endangered species, wetlands, surface waters, floodplains,

Chapter 3 **Installation-Wide Environmental Program Status**

archaeological resources, historic structures, and paleontological resources.

3.3.1 Ecological Resources

Approximately 80 percent of the native habitats of MCAS El Toro have been cleared for agriculture, housing, and Station operations. Native vegetation and animal species are primarily condensed in an approximately 900-acre area located in the northeast portion of the Station. Native habitat consists primarily of a mixture of native grasslands and coastal sage scrub. This area is known to support threatened and endangered species. USFWS has identified species of concern that may occur at MCAS El Toro (Table 3-17 (Special-Status Species at MCAS El Toro)). Two of these species (California Gnatcatcher and Cactus Wren) are known to occur in significant numbers at MCAS El Toro (memorandum from B. Wilson/MCAS El Toro Installations, 1994).

3.3.2 Wetlands

A biological survey performed at the Station by USFWS (USFWS, 1993) identified an ephemeral swale and a pond with associated wildlife species in a leased area of the EOD Range. USFWS recommended that further investigation of these areas be conducted to prevent degradation of these limited water resources by cattle grazing activities. No other wetlands areas are known to exist at the Station.

3.3.3 Floodplains

MCAS El Toro is situated at the outlets of four large canyons that produce storm flows during periods of heavy rainfall. Storm runoff from these canyons is channeled into Marshburn Channel, Bee Canyon Wash, Agua Chinon Wash, and Borrego Canyon Wash. The drainage channels flow southwesterly and are tributaries to San Diego Creek located southwest of the Station. Existing storm drain facilities on-Station consist of ditches and subsurface pipes that direct local runoff to the drainage channels (MCAS El Toro, 1991).

The MCAS El Toro Master Plan indicates that much of the Station lies within the 100-year flood plain due to undersized regional channel. The predicted 100-year flood plain resulting from off-Station runoff covers nearly 40 percent of the Station. The area encompassed by the predicted 100-year flood is shown in Figure 3-3 (Natural and Cultural Resources Features). The Master Plan indicates that the potential flooding problems at the Station would be alleviated by the year 2001 by the phased implementation of the Orange County Flood Control District's San Diego Creek Flood Control Master Plan.

3.3.4 Archaeological Resources

In 1987, the U.S. Army Corps of Engineers (COE) conducted an Archaeological Resources Assessment to identify possible archaeological sites at MCAS El Toro (COE, 1987). The area surveyed was confined to the approximate 900-acre area of undisturbed native soils located in the northeast portion of the Station. Ten minor archaeological sites and eight isolated artifactual findings contained wholly or partially within the

Chapter 3 **Installation-Wide Environmental Program Status**

Station's boundaries were identified. The locations of these archaeological sites are shown in Figure 3-3. The sites and findings tended to be located on ridge tops and at elevations above the Borrego Canyon Wash. According to the survey report, the majority of the findings observed during the assessment had been used by native American Indians for food procurement and processing. Seven of the ten archaeological sites were recommended for further evaluation to determine whether they are eligible for nomination to the National Register of Historic Places.

An archaeological survey has not been performed for the remainder of MCAS El Toro because native soils were completely disturbed during construction. Any artifacts would have been destroyed during development of the Station facilities (memorandum from B. Wilson/MCAS El Toro Installations, 1994).

3.3.5 Historic Structures

MCAS El Toro was established during World War II (WW II) and no structures earlier than this period are present at the Station. A survey WW II-age buildings at the Station was performed by the COE as part of a nationwide effort funded by DoD and approved by the Council on Historic Preservation. It was reported that, for the most part, the majority of the remaining WW II buildings at the Station have been greatly modified and are located in highly altered settings. The only building identified as possibly being eligible for listing on the National Historic Register was the Station's theater (Building 271). The location of this building is shown in Figure 3-3. The theater has been renovated numerous times and it is unlikely that it will meet eligibility requirements

for listing on the National Historic Register (memorandum from B. Wilson/MCAS El Toro Installations, 1994).

3.3.6 Paleontological Resources

A paleontological resources survey has not been performed at the Station. The area surrounding MCAS El Toro is known for its rich paleontological resources. It is anticipated that any reuse-related construction will require a preservation plan (memorandum from B. Wilson/MCAS El Toro Installations, 1994).

3.4 ENVIRONMENTAL CONDITION OF PROPERTY

The environmental condition of property at MCAS El Toro involves the categorization of the various locations of concern (LOCs) identified at the Station into one of the seven area types or categories identified in the BCP. LOCs are defined as locations or areas of environmental concern such as RI/FS sites, USTs, ASTs, OWSs, SAAs, PCB locations, RFA SWMUs/AOCs, and buildings with ACMs, LBP, and/or PCB-containing light fixtures. These items are discussed and tabulated in Sections 3.1 (Environmental Program Status) and 3.2 (Compliance Program Status).

The LOCs identified at MCAS El Toro are categorized into the following seven area types (BCP Area Types):

- 1) Areas where no storage, release, or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas)

Chapter 3 **Installation-Wide Environmental Program Status**

- 2) Areas where only storage of hazardous substances or petroleum products has occurred (but no release, disposal, or migration from adjacent areas has occurred).
- 3) Areas where storage, release, disposal, and/or migration of hazardous substances or petroleum products has occurred, but at concentrations that do not require a removal or remedial action.
- 4) Areas where storage, release, disposal, and/or migration of hazardous substances or petroleum products has occurred, and all remedial actions necessary to protect human health and the environment have been taken.
- 5) Areas where storage, release, disposal, and/or migration of hazardous substances or petroleum products has occurred, removal and/or remedial actions are underway, but all required remedial actions have not yet been taken.
- 6) Areas where storage, release, disposal, and/or migration of hazardous substances or petroleum products has occurred, but required response actions have not yet been implemented.
- 7) Areas that are unevaluated or require additional evaluation.

The current status of the environmental condition of property at MCAS El Toro has been categorized according to the seven BCP Area Types listed above. Each LOC identified at the Station (refer to Table 3-1) has been evaluated and assigned a BCP Area Type. The Area Types are shown graphically in Figure 3-4 (Environmental Condition of Property). In this

figure, each LOC is displayed with a 100-foot buffer zone. Each BCP Area Type is assigned a unique pattern; a more limiting BCP Area Type over-writes a less limiting BCP Area Type when overlap of buffer zones occurs. For example, Area Type 5 LOCs over-write Area Type 4 LOCs. The following sections summarize the types of LOCs in each of the seven BCP Area Types.

3.4.1 BCP Area Type 1 (Areas Where No Storage, Release, or Disposal Has Occurred)

This category for areas where no storage, release, or disposal has occurred corresponds to the CERFA definition for clean parcels. The only LOCs at the Station qualifying as BCP Area Type 1 are those SWMUs/AOCs that were evaluated in the PR and VSI portions of the RFA, and were found to be areas where no storage, release, or disposal of hazardous materials occurred. All other LOC types other than this small group of SWMUs/AOCs are excluded from BCP Area Type 1.

3.4.2 BCP Area Type 2 (Areas Where Only Storage Has Occurred)

BCP Area Type 2 includes those LOCs where available information indicates that only storage of hazardous materials has occurred or is ongoing, and no release(s) have been documented. LOCs identified at the Station as Area Type 2 include the following:

- o SAAs, PCB transformer locations, and other RFA SWMUs/AOCs that have shown no evidence of release as determined by visual inspections or soil sampling results.

Chapter 3 **Installation-Wide Environmental Program Status**

- o UST removal sites where soil sample analytical results are below detection limits.

3.4.3 BCP Area Type 3 (Areas Where Storage, Release, Disposal, and/or Migration Has Occurred, but Require No Remedial Action)

BCP Area Type 3 includes those LOCs where available information indicates that a release has occurred, but that sampling results indicate that no remedial action is required. BCP Area Type 3 LOCs identified at the Station include:

- o RFA SWMUs/AOCs that were included in the Sampling Visit and, based on the soil sample results, were recommended for no further action.
- o UST removal sites where soil sample analytical results were detected below LUFT levels. Closure of these sites is pending agency approval.

3.4.4 BCP Area Type 4 (Areas Where Storage, Release, Disposal, and/or Migration Has Occurred, and All Remedial Actions Have Been Taken)

Currently, no BCP Area Type 4 LOCs are known to exist at the Station.

3.4.5 BCP Area Type 5 (Areas Where Storage, Release, Disposal, and/or Migration Has Occurred and Action is Underway, but Not Final)

Currently, no BCP Area Type 5 areas are known to exist at the Station.

3.4.6 BCP Area Type 6 (Areas Where Storage, Release, Disposal, and/or Migration Has Occurred, but Required Response Actions Have Not Been Taken)

BCP Area Type 6 sites are those areas where response actions have been identified but have not been implemented. LOCs identified at the Station as BCP Area Type 6 include:

- o UST removal sites with soil contamination that has not yet been remediated
- o RFA SWMUs/AOCs recommended for response actions (e.g., repair of cracks in pavement, excavation of shallow stained soil)

3.4.7 BCP Area Type 7 (Unevaluated Areas or Areas Requiring Additional Evaluation)

This category encompasses areas at the Station that, based on available information, are unevaluated or require additional evaluations. LOCs where data gaps exist are included in this category. BCP Area Type 7 LOCs include the following:

- o IRP sites being evaluated in the ongoing RI/FS Program being performed at the Station.
- o Currently in-place USTs, OWSs, and ASTs at the Station, with the exception of those that were found to be contaminated (BCP Area Type 6) based on RFA sampling visit.

- o RFA SWMUs/AOCs that were recommended for additional investigation (i.e., soil borings) or inclusion into the RI/FS Program based on Sampling Visit results.
- o Buildings with a potential for asbestos, LBP, and/or PCB-containing light ballasts. It is assumed that these buildings may need to be surveyed prior to major remodeling or demolition.
- o Miscellaneous LOCs, including the active and inactive lined burn pits, pesticide storage areas, transformer storage area, PCB equipment storage area, and RCRA-permitted facility.

3.4.8 Suitability of Installation Property for Transfer by Deed

Final determinations on the suitability of Station property for transfer have not yet been made. Identification of uncontaminated parcels under CERFA will be made after preparation of CERFA and EBS documents and concurrence by the agencies. Based on the information presented in Section 3.4.7, none of the parcels identified at MCAS El Toro appears to be currently suitable for transfer as a whole. Creation of subdivisions of parcels may be considered to expedite property transfer.

3.5 STATUS OF COMMUNITY INVOLVEMENT

Community relations activities that have taken place at MCAS El Toro to date include the following:

- o **Environmental Impact Statement Process.** No EISs for base closure have been prepared for MCAS El Toro, however, EISs will

be developed as a component of property disposal and reuse. During development of these EISs, several public scoping meetings will be held. Public comments on the draft EIS documents will be considered and addressed in the final versions of the EISs.

- o **Federal Facility Agreement Process.** In October 1990, the USMC, EPA, and Cal-EPA (DTSC and RWQCB) signed a FFA. This agreement established a schedule for each environmental study and defined the responsibilities of each party. This cooperative agreement is intended to help accelerate and streamline the IRP at MCAS El Toro. The IRP is the Navy equivalent to the EPA CERCLA process.

- o **Information Repositories.** A public information repository has been established in the City of Irvine at the Heritage Park Public Library and a second information repository at the MCAS El Toro Library, Building 280. Information repositories have been established to provide public access to technical reports and other information about the investigation and cleanup of MCAS El Toro.

- o **Administrative Record.** The administrative record will be maintained at the MCAS El Toro Environmental Department; a similar set of these documents are maintained at the information repositories. The administrative record is a file of all documents that contribute to remediation decisions made for MCAS El Toro. The record, which will be maintained for at least 10 years after remediation is completed in accordance with CERCLA

requirements, will serve as a legal and public information resource.

- o **Community Relations Plan.** A CRP for MCAS El Toro was prepared and issued on 28 February 1991. The CRP has been approved by EPA and DTSC.

- o **Technical Review Committee/Restoration Advisory Board.** A technical review committee (TRC), which meets on an as-required basis, has been established for MCAS El Toro. In addition to MCAS El Toro staff, EPA, and Cal-EPA representatives, the TRC includes representatives from the OCWD, Woodbridge Village Association, Irvine Ranch Water District (IRWD), The Irvine Company, City of Irvine Emergency Management Department, Orange County Environmental Management Agency, SCAQMD, and the OCHCA.

The existing TRC is being expanded to become a Restoration Advisory Board (RAB). The RAB will work in partnership with the BCT to expedite the cleanup of MCAS El Toro and transfer the property to the local community for reuse. The RAB will review and provide input on decisions concerning cleanup alternatives and priorities. An introductory RAB formation meeting was held on 13 January 1994. Final selection of RAB members will be completed in March 1994.

- o **Technical Assistance Grant.** No local community or environmental group has requested or received a Technical Assistance Grant (TAG) from EPA. The purpose of these grants,

up to \$50,000, is to assist citizen groups in understanding technical information that assesses potential hazards and the selection and design of appropriate response actions at Superfund sites.

- o **Mailing List.** A mailing list of interest citizens, local officials, media representative, and environmental groups is maintained by the MCAS El Toro Installation Restoration Project Manager (IRPM). The mailing list is continuously updated as requests for information are received.

- o **Fact Sheets.** Fact sheets and information flyers describing the status of IRP activities at MCAS El Toro are distributed to the mailing list, information repositories, local homeowner's associations, schools, and other outlets. Fact sheets have been issued as follows:

November 1991 - Information Update/IRP Process

December 1992 - Information Update (flyer)

December 1993 - Phase I RI Results

December 1993 - RAB Formation (flyer)

- o **Public Meetings.** Public meetings on the environmental programs at MCAS El Toro were held as follows:

19 and 20 June 1992 - Open House

13 January 1994 - RAB Formation Meeting

- o **Proposed Plan Hearings.** MCAS El Toro is in the study phase of the CERCLA process. Public hearings on proposed remedial action plans will be conducted after a 30-day public comment period, as required by CERCLA.

- o **Reuse Committee.** Under a joint powers agreement, the Cities of Irvine and Lake Forest in Orange County have formed the MCAS El Toro Reuse Planning Authority (ETRPA), whose primary objective is to prepare and submit a Community Reuse Plan to the Navy. The ETRPA organizational structure includes a 9-member Board of Directors, an Executive Council which is comprised of more than 50 representatives from the county, cities, unincorporated communities near the Station, business organizations, universities and colleges, and advisory committees. The ETRPA Board of Directors includes five representatives from the Orange County Board of Supervisors, three representatives from the City of Irvine, and one representative from the City of Lake Forest. Formal signing of the joint powers agreement is scheduled to be completed by the end of March 1994.

The ETRPA Board of Directors held its first meeting on 26 January 1994 and reached a consensus on the reuse program management approach. On 1 February 1994, the ETRPA issued a request for qualifications in a nationwide search for a master consultant to assist the planning authority in developing a Community Reuse Plan for MCAS El Toro.

Chapter 3 Installation-Wide Environmental Program Status

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**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
2F	1	IRP 1	IRP	Explosive Ordnance Disposal Range	Excess ordnance which included sulfur trioxide chlorosulfonic acid.	1952 to 1982	RI in progress	Stratum 1: < 0.01	FFA		
5C	2	IRP 2	IRP	Magazine Road Landfill	Inert and municipal solid waste, unspecified industrial wastes, lead batteries, transformers, household refuse, hydraulic fluid, unspecified waste fuels, crankcase oil, lead-based paint residue, and scrap metal.	1950 to 1980	RI in progress	Stratum 1: 0.22 Stratum 2: < 0.01	FFA		
2A	3	IRP 3/4	IRP	Original Landfill and Ferrocene Spill Area (1)	Municipal solid waste, scrap metal, incinerator ash, construction debris, paint residues, unspecified oily wastes, industrial solvents, hydraulic fluid, engine coolants, and ferrocene spill material from engine test center.	1943 to 1955	RI in progress	Stratum 1: 1.01 Stratum 2: 8.34	FFA		Includes SWMUs/AOCs 10, 194, & 300
3B	4	IRP 5	IRP	Perimeter Road Landfill	Municipal solid waste, unspecified fuels, solvents and cleaning fluids, scrap metals, paint residues, and unspecified oily wastes.	1955 to late 1960s	RI in progress	Stratum 1: 0.27	FFA		
5A	5	IRP 6	IRP	Drop Tank Drainage Area No. 1	Rinsed aircraft drop tanks. Wastes included JP-5 and lubrication oils.	1969 to 1983	RI in progress	Stratum 1: 0.06 Stratum 2: 0.02 Stratum 3: 1.03	FFA		Includes SWMU/AOC 236
5A	6	IRP 7	IRP	Drop Tank Drainage Area No. 2	JP-5 and lubrication oils in rinse water from aircraft drop tanks.	1969 to 1983	RI in progress	Stratum 1: 51.75 Stratum 2: < 0.01 Stratum 3: 69.49 Stratum 4: < 0.01 Stratum 5: 10.30	FFA		
4B	7	IRP 8	IRP	DRMO Storage Yard	Release of PCB-containing transformer fluid.	Mid -970s to present	RI in progress	Stratum 1: 47.92 Stratum 2: < 0.01 Stratum 3: 1,006.75 Stratum 4: 81.40 Stratum 5: < 0.01	FFA		Includes SWMUs/AOCs 71 & 72
5A	8	IRP 9	IRP	Crash Crew Pit No. 1	Burned leaded AVGAS, JP-5, and crankcase oil in unlined pits for fire training.	1965 to 1971	RI in progress	Stratum 1: 0.30	FFA		Includes SWMUs/AOCs 104, 105, & 106
5A	9	IRP 10	IRP	Petroleum Disposal Area	Crankcase oil, antifreeze, hydraulic and transmission fluids, motor fuel and solvent.	1952 to present	RI in progress	Stratum 1: 12.13 Stratum 2: < 0.01	FFA		

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Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4A	10	IRP 11	IRP	Transformer Storage Area	Stored PCB-containing transformers.	1968 to 1983	RI in progress	Stratum 1: 124.67 Stratum 2: 90.09	FFA		
4B	11	IRP 12	IRP	Sludge Drying Beds	Wastewater sludges applied to land.	1943 to 1972	RI in progress	Stratum 1: 31.42 Stratum 2: 3.24 Stratum 3: 86.24	FFA		
1A	12	IRP 13	IRP	Oil Change Area	Releases of crankcase oil.	1977 to 1983	RI in progress	Stratum 1: 1.00 Stratum 2: 6.67	FFA		Includes SWMU/AOC 90
1A	13	IRP 14	IRP	Battery Acid Disposal Area	Vehicle battery acid, lubrication oil, and paint residue.	1977 to 1983	RI in progress	Stratum 1: 115.29 Stratum 2: 18.72	FFA		
1D	14	IRP 15	IRP	Suspended Fuel Tanks	Diesel fuel leaked onto soil.	1979 to 1984	RI in progress	Stratum 1: 0.02	FFA		
5A	15	IRP 16	IRP	Crash Crew Pit No. 2	Burned JP-5, AVGAS, hydraulic fluid, crankcase oil, white phosphorus, magnesium phosphate, and napalm in unlined pits for fire training.	1972 to 1985	RI in progress	Stratum 1: < 0.01 Stratum 2: 0.07 Stratum 3: 0.01	FFA		
5C	16	IRP 17	IRP	Communications Station Landfill	Landfilled cooking grease, oils, fuels, and municipal debris.	1981 to 1983	RI in progress	Stratum 1: 10.89 Stratum 2: 0.31	FFA		
NA	17		IRP	Regional Groundwater Investigation (2)	Regional VOC groundwater contamination.		FS in progress		FFA		
5A	18	IRP 19	IRP	Aircraft Expeditionary Refueling (ACER) Site	Fuel storage area experienced minor fuel spills and leaks throughout operational history. A 15,000-gallon JP-5 spill occurred in 1986. Affected soil excavated and replaced.	1964 to 1987	RI in progress	Stratum 1: 43.56 Stratum 2: 0.02 Stratum 3: <0.01	FFA		
1B	19	IRP 20	IRP	Hobby Shop	Kerosene was formerly used to wash down pavement, collected in oil/water separators which discharge to nearby drainage ditches. Stained soil from petroleum products.	1967 to present	RI in progress	Stratum 1: < 0.01 Stratum 2: 2.13 Stratum 3: 18.83 Stratum 4: 0.21	FFA		
4B	20	IRP 21	IRP	Materials Management Group, Building 320	Outdoor drum storage area for chemical storage, including temporary storage of chemicals with expired shelf lives.	1964 to 1986	RI in progress	Stratum 1: 0.15	FFA		Includes SWMU/AOC 94
5A	21	IRP 22	IRP	Tactical Air Fuel Dispensing System (TAFDS)	Air fueling station with history of undocumented fuel spills and leaks. Location of several fuel bladder reventments.	1980 to 1986	RI in progress	Stratum 1: 10.61 Stratum 2: 0.02	FFA		

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4A,4B, 5A	22	IRP 24	IRP	Possible VOC Source Area (4)	Various activities in this area, including former metal plating operations, may have contributed to the regional VOC groundwater contamination.		RI in progress		FFA		
NA	23		IRP	Major Drainages - Bee Canyon Wash - Marshburn Channel - Agua Chinon Wash - Borrego Canyon Wash	Four drainage channels that flow through or adjacent to the Station receive stormwater discharges from the Station.		RI in progress		FFA		Includes SWMUs/AOCs 3, 4, 5, and 11
2A	24	AST 126	AST	AST 126 located at Building 126							
5A	25	AST 155	AST	AST 155 located at Building 155							
1A	26	AST 245	AST	AST 245 located at Building 245							
4B	27	AST 317C1	AST	AST 317c1 located at Building 317(c1)							
3A	28	AST 390A	AST	AST 390A located at Building 390							
3A	29	AST 390B	AST	AST 390B located at Building 390							
1B	30	AST 626	AST	AST 626 located at Building626							
2A	31	AST 637	AST	AST 637 located at Building 637							
1G	32	AST 651	AST	AST 651 located at Building 651							
1G	33	AST 663	AST	AST 663 located at Building 663							
5A	34	AST 670	AST	AST 670 located at Building 670							
4A	35	AST 717	AST	AST 717 located at Building 717							
5A	36	AST 753	AST	AST 753 located at Building 753							
4B	37	AST 797	AST	AST 797 located at Building 797							
0	38	AST 862	AST	AST 862 located at Building 862							
1A	39	UST 1A	UST	UST 1A							
1C	40	UST 1B	UST	UST 1B							
5A	41	UST 6A	UST	UST 6A							
5A	42	UST 6B	UST	UST 6B							
1A	43	UST 11	UST	UST 11							
1A	44	UST 12	UST	UST 12							
1A	45	UST 13	UST	UST 13							
1A	46	UST 14	UST	UST 14							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1A	47	UST 24	UST	UST 24							
1D	48	UST 32	UST	UST 32							
1D	49	UST 33	UST	UST 33							
1D	50	UST 34	UST	UST 34							
1D	51	UST 35	UST	UST 35							
1D	52	UST 37	UST	UST 37							
1D	53	UST 38	UST	UST 38							
1D	54	UST 40	UST	UST 40							
1D	55	UST 41	UST	UST 41							
1D	56	UST 42	UST	UST 42							
1D	57	UST 43	UST	UST 43							
1D	58	UST 44	UST	UST 44							
1D	59	UST 45	UST	UST 45							
1D	60	UST 46	UST	UST 46							
1D	61	UST 47A	UST	UST 47A							
1D	62	UST 47B	UST	UST 47B							
1D	63	UST 47C	UST	UST 47C							
1D	64	UST 53	UST	UST 53							
1C	65	UST 54A	UST	UST 54A							
1C	66	UST 54B	UST	UST 54B							
NL	67		UST	UST 55A							
NL	68		UST	UST 55B							
1C	69	UST 56A	UST	UST 56A							
1C	70	UST 56B	UST	UST 56B							
1C	71	UST 56C	UST	UST 56C							
1C	72	UST 57	UST	UST 57							
1C	73	UST 58	UST	UST 58							
1C	74	UST 59	UST	UST 59							
1C	75	UST 60	UST	UST 60							
1C	76	UST 62	UST	UST 62							
1B	77	UST 63A	UST	UST 63A							

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1B	78	UST 63B	UST	UST 63B							
1C	79	UST 65A	UST	UST 65A							
1C	80	UST 65B	UST	UST 65B							
1B	81	UST 66A	UST	UST 66A							
1B	82	UST 66B	UST	UST 66B							
1B	83	UST 67A	UST	UST 67A							
1B	84	UST 67B	UST	UST 67B							
1B	85	UST 68	UST	UST 68							
1B	86	UST 69	UST	UST 69							
1B	87	UST 70	UST	UST 70							
1B	88	UST 71	UST	UST 71							
1B	89	UST 72	UST	UST 72							
1B	90	UST 73	UST	UST 73							
1B	91	UST 74	UST	UST 74							
1B	92	UST 75A	UST	UST 75A							
1B	93	UST 75B	UST	UST 75B							
1B	94	UST 75C	UST	UST 75C							
1B	95	UST 77	UST	UST 77							
1B	96	UST 78	UST	UST 78							
1B	97	UST 79	UST	UST 79							
1B	98	UST 80	UST	UST 80							
1B	99	UST 81	UST	UST 81							
1B	100	UST 82	UST	UST 82							
1B	101	UST 83A	UST	UST 83A							
1B	102	UST 83B	UST	UST 83B							
1B	103	UST 84A	UST	UST 84A							
1B	104	UST 84B	UST	UST 84B							
1B	105	UST 94	UST	UST 94							
1B	106	UST 98A	UST	UST 98A							
1B	107	UST 98B	UST	UST 98B							
2A	108	UST 105A	UST	UST 105A							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
2A	109	UST 105B	UST	UST 105B							
5A	110	UST 114A	UST	UST 114A							
5A	111	UST 114B	UST	UST 114B							
5A	112	UST 115A	UST	UST 115A							
5A	113	UST 115B	UST	UST 115B							
5A	114	UST 116	UST	UST 116							
5A	115	UST 117	UST	UST 117							
2A	116	UST 126	UST	UST 126							
2A	117	UST 130A	UST	UST 130A							
2A	118	UST 130B	UST	UST 130B							
2A	119	UST 133	UST	UST 133							
2A	120	UST 138	UST	UST 138							
1C	121	UST 146	UST	UST 146							
4B	122	UST 159	UST	UST 159							
1A	123	UST 176	UST	UST 176 - Tank Farm 2							
1A	124	UST 177	UST	UST 177 - Tank Farm 2							
1A	125	UST 178	UST	UST 178 - Tank Farm 2							SWMU/AOC 48
1A	126	UST 179	UST	UST 179 - Tank Farm 2							SWMU/AOC 49
1A	127	UST 180	UST	UST 180 - Tank Farm 2							SWMU/AOC 51
1A	128	UST 181	UST	UST 181 - Tank Farm 2							
1A	129	UST 182	UST	UST 182 - Tank Farm 2							SWMU/AOC 52
1A	130	UST 183	UST	UST 183 - Tank Farm 2							
1D	131	UST 184	UST	UST 184 - Tank Farm 1							
1D	132	UST 185	UST	UST 185 - Tank Farm 1							
1D	133	UST 186	UST	UST 186 - Tank Farm 1							SWMU/AOC 275
1D	134	UST 187	UST	UST 187 - Tank Farm 1							SWMU/AOC 276
1A	135	UST 188	UST	UST 188 - Tank Farm 3							SWMU/AOC 277
1A	136	UST 189	UST	UST 189 - Tank Farm 3							SWMU/AOC 57
1A	137	UST 190	UST	UST 190 - Tank Farm 3							SWMU/AOC 278
1A	138	UST 191	UST	UST 191 - Tank Farm 3							SWMU/AOC 59
1A	139	UST 192	UST	UST 192 - Tank Farm 3							

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1A	140	UST 193	UST	UST 193 - Tank Farm 3							SWMU/AOC 279
1A	141	UST 194	UST	UST 194 - Tank Farm 3							
1A	142	UST 195	UST	UST 195 - Tank Farm 3							SWMU/AOC 280
2A	143	UST 196	UST	UST 196 - Tank Farm 4							
2A	144	UST 197	UST	UST 197 - Tank Farm 4							
2A	145	UST 198	UST	UST 198 - Tank Farm 4							
2A	146	UST 199	UST	UST 199 - Tank Farm 4							
2A	147	UST 200	UST	UST 200 - Tank Farm 4							
2A	148	UST 201	UST	UST 201 - Tank Farm 4							
2A	149	UST 202	UST	UST 202 - Tank Farm 4							
2A	150	UST 203	UST	UST 203 - Tank Farm 4							
5A	151	UST 204	UST	UST 204 - Tank Farm 6							SWMU/AOC 60
5A	152	UST 205	UST	UST 205 - Tank Farm 6							SWMU/AOC 61
5A	153	UST 206	UST	UST 206 - Tank Farm 6							SWMU/AOC 62
5A	154	UST 207	UST	UST 207 - Tank Farm 6							SWMU/AOC 63
2A	155	UST 208	UST	UST 208 - Tank Farm 5							
2A	156	UST 209	UST	UST 209 - Tank Farm 5							
2A	157	UST 210	UST	UST 210 - Tank Farm 5							
2A	158	UST 211	UST	UST 211 - Tank Farm 5							
2A	159	UST 212	UST	UST 212 - Tank Farm 5							
2A	160	UST 213	UST	UST 213 - Tank Farm 5							
2A	161	UST 214	UST	UST 214 - Tank Farm 5							
2A	162	UST 215	UST	UST 215 - Tank Farm 5							
2A	163	UST 216	UST	UST 216 - Tank Farm 4							
2A	164	UST 217	UST	UST 217 - Tank Farm 4							
2A	165	UST 218	UST	UST 218 - Tank Farm 4							
1B	166	UST 219	UST	UST 219 - Tank Farm 3							
1B	167	UST 220	UST	UST 220 - Tank Farm 3							
1B	168	UST 221	UST	UST 221 - Tank Farm 3							
1D	169	UST 224	UST	UST 224							
1A	170	UST 240A	UST	UST 240A							

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1A	171	UST 240B	UST	UST 240B							SWMU/AOC 65
1A	172	UST 241	UST	UST 241							
1A	173	UST 243	UST	UST 243							
1D	174	UST 247	UST	UST 247							
1D	175	UST 248	UST	UST 248							
1D	176	UST 249	UST	UST 249							
1D	177	UST 250	UST	UST 250							
1D	178	UST 251	UST	UST 251							
NL	179		UST	UST 252							SWMU/AOC 281
1D	180	UST 253	UST	UST 253							
1D	181	UST 254	UST	UST 254							
1D	182	UST 255	UST	UST 255							
1C	183	UST 256	UST	UST 256							
1C	184	UST 257	UST	UST 257							
1C	185	UST 258	UST	UST 258							
1C	186	UST 259	UST	UST 259							
1C	187	UST 260	UST	UST 260							
1B	188	UST 262A	UST	UST 262A							
1B	189	UST 262B	UST	UST 262B							
1B	190	UST 263	UST	UST 263							
1B	191	UST 264	UST	UST 264							
1B	192	UST 265	UST	UST 265							
1B	193	UST 266	UST	UST 266							
1B	194	UST 267	UST	UST 267							
1B	195	UST 268	UST	UST 268							
1B	196	UST 269	UST	UST 269							
1B	197	UST 270	UST	UST 270							
1B	198	UST 271A	UST	UST 271A							
1B	199	UST 271B	UST	UST 271B							
1B	200	UST 271C	UST	UST 271C							
1B	201	UST 271D	UST	UST 271D							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1B	202	UST 272	UST	UST 272							
1B	203	UST 273	UST	UST 273							
1B	204	UST 274	UST	UST 274							
1B	205	UST 275	UST	UST 275							
1B	206	UST 276	UST	UST 276							
1B	207	UST 277	UST	UST 277							
1B	208	UST 278A	UST	UST 278A							
1B	209	UST 278B	UST	UST 278B							
1B	210	UST 279	UST	UST 279							
1B	211	UST 280	UST	UST 280							
1B	212	UST 281	UST	UST 281							
1B	213	UST 282	UST	UST 282							
1B	214	UST 283	UST	UST 283							
1B	215	UST 284	UST	UST 284							
1B	216	UST 285	UST	UST 285							
5A	217	UST 288	UST	UST 288							
2A	218	UST 292	UST	UST 292							
5A	219	UST 294	UST	UST 294							
5A	220	UST 295	UST	UST 295							
5A	221	UST 296	UST	UST 296							
5A	222	UST 297A	UST	UST 297A							
5A	223	UST 297C	UST	UST 297C							SWMU/AOC 77
4A	224	UST 298A	UST	UST 298A							
4A	225	UST 298B	UST	UST 298B							
4A	226	UST 298D	UST	UST 298D							SWMU/AOC 85
4A	227	UST 304A	UST	UST 304A							
4A	228	UST 304B	UST	UST 304B							
4A	229	UST 306	UST	UST 306							
4A	230	UST 314A	UST	UST 314A							SWMU/AOC 91
4A	231	UST 314B	UST	UST 314B							SWMU/AOC 92
4B	232	UST 317	UST	UST 317							

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Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4B	233	UST 318	UST	UST 318							
4B	234	UST 319	UST	UST 319							
4B	235	UST 321	UST	UST 321							
4B	236	UST 322B	UST	UST 322B							SWMU/AOC 282
4A	237	UST 324A	UST	UST 324A							
4A	238	UST 324B	UST	UST 324B							
4A	239	UST 324C	UST	UST 324C							
4A	240	UST 324D	UST	UST 324D							
4A	241	UST 324E	UST	UST 324E							
4A	242	UST 326A	UST	UST 326A							
4A	243	UST 326B	UST	UST 326B							SWMU/AOC 283
1C	244	UST 327	UST	UST 327							
1C	245	UST 328	UST	UST 328							
1C	246	UST 329	UST	UST 329							
4A	247	UST 335	UST	UST 335							
1B	248	UST 337A	UST	UST 337A							
1B	249	UST 337B	UST	UST 337B							
1B	250	UST 347A	UST	UST 347A							
1B	251	UST 347B	UST	UST 347B							
1B	252	UST 347C	UST	UST 347C							
1B	253	UST 347D	UST	UST 347D							SWMU/AOC 284
1D	254	UST 351	UST	UST 351							
4B	255	UST 359A	UST	UST 359A							SWMU/AOC 303
4B	256	UST 359C	UST	UST 359C							SWMU/AOC 102
1G	257	UST 364A	UST	UST 364A							
1G	258	UST 364B	UST	UST 364B							
1G	259	UST 365	UST	UST 365							
1G	260	UST 366	UST	UST 366							
1G	261	UST 367	UST	UST 367							
4A	262	UST 368	UST	UST 368							
4A	263	UST 369	UST	UST 369							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	264	UST 372A	UST	UST 372A							
5A	265	UST 372B	UST	UST 372B							
3A	266	UST 374A	UST	UST 374A							SWMU/AOC 263
3A	267	UST 374B	UST	UST 374B							
1D	268	UST 375	UST	UST 375							
2A	269	UST 380A	UST	UST 380A							
2A	270	UST 380B	UST	UST 380B							
4A	271	UST 386A	UST	UST 386A							
4A	272	UST 386C	UST	UST 386C							SWMU/AOC 113
4A	273	UST 388A	UST	UST 388A							
4A	274	UST 388B	UST	UST 388B							SWMU/AOC 117
3A	275	UST 390A	UST	UST 390A							
3A	276	UST 390B	UST	UST 390B							
2A	277	UST 392A	UST	UST 392A							SWMU/AOC 298
2A	278	UST 392B	UST	UST 392B							
2A	279	UST 392C	UST	UST 392C							
5A	280	UST 398	UST	UST 398							
5A	281	UST 399	UST	UST 399							SWMU/AOC 285
5A	282	UST 404	UST	UST 404							
3A	283	UST 405	UST	UST 405							
3A	284	UST 406	UST	UST 406							
5A	285	UST 414A	UST	UST 414A							
5A	286	UST 414B	UST	UST 414B							
5A	287	UST 414C	UST	UST 414C							SWMU/AOC 20
5A	288	UST 435	UST	UST 435							
1G	289	UST 439A	UST	UST 439A							
1G	290	UST 439B	UST	UST 439B							
3A	291	UST 442	UST	UST 442							
1G	292	UST 443	UST	UST 443							
4A	293	UST 445A	UST	UST 445A							
4A	294	UST 445B	UST	UST 445B							

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4A	295	UST 445C	UST	UST 445C							SWMU/AOC 129
4A	296	UST 446	UST	UST 446							
3A	297	UST 447A	UST	UST 447A							
3A	298	UST 447B	UST	UST 447B							
3A	299	UST 448	UST	UST 448							
1G	300	UST 449	UST	UST 449							
1G	301	UST 450	UST	UST 450							
1G	302	UST 451	UST	UST 451							
1G	303	UST 452	UST	UST 452							
3A	304	UST 453	UST	UST 453							
3A	305	UST 454	UST	UST 454							
3A	306	UST 455	UST	UST 455							
3A	307	UST 457	UST	UST 457							
5A	308	UST 461	UST	UST 461							SWMU/AOC 137
5A	309	UST 462	UST	UST 462							SWMU/AOC 139
3A	310	UST 463	UST	UST 463							SWMU/AOC 249
NL	311		UST	UST 473A							
NL	312		UST	UST 473B							
NL	313		UST	UST 493							SWMU/AOC 143
4A	314	UST 529	UST	UST 529							SWMU/AOC 145
2D	315	UST 547	UST	UST 547 - Tank Farm 555							
2D	316	UST 548	UST	UST 548 - Tank Farm 555							
2D	317	UST 549	UST	UST 549 - Tank Farm 555							
2D	318	UST 550	UST	UST 550 - Tank Farm 555							
2D	319	UST 551	UST	UST 551 - Tank Farm 555							
2D	320	UST 553	UST	UST 553							
2D	321	UST 554	UST	UST 554							
5C	322	UST 568	UST	UST 568							
5A	323	UST 574	UST	UST 574							
5A	324	UST 575	UST	UST 575							
5A	325	UST 576	UST	UST 576							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	326	UST 577	UST	UST 577							
3F	327	UST 579	UST	UST 579							
2B	328	UST 581	UST	UST 581							
5A	329	UST 605A	UST	UST 605A							
5A	330	UST 605B	UST	UST 605B							
5A	331	UST 606A	UST	UST 606A							
5A	332	UST 606B	UST	UST 606B							
2A	333	UST 610	UST	UST 610							
3F	334	UST 619	UST	UST 619							
1B	335	UST 625	UST	UST 625							SWMU/AOC 156
3F	336	UST 627	UST	UST 627							
2A	337	UST 634	UST	UST 634							
3A	338	UST 636	UST	UST 636							
2A	339	UST 637-1	UST	UST 637-1							
2A	340	UST 637-2	UST	UST 637-2							
2A	341	UST 637-3	UST	UST 637-3							
5A	342	UST 643A	UST	UST 643A							SWMU/AOC 162
1G	343	UST 651-1	UST	UST 651-1							
1G	344	UST 651-2	UST	UST 651-2							
1G	345	UST 651-3	UST	UST 651-3							
1G	346	UST 651-4	UST	UST 651-4							
1G	347	UST 651-5	UST	UST 651-5							SWMU/AOC 166
1G	348	UST 651-6	UST	UST 651-6							SWMU/AOC 167
1G	349	UST 651-7	UST	UST 651-7							SWMU/AOC 168
4A	350	UST 655	UST	UST 655							SWMU/AOC 250
2A	351	UST 658A	UST	UST 658A							
2A	352	UST 658B	UST	UST 658B							
1G	353	UST 662	UST	UST 662							
4A	354	UST 672	UST	UST 672							SWMU/AOC 174
4A	355	UST 672B	UST	UST 672B							SWMU/AOC 176
3A	356	UST 673B	UST	UST 673B							SWMU/AOC 180

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4B	357	UST 674A	UST	UST 674A							SWMU/AOC 187
4B	358	UST 675A	UST	UST 675A							SWMU/AOC 188
1G	359	UST 693A	UST	UST 693A							
1G	360	UST 693B	UST	UST 693B							
NL	361		UST	UST 706							SWMU/AOC 191
5A	362	UST 716A	UST	UST 716A							SWMU/AOC 192
1B	363	UST 718	UST	UST 718							
NL	364		UST	UST 724A							
1A	365	UST 730	UST	UST 730							
1G	366	UST 733A	UST	UST 733A							
1G	367	UST 733B	UST	UST 733B							SWMU/AOC 286
1G	368	UST 733C	UST	UST 733C							SWMU/AOC 287
4A	369	UST 758B	UST	UST 758B							SWMU/AOC 197
4A	370	UST 759B	UST	UST 759B							SWMU/AOC 200
4A	371	UST 760A	UST	UST 760A							SWMU/AOC 202
5A	372	UST 761B	UST	UST 761B							SWMU/AOC 206
3A	373	UST 762B	UST	UST 762B							SWMU/AOC 209
5A	374	UST 763B	UST	UST 763B							SWMU/AOC 212
2A	375	UST 764A	UST	UST 764A							SWMU/AOC 214
1A	376	UST 765A	UST	UST 765A							SWMU/AOC 217
1A	377	UST 766B	UST	UST 766B							SWMU/AOC 221
3F	378	UST 782	UST	UST 782							
1A	379	UST 797	UST	UST 797							
4B	380	UST 800A	UST	UST 800A							
4B	381	UST 800B	UST	UST 800B							
4B	382	UST 800C	UST	UST 800C							
4B	383	UST 800D	UST	UST 800D							SWMU/AOC 230
4B	384	UST 800E	UST	UST 800E							SWMU/AOC 231
5A	385	UST 850A	UST	UST 850A							SWMU/AOC 288
5A	386	UST 850B	UST	UST 850B							SWMU/AOC 289
5A	387	UST 850C	UST	UST 850C							SWMU/AOC 290

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	388	UST 902A	UST	UST 902A							
5A	389	UST 902B	UST	UST 902B							
5A	390	UST 902C	UST	Fuel/Water Separator 902C							
1D	391	UST 5101	UST	UST 5101							
1D	392	UST 5102	UST	UST 5102							
2B	393	UST 5201	UST	UST 5201							
2B	394	UST 5202	UST	UST 5202							
2B	395	UST 5203	UST	UST 5203							
2B	396	UST 5204	UST	UST 5204							
2B	397	UST 5205	UST	UST 5205							
2B	398	UST 5206	UST	UST 5206							
2B	399	UST 5207	UST	UST 5207							
2B	400	UST 5208	UST	UST 5208							
2B	401	UST 5209	UST	UST 5209							
2B	402	UST 5210	UST	UST 5210							
2B	403	UST 5211	UST	UST 5211							
2C	404	UST 5212	UST	UST 5212							
2C	405	UST 5213	UST	UST 5213							
2C	406	UST 5214	UST	UST 5214							
2C	407	UST 5215	UST	UST 5215							
2C	408	UST 5216	UST	UST 5216							
2C	409	UST 5217	UST	UST 5217							
2C	410	UST 5218	UST	UST 5218							
2C	411	UST 5219	UST	UST 5219							
2C	412	UST 5220	UST	UST 5220							
2C	413	UST 5221	UST	UST 5221							
2B	414	UST 5222	UST	UST 5222							
2B	415	UST 5223	UST	UST 5223							
2B	416	UST 5224	UST	UST 5224							
2B	417	UST 5225	UST	UST 5225							
2B	418	UST 5226	UST	UST 5226							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
2B	419	UST 5227	UST	UST 5227							
2B	420	UST 5228	UST	UST 5228							
2B	421	UST 5229	UST	UST 5229							
2B	422	UST 5230	UST	UST 5230							
2B	423	UST 5231	UST	UST 5231							
2B	424	UST 5232	UST	UST 5232							
2B	425	UST 5233	UST	UST 5233							
2B	426	UST 5234	UST	UST 5234							
2B	427	UST 5235	UST	UST 5235							
2B	428	UST 5236	UST	UST 5236							
2B	429	UST 5237	UST	UST 5237							
2C	430	UST 5238	UST	UST 5238							
2C	431	UST 5239	UST	UST 5239							
2C	432	UST 5240	UST	UST 5240							
2B	433	UST 5241	UST	UST 5241							
2B	434	UST 5242	UST	UST 5242							
NL	435		UST	UST 5243							
2D	436	UST T-1	UST	UST T-1 -Tank Farm 555							SWMU/AOC 23
5A	437	UST T-2	UST	UST T-2 -Tank Farm 4							SWMU/AOC 18
2A	438	UST T-3	UST	UST T-3 -Tank Farm 4							SWMU/AOC 19
1A	439	UST T-4	UST	UST T-4 - Building 189							SWMU/AOC 58
1A	440	UST T-5	UST	UST T-5 -Tank Farm 2							SWMU/AOC 17
2A	441	UST T-6	UST	UST T-6 -Tank Farm 5							SWMU/AOC 21
5A	442	UST T-7	UST	UST T-7 -Tank Farm 6							SWMU/AOC 24
2A	443	UST T-8	UST	UST T-8 -Tank Farm 5,6							SWMU/AOC 22
5A	444	UST T-9	UST	UST T-9 - Building 779							SWMU/AOC 228
5A	445	UST T-10	UST	UST T-10 - Tank Farm 4							SWMU/AOC 108
5A	446	UST T-11	UST	UST T-11 - Building 297							SWMU/AOC 75
1A	447	SAA 2	SAA	Hazardous Waste Storage Area - Hanger 2							
5A	448	SAA 5A	SAA	Drum Storage Area - Building 5							SWMU/AOC 25
1A	449	SAA 5B	SAA	Hazardous Waste Storage Area - Building 5							SWMU/AOC 26

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	450	SAA 7	SAA	Hazardous Waste Storage Area - Building 7							
1A	451	SAA 10	SAA	Hazardous Waste Storage Area - Building 10							SWMU/AOC 27
1A	452	SAA 22	SAA	Hazardous Waste Storage Area - Building 22							
1D	453	SAA 29A	SAA	Drum Storage Area - Building 29							SWMU/AOC 30
1D	454	SAA 29B	SAA	Drum Storage Area - Building 29							SWMU/AOC 31
1D	455	SAA 31A	SAA	Hazardous Waste Storage Area - Building 31							SWMU/AOC 272
1D	456	SAA 31B	SAA	Hazardous Waste Storage Area - Building 31							
1D	457	SAA 51	SAA	Hazardous Waste Storage Area - Building 51							SWMU/AOC 33
5A	458	SAA 114	SAA	Drum Storage Area - Building 114							SWMU/AOC 38
5A	459	SAA 115	SAA	Hazardous Waste Storage Area - Building 115							SWMU/AOC 39
2A	460	SAA 130A	SAA	Drum Storage Area - Building 130							SWMU/AOC 294
2A	461	SAA 130B	SAA	Drum Storage Area - Building 130							SWMU/AOC 295
2A	462	SAA 130C	SAA	Drum Storage Area - Building 130							SWMU/AOC 42
5A	463	SAA 155A	SAA	Drum Storage Area - Building 155							SWMU/AOC 240
5A	464	SAA 155B	SAA	Drum Storage Area - Building 155							SWMU/AOC 241
5A	465	SAA 155C	SAA	Drum Storage Area - Building 155							SWMU/AOC 45
1A	466	SAA 240	SAA	Hazardous Waste Storage Area - Building 240							SWMU/AOC 64
1A	467	SAA 242	SAA	Drum Storage Area - Building 242							SWMU/AOC 67
5A	468	SAA 289	SAA	Hazardous Waste Storage Area - Building 289							SWMU/AOC 70
5A	469	SAA 297	SAA	Hazardous Waste Storage Area - Building 297							SWMU/AOC 73
4A	470	SAA 298	SAA	Hazardous Waste Storage Area - Building 298							SWMU/AOC 83
4A	471	SAA 306	SAA	Drum Storage Area - Building 306							SWMU/AOC 88
4A	472	SAA 314	SAA	Fuel Storage Locker - Building 314							SWMU/AOC 269
4B	473	SAA 317	SAA	Drum Storage Area - Building 317							SWMU/AOC 93
4A	474	SAA 357	SAA	Drum Storage Area - Building 357							SWMU/AOC 97
4B	475	SAA 359A	SAA	Drum Storage Area - Building 359							SWMU/AOC 254
4B	476	SAA 359B	SAA	Drum Storage Area - Building 359							SWMU/AOC 99
4A	477	SAA 370	SAA	Hazardous Material Storage/ Hazardous Waste Storage Area - Building 370							
5A	478	SAA 371A	SAA	Hazardous Waste Storage Area - Building 371							SWMU/AOC 107
5A	479	SAA 371B	SAA	Hazardous Waste Storage Area - Building 371							SWMU/AOC 242
4A	480	SAA 386	SAA	Drum Storage Area - Building 386							SWMU/AOC 114

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4A	481	SAA 388A	SAA	Drum Storage Area - Building 388							SWMU/AOC 116
4A	482	SAA 388B	SAA	Drum Storage Area - Building 388							SWMU/AOC 251
3A	483	SAA 389A	SAA	Drum Storage Area - Building 389							SWMU/AOC 119
3A	484	SAA 389B	SAA	Drum Storage Area - Building 389							SWMU/AOC 259
3A	485	SAA 390A	SAA	Drum Storage Area - Building 390							SWMU/AOC 122
3A	486	SAA 390B	SAA	Drum Storage Area - Building 390							SWMU/AOC 261
2A	487	SAA 392A	SAA	Hazardous Waste Storage Area - Building 392							SWMU/AOC 124
2A	488	SAA 392B	SAA	Hazardous Waste Storage Area - Building 392							SWMU/AOC 271
5A	489	SAA 398	SAA	Hazardous Waste Storage Area - Building 398							SWMU/AOC 252
3A	490	SAA 441	SAA	Hazardous Waste Storage Area - Building 441							SWMU/AOC 256
3A	491	SAA 442	SAA	Hazardous Waste Storage Area - Building 442							SWMU/AOC 126
4A	492	SAA 445	SAA	Drum Storage Area - Building 445							SWMU/AOC 127
3A	493	SAA 447	SAA	Drum Storage Area - Building 447							SWMU/AOC 130
3A	494	SAA 456	SAA	Drum Storage Area - Building 456							SWMU/AOC 135
5A	495	SAA 461	SAA	Hazardous Waste Storage Area - Building 461							SWMU/AOC 138
5A	496	SAA 462	SAA	Hazardous Waste Storage Area - Building 462							SWMU/AOC 140
4A	497	SAA 529	SAA	Drum Storage Area - Building 529							SWMU/AOC 144
4B	498	SAA 534	SAA	Drum Storage Area - Building 534							SWMU/AOC 146
2A	499	SAA 602	SAA	Drum Storage Area - Building 602							SWMU/AOC 147
5A	500	SAA 605	SAA	Drum Storage Area - Building 605							SWMU/AOC 149
5A	501	SAA 606	SAA	Hazardous Waste Storage Area - Building 606							SWMU/AOC 255
5A	502	SAA 626	SAA	Drum Storage Area - Building 626							SWMU/AOC 158
2A	503	SAA 634	SAA	Hazardous Material Storage/ Hazardous Waste Storage Area - Building 634							
3A	504	SAA 636	SAA	Hazardous Waste Storage Area - Building 636							SWMU/AOC 160
1G	505	SAA 651	SAA	Drum Storage Area - Building 651							SWMU/AOC 165
2A	506	SAA 658	SAA	Hazardous Waste Storage Area - Building 658							SWMU/AOC 171
4A	507	SAA 671	SAA	Hazardous Waste Storage Area - Building 671							SWMU/AOC 172
4A	508	SAA 672	SAA	Drum Storage Area - Building 672							SWMU/AOC 177
3A	509	SAA 673	SAA	Hazardous Waste Storage Area - Building 673							SWMU/AOC 186
5A	510	SAA 698	SAA	Hazardous Material Storage/ Hazardous Waste Storage Area - Building 698							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1G	511	SAA 744	SAA	Hazardous Material Storage/ Hazardous Waste Storage Area - Building 744							
3F	512	SAA 765	SAA	Drum Storage Area - Building 765							SWMU/AOC 266
4A	513	SAA 769	SAA	Hazardous Waste Storage Area - Building 769							SWMU/AOC 222
4A	514	SAA 770	SAA	Hazardous Waste Storage Area - Building 770							SWMU/AOC 223
1D	515	SAA 771	SAA	Hazardous Waste Storage Area - Building 771							SWMU/AOC 224
3F	516	SAA 772	SAA	Hazardous Waste Storage Area - Building 772							SWMU/AOC 225
5A	517	SAA 778	SAA	Hazardous Waste Storage Area - Building 778							SWMU/AOC 226
5A	518	SAA 779	SAA	Hazardous Waste Storage Area - Building 779							SWMU/AOC 227
4B	519	SAA 800	SAA	Hazardous Waste Storage Area - Building 800							SWMU/AOC 229
3A	520	SAA 856	SAA	Hazardous Waste Storage Area - Building 856							SWMU/AOC 234
5A	521	PCB T1	PCB T	PCB Transformer - F503496-65P, Pad 1311 - Building 6							
1A	522	PCB T2	PCB T	PCB Transformer - 5KL505, Building 12							
1A	523	PCB T3	PCB T	PCB Transformer - 1350660, Pole 507B - Building 19							
1D	524	PCB T4	PCB T	PCB Transformer - NA, Pole 599 - Building 35							
1C	525	PCB T5	PCB T	PCB Transformer - 23971, Pole 157 - Building 58							
1C	526	PCB T6	PCB T	PCB Transformer - 6954405, Pad 142 - Building 59							
1C	527	PCB T7	PCB T	PCB Transformer - 6954539, Pad 142 - Building 59							
1C	528	PCB T8	PCB T	PCB Transformer - 6956179, Pad 142 - Building 59							
1C	529	PCB T9	PCB T	PCB Transformer - 7092522, Pole 80 - Building 60							
1C	530	PCB T10	PCB T	PCB Transformer - 645B17826, Pole 654 - Building 65							
1C	531	PCB T11	PCB T	PCB Transformer - 645B17827, Pole 654 - Building 65							
1C	532	PCB T12	PCB T	PCB Transformer - 645B17855, Pole 654 - Building 65							
2A	533	PCB T13	PCB T	PCB Transformer - 7093890, Pole 904 - Building 105							

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	534	PCB T14	PCB T	PCB Transformer - 177072, Pad 412 - Building 114							
5A	535	PCB T15	PCB T	PCB Transformer - 177071, Pad 4112 - Building 115							
2A	536	PCB T16	PCB T	PCB Transformer - 681549, Pole 812 - Building 118							
2A	537	PCB T17	PCB T	PCB Transformer - 7093966, Pole 823A - Building 120							
2A	538	PCB T18	PCB T	PCB Transformer - 7092506P, Pole 823A - Building 120							
2A	539	PCB T19	PCB T	PCB Transformer - 7093966P, Pole 823A - Building 120							
2A	540	PCB T20	PCB T	PCB Transformer - 53233, Pad 4111 - Building 125							
2A	541	PCB T21	PCB T	PCB Transformer - 6160963, Pad 4111 - Building 125							
2A	542	PCB T22	PCB T	PCB Transformer - 7092697, Pole 871 - Building 129							
2A	543	PCB T23	PCB T	PCB Transformer - 7092974, Pole 871 - Building 129							
2A	544	PCB T24	PCB T	PCB Transformer - 7093975, Pole 871 - Building 129							
3A	545	PCB T25	PCB T	PCB Transformer - 14346-1, NA - Building 165							
2A	546	PCB T26	PCB T	PCB Transformer - 5638241, Pole 802 - Building 203							
2A	547	PCB T27	PCB T	PCB Transformer - 6455115, Pole 802 - Building 203							
1D	548	PCB T28	PCB T	PCB Transformer - 6687930, NA - Building 248							
1D	549	PCB T29	PCB T	PCB Transformer - 66F2983, Building 248							
1D	550	PCB T30	PCB T	PCB Transformer - 66F3028, Building 248							
1D	551	PCB T31	PCB T	PCB Transformer - 66K117, Building 248							
1D	552	PCB T32	PCB T	PCB Transformer - 66K154, Building 248							
1F	553	PCB T33	PCB T	PCB Transformer - NA, Building 248							
1B	554	PCB T34	PCB T	PCB Transformer - 9750379, Pad 143 - Building 264							
1B	555	PCB T35	PCB T	PCB Transformer - 9750997, Pad 143 - Building 264							

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1B	556	PCB T36	PCB T	PCB Transformer - 3700258, Pad 138 - Building 272							
1B	557	PCB T37	PCB T	PCB Transformer - 6962781, Pad 138 - Building 272							
1B	558	PCB T38	PCB T	PCB Transformer - 7093990, Pad 138 - Building 272							
1B	559	PCB T39	PCB T	PCB Transformer - 7093256, Pad 128 - Building 281							
1B	560	PCB T40	PCB T	PCB Transformer - 7093261, Pad 128 - Building 281							
1B	561	PCB T41	PCB T	PCB Transformer - 7220136, Pad 128 - Building 281							
1B	562	PCB T42	PCB T	PCB Transformer - 6224013, Pad 141 - Building 285							
1B	563	PCB T43	PCB T	PCB Transformer - 7093682, Pad 141 - Building 285							
1B	564	PCB T44	PCB T	PCB Transformer - 7220241, Pad 141 - Building 285							
4A	565	PCB T45	PCB T	PCB Transformer - B58240, Pad 263 - Building 311							
1C	566	PCB T46	PCB T	PCB Transformer - 72535, Pole 73 - Building 327							
1C	567	PCB T47	PCB T	PCB Transformer - 6587555, Pole 74 - Building 327							
1C	568	PCB T48	PCB T	PCB Transformer - 65875666, Pole 74 - Building 327							
4A	569	PCB T49	PCB T	PCB Transformer - 1888163, Pad 254 - Building 335							
4B	570	PCB T50	PCB T	PCB Transformer - B335346, Pad 264 - Building 359							
4B	571	PCB T51	PCB T	PCB Transformer - B335627, Pad 269 - Building 360							
1G	572	PCB T52	PCB T	PCB Transformer - 62194, Pad 162 - Building 365							
4A	573	PCB T53	PCB T	PCB Transformer - 62220, Pad 259 - Building 368							
4A	574	PCB T54	PCB T	PCB Transformer - 62221, Pad 2510 - Building 369							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4A	575	PCB T55	PCB T	PCB Transformer - 62222, Pad 2511 - Building 370							
5A	576	PCB T56	PCB T	PCB Transformer - 10097-1, Pad 335 - Building 371							
5A	577	PCB T57	PCB T	PCB Transformer - 10098-1, Pad 335 - Building 371							
5A	578	PCB T58	PCB T	PCB Transformer - 14538, Pad 425 - Building 372							
3A	579	PCB T59	PCB T	PCB Transformer - 14440 , Pad 321 - Building 374							
5A	580	PCB T60	PCB T	PCB Transformer - 06577-1, Building 378							
4A	581	PCB T61	PCB T	PCB Transformer - B684198, Pad SS-2 - Building 383							
4A	582	PCB T62	PCB T	PCB Transformer - 4418 , Pad 257 - Building 386							
3A	583	PCB T63	PCB T	PCB Transformer - 9908129, Pad 316 - Building 406							
1F	584	PCB T64	PCB T	PCB Transformer - NA , Pole 248 - Building 410							
1F	585	PCB T65	PCB T	PCB Transformer - NA, Pole 248 - Building 410							
2B	586	PCB T66	PCB T	PCB Transformer - C379541, Pad 404 - Building 415							
1G	587	PCB T67	PCB T	PCB Transformer - C-861785, Pad 111 - Building 439							
4A	588	PCB T68	PCB T	PCB Transformer - C861997A, Pad 256 - Building 445							
3A	589	PCB T69	PCB T	PCB Transformer - C861997B, Pad 331 - Building 447							
1G	590	PCB T70	PCB T	PCB Transformer - 7371282, Pad 165 - Building 449							
1G	591	PCB T71	PCB T	PCB Transformer - 7371279, Pad 166 - Building 450							
1G	592	PCB T72	PCB T	PCB Transformer - 7371281, Pad 167 - Building 451							
1G	593	PCB T73	PCB T	PCB Transformer - 7371280, Pad 168 - Building 452							
3A	594	PCB T74	PCB T	PCB Transformer - C-862139, Pad 327 - Building 457							SWMU/AOC 244

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
3F	595	PCB T75	PCB T	PCB Transformer - Missing, Pad 318 - Building 458							
3F	596	PCB T76	PCB T	PCB Transformer - 9845884, Pad 311 - Building 460							
3F	597	PCB T77	PCB T	PCB Transformer - D317654, Pad 311 - Building 460							
3F	598	PCB T78	PCB T	PCB Transformer - J929874T71AA, Pad 319 - Building 464							
5A	599	PCB T79	PCB T	PCB Transformer - 151103, Pad 251 - Building 482							
2C	600	PCB T80	PCB T	PCB Transformer - B336887, Pad 401- Building 582							
5A	601	PCB T81	PCB T	PCB Transformer - F-6947158, Pad 4114 - Building 605							
5A	602	PCB T82	PCB T	PCB Transformer - E-694715A, Pad 4113 - Building 606							
1C	603	PCB T83	PCB T	PCB Transformer - NA , Pole 166A - Building 630							
4A	604	PCB T84	PCB T	PCB Transformer - 10096-1, Pad 215 - Building 631							
2A	605	PCB T85	PCB T	PCB Transformer - PAV 1646-01, Pad 431 - Building 634							
2A	606	PCB T86	PCB T	PCB Transformer - YAP-70141, Pad 431 - Building 634							
3A	607	PCB T87	PCB T	PCB Transformer - 10832-1, Pad 323 - Building 636							
4A	608	PCB T88	PCB T	PCB Transformer - 12945-1, Pad 2513 - Building 655							
2A	609	PCB T89	PCB T	PCB Transformer - C173562, Pad 414 - Building 658							
4A	610	PCB T90	PCB T	PCB Transformer - I1344577P73AA, Pad 216 - Building 617							
1D	611	PCB T91	PCB T	PCB Transformer - 786787895, Pole 648 - Building 692							
1D	612	PCB T92	PCB T	PCB Transformer - 786787910, Pole 648 - Building 692							
1D	613	PCB T93	PCB T	PCB Transformer - 786787919, Pole 648 - Building 692							

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	614	PCB T94	PCB T	PCB Transformer - Westinghouse, Building 716							
NA	615		PCB T	PCB Transformer - 959077, Building 1765							
2A	616	PCB T96	PCB T	PCB Transformer - 5635257, Pole 917 - Building 5014							
2B	617	PCB T97	PCB T	PCB Transformer - 6963930P, Pole 942 - Building 5201							
2C	618	PCB T98	PCB T	PCB Transformer - 6969510, Pole 946 - Building 5240							
1D	619	PCB T99	PCB T	PCB Transformer - 7794141, Pole 666 - Building 5417							
1D	620	PCB T100	PCB T	PCB Transformer - 7794142, Pole 666 - Building 5417							
1D	621	PCB T101	PCB T	PCB Transformer - 7794143, Pole 666 - Building 5417							
2C	622	PCB T102	PCB T	PCB Transformer - 69680882, Pole 952A - Building 5125/5216							
1D	623	PCB T103	PCB T	PCB Transformer - 793397, Pole 687 - Building 687							
1D	624	PCB T104	PCB T	PCB Transformer - 794144, Pole 687 - Building 687							
1D	625	PCB T105	PCB T	PCB Transformer - 6900519, Pole 687 - Building 687							
5A	626	PCB T106	PCB T	PCB Transformer - 6833177, Pad 215 - Gate 9							
NA	627		PCB T	PCB Transformer - 66F2984							
1F	628	PCB T108	PCB T	PCB Transformer - NA, Pole 251							
2A	629	PCB T109	PCB T	PCB Transformer - NA, Pole 852 - Tank Farm 6							
3F	630	RFA 1	RFA	Former Scrap Metal Yard Near Golf Course							SWMU/AOC 1
3F	631	RFA 2	RFA	Vegetation Piles Near Golf Course							SWMU/AOC 2
5A	632	RFA 6	RFA	Landfarming Site NW of Bee Canyon Wash							SWMU/AOC 6
4B	633	RFA 7	RFA	Transformer Storage Area East of Bee Canyon Wash							SWMU/AOC 7
2F	634	RFA 8	RFA	Abandoned Well 50-3285 West of Building 809							SWMU/AOC 8
5A	635	RFA 9	RFA	Fuel Bladder East of Agua Chinon Wash							SWMU/AOC 9

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
NA	636	RFA 12	RFA	Active Sanitary Sewer Lines							SWMU/AOC 12
2A	637	RFA 13	RFA	Drop Tank Storage Area SW of Buildings 114 & 115							SWMU/AOC 13
5A	638	RFA 14	RFA	Drop Tank Fuel Storage Area NW of Building 605							SWMU/AOC 14
5A	639	RFA 15	RFA	Wash Water Runoff Site SW of Fueling Station 576							SWMU/AOC 15
5A	640	RFA 16	RFA	Wash Water Runoff Site NW of Fueling Station 574							SWMU/AOC 16
5A(5)	641		RFA	Fuel Spill Site - Aero Club 10							SWMU/AOC 28
1D(5)	642		RFA	Drum Storage Area - Building 36							SWMU/AOC 32
4A(5)	643		RFA	Drum Storage Area - Building 71							SWMU/AOC 34
4A(5)	644		RFA	Drum Storage Area - Building 96							SWMU/AOC 35
2A(5)	645		RFA	Drum Storage Area - Building 127							SWMU/AOC 40
2A	646	RFA 41	RFA	Vehicle Wash Rack - Building 127							SWMU/AOC 41
2A(5)	647		RFA	Drum Storage Area - Building 137							SWMU/AOC 43
2A(5)	648		RFA	Drum Storage Area - Building 143							SWMU/AOC 44
3A	649	RFA 46	RFA	Equipment Storage Yard - Building 163							SWMU/AOC 46
3F(5)	650		RFA	Drum Storage Area - Building 172							SWMU/AOC 47
1A(5)	651		RFA	Drum Storage Area - Building 179							SWMU/AOC 50
1D(4)	652		RFA	UST - Building 185 at MCAS Tustin							SWMU/AOC 53
	653		RFA	UST - Building 185 at MCAS Tustin							SWMU/AOC 54
1D(5)	654		RFA	Drum Storage Area - Building 186							SWMU/AOC 55
1D(5)	655		RFA	Drum Storage Area - Building 187							SWMU/AOC 56
1B(5)	656		RFA	Drum Storage Area - Building 262							SWMU/AOC 69
5A	657	RFA 74	RFA	Aircraft Wash Area - Building 297							SWMU/AOC 74
5A(5)	658		RFA	Drum Storage Area - Building 297							SWMU/AOC 78
5A(5)	659		RFA	Drum Storage Area - Building 297							SWMU/AOC 79
5A(5)	660		RFA	Drum Storage Area - Building 297							SWMU/AOC 80
5A(5)	661		RFA	Drum Storage Area - Building 297							SWMU/AOC 81
5A(5)	662		RFA	Drum Storage Area - Building 297							SWMU/AOC 82
4A(5)	663		RFA	Drum Storage Area - Building 306							SWMU/AOC 89
4A	664	RFA 95	RFA	Engine Test Cell - Building 324							SWMU/AOC 95

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A(5)	665		RFA	Drum Storage Area - Building 343							SWMU/AOC 96
4B	666	RFA 98	RFA	Vehicle Wash Rack - Building 359							SWMU/AOC 98
4B	667	RFA 100	RFA	TCE Degreaser - Building 359							SWMU/AOC 100
4B(5)	668		RFA	Drum Storage Area - Building 359							SWMU/AOC 103
4A(5)	669		RFA	Drum Storage Area - Building 379							SWMU/AOC 109
4A	670	RFA 110	RFA	Vehicle Wash Rack - Building 386							SWMU/AOC 110
3A	671	RFA 120	RFA	Vehicle Wash Rack - Building 390							SWMU/AOC 120
3A(5)	672		RFA	Drum Storage Area - Building 390							SWMU/AOC 121
2B	673	RFA 125	RFA	Hazardous Waste Storage Area - Building 415							SWMU/AOC 125
4A	674	RFA 128	RFA	Storage Area - Building 445							SWMU/AOC 128
3A	675	RFA 131	RFA	Engine Test Cell - Building 447							SWMU/AOC 131
3A(5)	676		RFA	Drum Storage Area - Building 453							SWMU/AOC 133
3A(5)	677		RFA	Drum Storage Area - Building 454							SWMU/AOC 134
5A	678	RFA 136	RFA	Aircraft Wash Area - Building 461							SWMU/AOC 136
5A	679	RFA 141	RFA	Aircraft Wash Area - Building 463							SWMU/AOC 141
5A(5)	680		RFA	Drum Storage Area - Building 463							SWMU/AOC 142
5A	681	RFA 150	RFA	Aircraft Wash Area - Building 605							SWMU/AOC 150
5A	682	RFA 152	RFA	Aircraft Wash Area - Building 606							SWMU/AOC 152
1B(5)	683	RFA 157	RFA	Vehicle Wash Rack - Building 626							SWMU/AOC 157
1G	684	RFA 164	RFA	Vehicle Wash Rack - Building 651							SWMU/AOC 164
4A(5)	685		RFA	Drum Storage Area - Building 655							SWMU/AOC 170
3A	686	RFA 178	RFA	Vehicle Wash Rack - Building 673							SWMU/AOC 178
3B	687	RFA 181	RFA	Landfarming Area - Building 673							SWMU/AOC 181
3B(5)	688		RFA	Drum Storage Area - Building 673							SWMU/AOC 182
3B(5)	689		RFA	Drum Storage Area - Building 673							SWMU/AOC 183
3B(5)	690		RFA	Drum Storage Area - Building 673							SWMU/AOC 184
3B(5)	691		RFA	Drum Storage Area - Building 673							SWMU/AOC 185
4A	692	RFA 195	RFA	Vehicle Wash Rack - Building 758							SWMU/AOC 195
4A	693	RFA 198	RFA	Vehicle Wash Rack - Building 759							SWMU/AOC 198
4A	694	RFA 201	RFA	Vehicle Wash Rack - Building 760							SWMU/AOC 201
5A	695	RFA 204	RFA	Vehicle Wash Rack - Building 761							SWMU/AOC 204

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	696	RFA 210	RFA	Vehicle Wash Rack - Building 763							SWMU/AOC 210
2A	697	RFA 213	RFA	Vehicle Wash Rack - Building 764							SWMU/AOC 213
1A	698	RFA 216	RFA	Vehicle Wash Rack - Building 765							SWMU/AOC 216
1A	699	RFA 219	RFA	Vehicle Wash Rack - Building 766							SWMU/AOC 219
5A(5)	700		RFA	Drum Storage Area - Building 1663							SWMU/AOC 236
NL	701		RFA	Drum Storage Area - Building 1700							SWMU/AOC 237
4A(5)	702		RFA	Drum Storage Area - Building 1727							SWMU/AOC 238
2B(5)	703		RFA	Drum Storage Area - Building 1798							SWMU/AOC 239
4A	704	RFA 243	RFA	Wash Rack - Building 96							SWMU/AOC 243
3F	706	RFA 245	RFA	Golf Course - Building 464							SWMU/AOC 245
3F	707	RFA 246	RFA	Golf Course Irrigation Tank - Building 459							SWMU/AOC 246
NA	708		RFA	Water Irrigation Pipeline in SW and SE quadrants							SWMU/AOC 247
4B	709	RFA 253	RFA	Wash Rack - Building 317							SWMU/AOC 253
5A	710	RFA 257	RFA	Wash Water Runoff Site - Building 575							SWMU/AOC 257
5A	711	RFA 258	RFA	Wash Water Runoff Site - Building 577							SWMU/AOC 258
3A	712	RFA 260	RFA	Above Ground Storage Tank - Building 389							SWMU/AOC 260
3A	713	RFA 262	RFA	Fuel Storage Area - Building 390							SWMU/AOC 262
3B	714	RFA 264	RFA	Equipment Storage Yard DRMO Lot #3							SWMU/AOC 264
NA	715		RFA	Sewer Lines from Metal Plating Operations - SW quadrant of Station							SWMU/AOC 265
5A	716	RFA 267	RFA	Drop Tank Fuel Storage Area - Building 605							SWMU/AOC 267
1A	717	RFA 268	RFA	Vehicle Wash Rack - Building 240							SWMU/AOC 268
3F	718	RFA 270	RFA	Wash Rack - Building 817							SWMU/AOC 270
1D	719	RFA 273	RFA	Wash Rack - Building 31							SWMU/AOC 273
1D	720	RFA 274	RFA	Stockpiled Soil - Building 31							SWMU/AOC 274
2A	721	RFA 293	RFA	Cleaning Tank - Building 130							SWMU/AOC 293
5A	722	RFA 297	RFA	Former Asphalt Pavement Plant NE of Golf Course							SWMU/AOC 297
4B	723	RFA 299	RFA	Washrack - Building 800							SWMU/AOC 299
5A	724	RFA 301	RFA	Mark Arrest System East side of Runway 34R							SWMU/AOC 301
5A	725	RFA 302	RFA	Mark Arrest System West side Runway 34R							SWMU/AOC 302

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4B	726	RFA 304	RFA	Trenches Inside Building 359							SWMU/AOC 304
5C	727	RFA 305	RFA	Septic Tank - Building 601							SWMU/AOC 305
5C	728	RFA 306	RFA	Septic Tank - Building 687							SWMU/AOC 306
1F	729	RFA 307	RFA	Septic Tank - Building 819							SWMU/AOC 307
3A	730	BLD 673	RCR	Aircraft/Ground Support Equipment Shed RCRA-Permitted Hazardous Material Storage Facility - Building 673 T-3							ACM, LBP,PLF
4A	731	OWS 96	OWS	OWS 96							SWMU/AOC 291
1A	732	OWS 240C	OWS	OWS 240C							SWMU/AOC 66
5A	733	OWS 244	OWS	OWS 244							SWMU/AOC 68
1B	734	OWS 280A	OWS	OWS 280A							
5A	735	OWS 297B	OWS	OWS 297B							SWMU/AOC 76
4A	736	OWS 298C	OWS	OWS 298C							SWMU/AOC 84
4A	737		OWS	OWS 312							
4A	738	OWS 314C	OWS	OWS 314C							
4A	739	OWS 324-1	OWS	OWS 324-1							
4A	740	OWS 324-2	OWS	OWS 324-2							
4A	741	OWS 357	OWS	OWS 357							SWMU/AOC 296
4B	742	OWS 359B	OWS	OWS 359B							SWMU/AOC 101
3A	743	OWS 371	OWS	OWS 371							
4A	744	OWS 386B	OWS	OWS 386B							SWMU/AOC 112
4A	745	OWS 388C	OWS	OWS 388C							SWMU/AOC 118
1G	746		OWS	OWS 439							
4A	747	OWS 445	OWS	OWS 445							
5A	748	OWS 447C	OWS	OWS 447C							SWMU/AOC 132
5A	749	OWS 461A	OWS	OWS 461A							
5A	750	OWS 462A	OWS	OWS 462							
2A	751	OWS 602	OWS	OWS 602							SWMU/AOC 148
5A	752	OWS 605C	OWS	OWS 605C							SWMU/AOC 151
5A	753	OWS 606C	OWS	OWS 606C							SWMU/AOC 154
1B	754	OWS 626-1	OWS	OWS 626-1							SWMU/AOC 159
1B	755	OWS 626-2	OWS	OWS 626-2							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1B	756	OWS 626-3	OWS	OWS 626-3							
1B	757	OWS 626-4	OWS	OWS 626-4							
5A	758	OWS 643B	OWS	OWS 643B							SWMU/AOC 163
1G	759	OWS 651-8	OWS	OWS 651-8							SWMU/AOC 169
2A	760	OWS 658C	OWS	OWS 658C							
4A	761	OWS 671	OWS	OWS 671							SWMU/AOC 173
4A	762	OWS 672A	OWS	OWS 672A							SWMU/AOC 175
3A	763	OWS 673A	OWS	OWS 673A							SWMU/AOC 179
4B	764	OWS 674	OWS	OWS 674							SWMU/AOC 189
4B	765	OWS 675B	OWS	OWS 675B							SWMU/AOC 292
	766	OWS 676	OWS	OWS 676							SWMU/AOC 189
5A	767	OWS 696	OWS	OWS 696							SWMU/AOC 163
5A	768	OWS 716B	OWS	OWS 716B							SWMU/AOC 193
1G	769	OWS 744	OWS	OWS 744							
4A	770	OWS 758A	OWS	OWS 758A							SWMU/AOC 196
4A	771	OWS 759A	OWS	OWS 759A							SWMU/AOC 199
4A	772	OWS 760B	OWS	OWS 760B							SWMU/AOC 203
5A	773	OWS 761A	OWS	OWS 761A							SWMU/AOC 205
3A	774	OWS 762A	OWS	OWS 762A							SWMU/AOC 208
5A	775	OWS 763A	OWS	OWS 763A							SWMU/AOC 211
2A	776	OWS 764B	OWS	OWS 764B							SWMU/AOC 215
1A	777	OWS 765B	OWS	OWS 765B							SWMU/AOC 218
1A	778	OWS 766A	OWS	OWS 766A							SWMU/AOC 220
4B	779	OWS 800F	OWS	OWS 800F							SWMU/AOC 232
4B	780	OWS 802	OWS	OWS 802							
3F	781	OWS 817	OWS	OWS 817							SWMU/AOC 233
5A	782	OWS 845	OWS	OWS 845							SWMU/AOC 248
5A	783	OWS 850	OWS	OWS 850							
5A	784	OWS 892	OWS	OWS 892							
5A	785	OWS 896	OWS	OWS 896							
5A	786	OWS 897	OWS	OWS 897							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1B	787	OWS 1702	OWS	OWS 1702							
1C	788	BLD 1	BLD	Telephone Exchange/Administration/Squadron Headquarters							ACM, LBP,PLF
5A	789	BLD 2	BLD	Hangar Bay/ Crew/Equipment							LBP,PLF
5A	790	BLD 3	BLD	Material/IMRL							LBP,PLF
5A	791	BLD 4	BLD	Search & Rescue							LBP,PLF
5A	792	BLD 5	BLD	Auto Organizational Shop							ACM, LBP,PLF
5A	793	BLD 6	BLD	Security Headquarters							ACM, LBP,PLF
5A	794	BLD 7	BLD	Storage Out of Stores							LBP,PLF
5A	795	BLD 8	BLD	Storage Out of Stores							LBP,PLF
5A	796	BLD 9	BLD	Storage Out of Stores							LBP,PLF
5A	797	BLD 10	BLD	Aero Club Hangars							ACM, LBP,PLF
1A	798	BLD 11	BLD	Squadron Headquarters							ACM, LBP,PLF
1A	799	BLD 12	BLD	Group Headquarters							ACM, LBP,PLF
1A	800	BLD 13	BLD	Group Headquarters							ACM, LBP,PLF
1A	801	BLD 14	BLD	Squadron Headquarters							ACM, LBP,PLF
1A	802	BLD 15	BLD	Electrical/Communication Maintenance Shop							ACM, LBP,PLF
1A	803	BLD 16	BLD	Storage Out of Stores							LBP,PLF
1A	804	BLD 17	BLD	Electrical/Communication Maintenance Shop							ACM, LBP,PLF
1A	805	BLD 19	BLD	Squadron Headquarters							ACM, LBP,PLF
1A	806	BLD 20	BLD	Maintenance/Storage							LBP,PLF
1A	807	BLD 21	BLD	General Storage Shed							LBP,PLF
1A	808	BLD 22	BLD	Electrical/Communication Maintenance Shop							LBP,PLF
1A	809	BLD 23	BLD	Storage Out of Stores							ACM, LBP,PLF
1D	810	BLD 25	BLD	Construction Shop							LBP,PLF
1A	811	BLD 26	BLD	Communication Shop							LBP,PLF
1D	812	BLD 27	BLD	Provost Marshals Office Storage							LBP,PLF
1A	813	BLD 28	BLD	Food Services							ACM, LBP,PLF
1D	814	BLD 29	BLD	Naval Investigative Services Field Office							ACM, LBP,PLF
1D	815	BLD 31	BLD	Utilities Shop/Tactical Air Fuel Dispensing System							LBP,PLF

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1D	816	BLD 32	BLD	Bachelor Officers Quarters							ACM, LBP,PLF
1D	817	BLD 33	BLD	Bachelor Officers Quarters							ACM, LBP,PLF
1D	818	BLD 34	BLD	Bachelor Officers Quarters							ACM, LBP,PLF
1D	819	BLD 35	BLD	Bachelor Officers Quarters							ACM, LBP,PLF
1D	820	BLD 38	BLD	Young Marines/Boy Scouts							ACM, LBP,PLF
1D	821	BLD 46	BLD	Reproduction							LBP,PLF
1D	822	BLD 47	BLD	Construction/Weight Handling Equipment Shop							ACM, LBP,PLF
1D	823	BLD 48	BLD	Fleet Imagery Interpretation Unit Headquarters							LBP,PLF
1D	824	BLD 49	BLD	Academic Instruction/Squadron Headquarters							ACM, LBP,PLF
1D	825	BLD 50	BLD	Academic Instruction/Squadron Headquarters							ACM, LBP,PLF
1D	826	BLD 51	BLD	Auto Organizational Shop							ACM, LBP,PLF
1D	827	BLD 52	BLD	Storage Out of Stores							LBP,PLF
1D	828	BLD 53	BLD	Regional Automation Service Center Classroom							LBP,PLF
1C	829	BLD 54	BLD	Law Center							ACM, LBP,PLF
1C	830	BLD 56	BLD	Squadron Headquarters							ACM, LBP,PLF
1C	831	BLD 57	BLD	Bathhouse							ACM, LBP,PLF
1C	832	BLD 58	BLD	Family Housing Services Office							ACM, LBP,PLF
1C	833	BLD 59	BLD	Administration Office							LBP,PLF
1C	834	BLD 60	BLD	Reserve Support Unit							ACM, LBP,PLF
1C	835	BLD 65	BLD	Station Headquarters							ACM, LBP,PLF
1B	836	BLD 66	BLD	Disbursing Office							ACM, LBP,PLF
1B	837	BLD 75	BLD	Administration Office/Fire Headquarters/Phone Center							ACM, LBP,PLF
1B	838	BLD 77	BLD	Exchange Warehouse/Maintenance Shop							ACM, LBP,PLF
1B	839	BLD 83	BLD	Chapel Administration Office							ACM, LBP,PLF
1B	840	BLD 94	BLD	Gymnasium							ACM, LBP,PLF
4A	841	BLD 96	BLD	Transportation Office							LBP,PLF
1B	842	BLD 98	BLD	Fire Station #1							ACM, LBP,PLF
1A	843	BLD 99	BLD	Flight Line Storage							ACM, LBP,PLF
2A	844	BLD 105	BLD	Group Headquarters							LBP,PLF

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	845	BLD 114	BLD	Maintenance Hangar Space							ACM, LBP,PLF
5A	846	BLD 115	BLD	Maintenance Hangar Space							ACM, LBP,PLF
2A	847	BLD 118	BLD	Maintenance Hangar Space							LBP,PLF
2A	848	BLD 119	BLD	Maintenance Hangar Space							LBP,PLF
2A	849	BLD 120	BLD	Maintenance Hangar Space							LBP,PLF
2A	850	BLD 121	BLD	Fire Station #3/Maintenance Hangar Space							ACM, LBP,PLF
2A	851	BLD 122	BLD	Maintenance Hangar Space							LBP,PLF
2A	852	BLD 123	BLD	Maintenance Hangar Space							LBP,PLF
2A	853	BLD 124	BLD	Maintenance Hangar Space							ACM, LBP,PLF
2A	854	BLD 125	BLD	Maintenance Hangar Space							ACM, LBP,PLF
2A	855	BLD 126	BLD	Maintenance Hangar Space							LBP,PLF
2A	856	BLD 127	BLD	Tire Storage							LBP,PLF
2A	857	BLD 129	BLD	Aviation Armament							ACM, LBP,PLF
2A	858	BLD 130	BLD	Aviation Paint Area							ACM, LBP,PLF
2A	859	BLD 131	BLD	Storage							ACM, LBP,PLF
2A	860	BLD 132	BLD	Aviation Armament Shop							LBP,PLF
2A	861	BLD 133	BLD	Storage							ACM, LBP,PLF
2A	862	BLD 134	BLD	MCP Storage/Hangar Maintenance Administration							ACM, LBP,PLF
2A	863	BLD 135	BLD	Warehouse 222nd CCSQ.							LBP,PLF
2A	864	BLD 136	BLD	Nuclear Biological Chemical Storage							LBP,PLF
2A	865	BLD 137	BLD	Storage							ACM, LBP,PLF
2A	866	BLD 138	BLD	Electronics Maintenance Division							ACM, LBP,PLF
2A	867	BLD 139	BLD	3rd Marine Air Wing Embark							LBP,PLF
2A	868	BLD 142	BLD	Hazardous/Flammable Storage							LBP,PLF
1C	869	BLD 146	BLD	Standby Generator Building							LBP,PLF
5A	870	BLD 147	BLD	Post Office Boxes Building							ACM, LBP,PLF
1D	871	BLD 152	BLD	Grounds Equipment Shed							ACM, LBP,PLF
5A	872	BLD 155	BLD	Grounds Equipment Shed							ACM, LBP,PLF
4A	873	BLD 156	BLD	Storage Tank/Potable Water							ACM, LBP,PLF
3A	874	BLD 163	BLD	Magazine Ready Service							LBP,PLF
3A	875	BLD 164	BLD	Small Arms Storage							LBP,PLF

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
3A	876	BLD 165	BLD	Hazardous/Flammable Storage							LBP,PLF
3F	877	BLD 166	BLD	Small Arms Storage							LBP,PLF
3F	878	BLD 167	BLD	Small Arms Storage							LBP,PLF
3F	879	BLD 169	BLD	Nuclear Biological Chemical Storage							LBP,PLF
3F	880	BLD 170	BLD	Ready Service Storage Magazine							LBP,PLF
3F	881	BLD 171	BLD	Ready Service Storage Magazine							LBP,PLF
3F	882	BLD 172	BLD	Ready Service Storage Magazine							LBP,PLF
4A	883	BLD 174	BLD	Storage Tank/Potable Water							ACM, LBP,PLF
5A	884	BLD 175	BLD	Storage Tank/Potable Water							ACM, LBP,PLF
1B	885	BLD 222	BLD	Elevated Water Tank							ACM, LBP,PLF
1A	886	BLD 240	BLD	Aero Club							LBP,PLF
1A	887	BLD 241	BLD	Laundry Pick-up Point							LBP,PLF
1A	888	BLD 242	BLD	Museum							LBP,PLF
1A	889	BLD 243	BLD	Historical Center							LBP,PLF
5A	890	BLD 244	BLD	Historical Collection							ACM, LBP,PLF
1A	891	BLD 245	BLD	Storage Air/Ground							ACM, LBP,PLF
1D	892	BLD 248	BLD	Bachelor Officer Quarters Administration Office							ACM, LBP,PLF
1D	893	BLD 249	BLD	VIP Quarters							ACM, LBP,PLF
1D	894	BLD 250	BLD	VIP Quarters							ACM, LBP,PLF
1D	895	BLD 251	BLD	Conference Center/Recreation Pavilion							LBP,PLF
1C	896	BLD 256	BLD	Aviation Physical Training/Medical Clinic							LBP,PLF
1C	897	BLD 257	BLD	Administration Office							LBP,PLF
1B	898	BLD 263	BLD	Education Service Office							ACM, LBP,PLF
1B	899	BLD 264	BLD	Morale, Welfare and Recreation Rental Office/Arts & Crafts Shop							ACM, LBP,PLF
1B	900	BLD 271	BLD	Auditorium							LBP,PLF
1B	901	BLD 272	BLD	Bowling Center							ACM, LBP,PLF
1C	902	BLD 273	BLD	Post Office							LBP,PLF
1B	903	BLD 275	BLD	Training/Storage WG Band							ACM, LBP,PLF
1B	904	BLD 276	BLD	Bachelors Enlisted Quarters							ACM, LBP,PLF
1B	905	BLD 277	BLD	Bachelors Enlisted Quarters							ACM, LBP,PLF
1B	906	BLD 279	BLD	Rehabilitation Center							LBP,PLF

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1B	907	BLD 280	BLD	Library							ACM, LBP,PLF
1B	908	BLD 285	BLD	Club System Warehouse							ACM, LBP,PLF
5A	909	BLD 288	BLD	Maintenance Hangar Space							ACM, LBP,PLF
5A	910	BLD 289	BLD	Maintenance Hangar Space							ACM, LBP,PLF
2A	911	BLD 290	BLD	General Storage							LBP,PLF
2A	912	BLD 291	BLD	Nuclear Biological Chemical							ACM, LBP,PLF
2A	913	BLD 292	BLD	TACTS/DDS/Applied Instruction							ACM, LBP,PLF
2A	914	BLD 293	BLD	Storage Tank/Potable Water							LBP,PLF
5A	915	BLD 295	BLD	Maintenance Hangar Space							ACM, LBP,PLF
5A	916	BLD 296	BLD	Maintenance Hangar Space							ACM, LBP,PLF
5A	917	BLD 297	BLD	Maintenance Hangar Space							ACM, LBP,PLF
4A	918	BLD 298	BLD	Auto Vehicle Maintenance Shop							ACM, LBP,PLF
4A	919	BLD 299	BLD	Auto Vehicle Maintenance Shop							ACM, LBP,PLF
4A	920	BLD 300	BLD	Environmental Office/Public Works Storage							ACM, LBP,PLF
4A	921	BLD 301	BLD	Public Works Administration/Labor Shop							ACM, LBP,PLF
4A	922	BLD 302	BLD	Public Works Electrical Shop							ACM, LBP,PLF
4A	923	BLD 304	BLD	Academic Instruction/Credit Union							ACM, LBP,PLF
4B	924	BLD 305	BLD	Group Headquarters							LBP,PLF
4A	925	BLD 306	BLD	Public Works Pipe/Heat/Refrigeration Shop							ACM, LBP,PLF
4A	926	BLD 307	BLD	Expeditionary Air Facility Storage/Station Operations Maintenance Squadron Recovery Headquarters							ACM, LBP,PLF
2A	927	BLD 308	BLD	Ground Support Equipment Storage							ACM, LBP,PLF
4A	928	BLD 309	BLD	Group Headquarters							ACM, LBP,PLF
5A	929	BLD 310	BLD	Hangar							LBP,PLF
4A	930	BLD 311	BLD	Fire Station #2							ACM, LBP,PLF
4A	931	BLD 312	BLD	Photo Lab							ACM, LBP,PLF
4B	932	BLD 313	BLD	Field Maintenance Shop							ACM, LBP,PLF
4A	933	BLD 314	BLD	Highbay Storage							ACM, LBP,PLF
5A	934	BLD 315	BLD	Aircraft Ground Support Equipment Shop							ACM, LBP,PLF
4B	935	BLD 317	BLD	Commissary Warehouse							ACM, LBP,PLF
4B	936	BLD 318	BLD	General Warehouse Navy							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
4B	937	BLD 319	BLD	General Warehouse Navy							LBP,PLF
4B	938	BLD 320	BLD	Hazardous/Flammable Storehouse							ACM, LBP,PLF
4B	939	BLD 321	BLD	Administration Office/General Warehouse Navy							ACM, LBP,PLF
4B	940	BLD 322	BLD	Mess Halls Enlisted							ACM, LBP,PLF
4A	941	BLD 324	BLD	Applied Instruction/Storage/CO2 Storage							ACM, LBP,PLF
4A	942	BLD 325	BLD	Hazardous/Flammable Storehouse							ACM, LBP,PLF
4A	943	BLD 326	BLD	Hazardous/Flammable Storehouse							ACM, LBP,PLF
1C	944	BLD 328	BLD	Temporary Administration Spaces							ACM, LBP,PLF
1C	945	BLD 329	BLD	Defense Commissary Agency Headquarters							ACM, LBP,PLF
4A	946	BLD 333	BLD	Field Maintenance Shop							LBP,PLF
4A	947	BLD 335	BLD	Water Distribution Shop							ACM, LBP,PLF
2A	948	BLD 341	BLD	Ground Support Equipment Shop							LBP,PLF
1B	949	BLD 347	BLD	Exchange Shop							ACM, LBP,PLF
2A	950	BLD 349	BLD	Aircraft Beacon							ACM, LBP,PLF
4B	951	BLD 355	BLD	Snack Bar #12							LBP,PLF
4A	952	BLD 357	BLD	Hazardous/Flammable Storehouse							LBP,PLF
5A	953	BLD 358	BLD	Water Distribution Building							LBP,PLF
4B	954	BLD 359	BLD	MTIS Building							ACM, LBP,PLF
4B	955	BLD 360	BLD	General Warehouse Navy							ACM, LBP,PLF
2A	956	BLD 363	BLD	Miscellaneous Petroleum Oil Lubricants Pipeline Shelter							LBP,PLF
1G	957	BLD 364	BLD	Mess Hall #2							ACM, LBP,PLF
1G	958	BLD 366	BLD	Billeting Office							ACM, LBP,PLF
1G	959	BLD 367	BLD	Bachelor Enlisted Quarters/Academic Instruction							ACM, LBP,PLF
4A	960	BLD 368	BLD	Administration Office							ACM, LBP,PLF
4A	961	BLD 369	BLD	Servmart							ACM, LBP,PLF
4A	962	BLD 370	BLD	Public Works Paint/Carpentry/Metal Trades							ACM, LBP,PLF
5A	963	BLD 371	BLD	Maintenance Hangar Space							ACM, LBP,PLF
5A	964	BLD 372	BLD	Airfield Operations Building							ACM, LBP,PLF
1G	965	BLD 373	BLD	Elevated Water Tank							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
3A	966	BLD 374	BLD	Heating Plant Building/Conversion Station							ACM, LBP,PLF
1D	967	BLD 375	BLD	Bachelor Officers Quarters							ACM, LBP,PLF
1C	968	BLD 376	BLD	Fire Station Dispatch/Ground Safety							ACM, LBP,PLF
3A	969	BLD 377	BLD	Water Storage Tank							ACM, LBP,PLF
4A	970	BLD 379	BLD	Truck Weighing Facility							ACM, LBP,PLF
2A	971	BLD 380	BLD	Standby Generator Building							ACM, LBP,PLF
1C	972	BLD 382	BLD	Electrical Distribution Subs #1							ACM, LBP,PLF
4A	973	BLD 383	BLD	Electrical Distribution Subs #2							ACM, LBP,PLF
3A	974	BLD 384	BLD	Electrical Distribution Subs #3							ACM,
2A	975	BLD 385	BLD	Electrical Distribution Subs #4							LBP,PLF
4A	976	BLD 386	BLD	Construction Equipment Shop							LBP,PLF
4A	977	BLD 387	BLD	Loading/Unloading Ramp							ACM, LBP,PLF
4A	978	BLD 388	BLD	Field Maintenance Shop							ACM, LBP,PLF
3A	979	BLD 389	BLD	Loading/Unloading Ramp							ACM, LBP,PLF
3A	980	BLD 390	BLD	Golf Cart Shop							ACM, LBP,PLF
2A	981	BLD 391	BLD	Loading/Unloading Ramp							ACM, LBP,PLF
2A	982	BLD 392	BLD	Aircraft Ground Support Equipment Shop							ACM, LBP,PLF
5C	983	BLD 394	BLD	Transmitter							ACM, LBP,PLF
5A	984	BLD 396	BLD	Aircraft Truck Fueling							ACM, LBP,PLF
5A	985	BLD 399	BLD	Vortac Facility							ACM, LBP,PLF
2B	986	BLD 402	BLD	Stables Toilet							ACM, LBP,PLF
5A	987	BLD 404	BLD	Receiver Building							ACM, LBP,PLF
3A	988	BLD 405	BLD	Applied Instruction Building							ACM, LBP,PLF
3A	989	BLD 406	BLD	Applied Instruction Building							ACM, LBP,PLF
3A	990	BLD 407	BLD	Squadron Headquarters							ACM, LBP,PLF
3A	991	BLD 408	BLD	Guard Tower							ACM, LBP,PLF
3A	992	BLD 409	BLD	Guard Tower							ACM, LBP,PLF
1F	993	BLD 410	BLD	Playing Fields, Softball							ACM, LBP,PLF
5A	994	BLD 414	BLD	Standby Generator Building							ACM, LBP,PLF
2B	995	BLD 415	BLD	Storage Out of Stores							ACM, LBP,PLF
3F	996	BLD 416	BLD	Storage Building							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	997	BLD 419	BLD	Saluting Battery							ACM, LBP,PLF
1C	998	BLD 420	BLD	Station Flagpole							ACM, LBP,PLF
1D	999	BLD 421	BLD	Playing Courts, Tennis							ACM, LBP,PLF
1B	1000	BLD 422	BLD	Playing Courts, Tennis							ACM, LBP,PLF
1B	1001	BLD 427	BLD	Playing Courts, Handball & Basketball							ACM, LBP,PLF
1B	1002	BLD 430	BLD	Playing Courts, Tennis							ACM, LBP,PLF
1B	1003	BLD 432	BLD	Football/Soccer/Baseball Field							ACM, LBP,PLF
5A	1004	BLD 435	BLD	Aircraft Fire and Rescue Station							ACM,
1G	1005	BLD 439	BLD	Branch Medical/Dental Clinic							ACM, LBP,PLF
3A	1006	BLD 440	BLD	Missile Magazine							ACM, LBP,PLF
3A	1007	BLD 441	BLD	Aviation Armament/Station Ordnance							ACM, LBP,PLF
3A	1008	BLD 442	BLD	Aviation Armament/Station Ordnance							ACM, LBP,PLF
1G	1009	BLD 443	BLD	Academic Instruction Building/LVT Center/Photo							ACM, LBP,PLF
4A	1010	BLD 445	BLD	Hazardous/Flammable Storehouse							ACM, LBP,PLF
4A	1011	BLD 446	BLD	Storage Tank/Nonpotable Water							ACM, LBP,PLF
3A	1012	BLD 447	BLD	Engine Test Cell							ACM, LBP,PLF
3A	1013	BLD 448	BLD	Storage Tank/Nonpotable Water							ACM, LBP,PLF
1G	1014	BLD 449	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
1G	1015	BLD 450	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
1G	1016	BLD 451	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
1G	1017	BLD 452	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
3A	1018	BLD 453	BLD	Maintenance Hangar Space							ACM, LBP,PLF
3A	1019	BLD 454	BLD	Maintenance Hangar Space							ACM, LBP,PLF
3A	1020	BLD 455	BLD	Operational Trainer Facilities							ACM, LBP,PLF
3A	1021	BLD 456	BLD	General Warehouse/Aviation Supply							ACM, LBP,PLF
3A	1022	BLD 457	BLD	Group Headquarters/Barber Shop/Dental Clinic/Mess Hall							ACM, LBP,PLF
5A	1023	BLD 458	BLD	Hazardous Flammable Storehouse							LBP,PLF
3F	1024	BLD 459	BLD	Storage Tank/Nonpotable Water							ACM, LBP,PLF
3F	1025	BLD 460	BLD	Water Supply Building/Nonpotable Water							ACM, LBP,PLF
5A	1026	BLD 461	BLD	Maintenance Hangar Space							ACM, LBP,PLF
5A	1027	BLD 462	BLD	Maintenance Hangar Space							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	1028	BLD 463	BLD	Maintenance Hangar Space/Engine Maintenance							ACM, LBP,PLF
3F	1029	BLD 464	BLD	Golf Course Clubhouse							ACM, LBP,PLF
3A	1030	BLD 469	BLD	Equipment Storage Building							LBP,PLF
1C	1031	BLD 471	BLD	Station Training Pool/Tank							ACM, LBP,PLF
1C	1032	BLD 472	BLD	Wading Pool							ACM, LBP,PLF
1B	1033	BLD 475	BLD	Storage Building/Disbursing							LBP,PLF
4B	1034	BLD 496	BLD	Shop Storage Building							ACM, LBP,PLF
1D	1035	BLD 519	BLD	Station Training Pool/Tank							ACM, LBP,PLF
1D	1036	BLD 520	BLD	Wading Pool							ACM, LBP,PLF
1B	1037	BLD 523	BLD	Storage							LBP,PLF
4A	1038	BLD 529	BLD	Public Works Expend WIP Storage							ACM, LBP,PLF
4A	1039	BLD 530	BLD	Storage Tank/Potable Water							ACM, LBP,PLF
4B	1040	BLD 534	BLD	Hazardous/Flammable Storehouse							ACM, LBP,PLF
5C	1041	BLD 536	BLD	Small Arms/Pyro Magazine							ACM, LBP,PLF
2F	1042	BLD 537	BLD	Small Arms/Pyro Magazine							ACM, LBP,PLF
2F	1043	BLD 538	BLD	Small Arms/Pyro Magazine							ACM, LBP,PLF
2F	1044	BLD 539	BLD	Small Arms/Pyro Magazine							ACM, LBP,PLF
2F	1045	BLD 540	BLD	Fuse and Detonator							ACM, LBP,PLF
2F	1046	BLD 542	BLD	High Explosive Magazine							ACM, LBP,PLF
2F	1047	BLD 543	BLD	High Explosive Magazine							LBP,PLF
2F	1048	BLD 544	BLD	High Explosive Magazine							LBP,PLF
2F	1049	BLD 545	BLD	High Explosive Magazine							LBP,PLF
2F	1050	BLD 546	BLD	High Explosive Magazine							LBP,PLF
2D	1051	BLD 547	BLD	Aircraft Ready Fuel Storage							ACM,
2D	1052	BLD 548	BLD	Aircraft Ready Fuel Storage							ACM, LBP,PLF
2D	1053	BLD 549	BLD	Aircraft Ready Fuel Storage							ACM, LBP,PLF
2D	1054	BLD 550	BLD	Aircraft Ready Fuel Storage							ACM, LBP,PLF
2D	1055	BLD 551	BLD	Aircraft Ready Fuel Storage							ACM, LBP,PLF
2D	1056	BLD 552	BLD	Misc. Petroleum Oil Lubricants Pipeline Facility							ACM, LBP,PLF
2D	1057	BLD 553	BLD	Motor Gas Storage							ACM, LBP,PLF
2D	1058	BLD 555	BLD	Petroleum Oil Lubricants Sampling/Test Building							ACM, LBP,PLF

Table 3-1
Site Summary
MCAS El Toro BCP

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
2D	1059	BLD 556	BLD	Misc. Petroleum Oil Lubricants Pipeline Facility							ACM, LBP,PLF
2A	1060	BLD 558	BLD	Aircraft Truck Fueling Facility							ACM, LBP,PLF
2A	1061	BLD 559	BLD	Aircraft Truck Fueling Facility							ACM, LBP,PLF
2A	1062	BLD 560	BLD	Aircraft Truck Fueling Facility							ACM, LBP,PLF
2A	1063	BLD 561	BLD	Aircraft Truck Fueling Facility							ACM, LBP,PLF
3A	1064	BLD 566	BLD	Storage Tank/Potable Water							ACM, LBP,PLF
1D	1065	BLD 567	BLD	Sewage Pump Station Shed							ACM, LBP,PLF
5C	1066	BLD 568	BLD	Standby Generator Building							LBP,PLF
5C	1067	BLD 573	BLD	Antenna, Communications							ACM, LBP,PLF
1F	1068	BLD 578	BLD	Water Distribution Building							ACM, LBP,PLF
3F	1069	BLD 579	BLD	Storage							ACM, LBP,PLF
2B	1070	BLD 581	BLD	Chaplain Annex/Navy Thrift Shop							ACM, LBP,PLF
2C	1071	BLD 582	BLD	Maintenance Building/Housing							ACM, LBP,PLF
2F	1072	BLD 583	BLD	Storage Tank/Potable Water							ACM, LBP,PLF
5A	1073	BLD 584	BLD	Low Frequency Homer Building							ACM, LBP,PLF
NA	1074	BLD 586	BLD	Obstruction Light							LBP,PLF
5C	1075	BLD 587	BLD	Obstruction Light							ACM, LBP,PLF
NA	1076	BLD 588	BLD	Obstruction Light							ACM, LBP,PLF
5C	1077	BLD 594	BLD	Obstruction Light							ACM, LBP,PLF
NA	1078	BLD 595	BLD	Obstruction Light House							ACM, LBP,PLF
2F	1079	BLD 596	BLD	Obstruction Light							ACM, LBP,PLF
5C	1080	BLD 597	BLD	Obstruction Light							ACM, LBP,PLF
5C	1081	BLD 598	BLD	Obstruction Light							ACM, LBP,PLF
4A	1082	BLD 599	BLD	Liquid Oxygen Facility							ACM, LBP,PLF
1A	1083	BLD 600	BLD	Storage Out of Stores							ACM, LBP,PLF
1F	1084	BLD 601	BLD	Public Toilet/Picnic Area #1							ACM, LBP,PLF
2A	1085	BLD 602	BLD	Van Maintenance Shop							ACM, LBP,PLF
5A	1086	BLD 605	BLD	Maintenance Hanger Space							ACM, LBP,PLF
5A	1087	BLD 606	BLD	Maintenance Hanger Space							ACM, LBP,PLF
3F	1088	BLD 607	BLD	Public Toilet/Golf Course							ACM, LBP,PLF
2A	1089	BLD 610	BLD	Water Distribution Building							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
3A	1090	BLD 611	BLD	Missile Magazine							LBP,PLF
2C	1091	BLD 614	BLD	Aqua Chinon Playground							ACM, LBP,PLF
1F	1092	BLD 615	BLD	Handball Courts							LBP,PLF
4A	1093	BLD 616	BLD	Administration Office							ACM, LBP,PLF
3F	1094	BLD 619	BLD	Standby Generator Building							ACM, LBP,PLF
5A	1095	BLD 624	BLD	Air Terminal/Squadron Headquarters							ACM, LBP,PLF
1B	1096	BLD 625	BLD	Hobby Shop/Automotive							LBP,PLF
1B	1097	BLD 626	BLD	Hobby Shop/Automotive							LBP,PLF
1C	1098	BLD 629	BLD	Academic Instruction Building							ACM, LBP,PLF
4A	1099	BLD 631	BLD	Applied Instruction Building							LBP,PLF
4B	1100	BLD 633	BLD	Loading/Unloading Ramp							ACM, LBP,PLF
2A	1101	BLD 634	BLD	Hangar/Engine Maintenance/Avionics Shop							ACM, LBP,PLF
4A	1102	BLD 635	BLD	Weighing Facility							ACM, LBP,PLF
3A	1103	BLD 636	BLD	Parachute/Survival Equipment/Cryogenics Office							ACM, LBP,PLF
2A	1104	BLD 637	BLD	Exchange Gas Station							ACM, LBP,PLF
5A	1105	BLD 638	BLD	Wind Direction Indicator							ACM, LBP,PLF
5A	1106	BLD 639	BLD	Electric Power Plant Building							LBP,PLF
5A	1107	BLD 640	BLD	Electric Power Plant Building							LBP,PLF
5A	1108	BLD 641	BLD	Electric Power Plant Building							LBP,PLF
5A	1109	BLD 642	BLD	Electric Power Plant Building							LBP,PLF
5A	1110	BLD 643	BLD	Fixed Aircraft Start System							ACM, LBP,PLF
1G	1111	BLD 649	BLD	Exchange Warehouse/Retail/Cafeteria							ACM, LBP,PLF
1G	1112	BLD 650	BLD	Exchange Retail Shop							ACM, LBP,PLF
1G	1113	BLD 651	BLD	Exchange Auto Repair/Supplemental Gas Station							ACM, LBP,PLF
4A	1114	BLD 655	BLD	Field Maintenance Shop							ACM, LBP,PLF
1B	1115	BLD 656	BLD	Child Care Center							ACM, LBP,PLF
1D	1116	BLD 657	BLD	Visitor/Vehicle Registration							ACM, LBP,PLF
2A	1117	BLD 658	BLD	Engine Test Cell							ACM, LBP,PLF
2A	1118	BLD 659	BLD	Storage Tank/Nonpotable							ACM, LBP,PLF
1G	1119	BLD 660	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
1G	1120	BLD 661	BLD	Transient Enlisted Quarters							ACM, LBP,PLF
1G	1121	BLD 662	BLD	Heating Plant Building							ACM, LBP,PLF
3A	1122	BLD 664	BLD	Substation Building							ACM, LBP,PLF
3A	1123	BLD 665	BLD	Fire Hose Drying Structure							ACM, LBP,PLF
1G	1124	BLD 666	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
1G	1125	BLD 667	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
1G	1126	BLD 668	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
1G	1127	BLD 669	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
1G	1128	BLD 670	BLD	Gas Storage Tanks							ACM, LBP,PLF
4A	1129	BLD 671	BLD	Refueler Administration							ACM, LBP,PLF
4A	1130	BLD 672	BLD	Refueling Vehicle Maintenance Shop							LBP,PLF
3A	1131	BLD 673	BLD	Aircraft/Ground Support Equipment Shed							
2C	1132	BLD 676	BLD	Community Storage Miscellaneous							LBP,PLF
5A	1133	BLD 677	BLD	Meteorological Building							LBP,PLF
2C	1134	BLD 678	BLD	Housing/Maintenance Storage							LBP,PLF
2B	1135	BLD 679	BLD	Stable/Stallion Pen							ACM, LBP,PLF
2B	1136	BLD 680	BLD	Stable Feed Room							ACM, LBP,PLF
1F	1137	BLD 681	BLD	Recreation Grounds (Area #2)							ACM, LBP,PLF
5C	1138	BLD 682	BLD	Gate Sentry House							ACM, LBP,PLF
1A	1139	BLD 683	BLD	Cold Storage/General Warehouse							ACM, LBP,PLF
1C	1140	BLD 684	BLD	Applied Instruction Building							LBP,PLF
1A	1141	BLD 685	BLD	Electrical Distribution Building							LBP,PLF
2B	1142	BLD 686	BLD	Riding Stable, Tack Locker							ACM, LBP,PLF
1F	1143	BLD 687	BLD	Public Toilet/Picnic Area #2							ACM, LBP,PLF
2F	1144	BLD 688	BLD	Receiver Building							ACM, LBP,PLF
2F	1145	BLD 689	BLD	Receiver/Activity TV Antenna							LBP,PLF
1D	1146	BLD 692	BLD	Classified Material Incinerator							ACM, LBP,PLF
1G	1147	BLD 693	BLD	Operational Training Facility							LBP,PLF
1G	1148	BLD 694	BLD	Commissary							ACM, LBP,PLF
5A	1149	BLD 695	BLD	Line Maintenance Shelter							ACM, LBP,PLF
5A	1150	BLD 696	BLD	Line Maintenance Shelter							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS El Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
5A	1151	BLD 697	BLD	Line Maintenance Shelter							ACM, LBP,PLF
5A	1152	BLD 698	BLD	Line Maintenance Shelter							ACM, LBP,PLF
NL	1153		BLD	Aircraft Ready Fuel Tank							ACM, LBP,PLF
4A	1154	BLD 700	BLD	Filling Station C-Pool							ACM, LBP,PLF
2A	1155	BLD 701	BLD	Flagpole							ACM, LBP,PLF
1G	1156	BLD 702	BLD	Gate Sentry House #20							ACM, LBP,PLF
1F	1157	BLD 703	BLD	Playing Courts, Tennis							ACM, LBP,PLF
1F	1158	BLD 704	BLD	Basketball/Volleyball Court							ACM, LBP,PLF
2B	1159	BLD 713	BLD	Hazardous/Flammable Storehouse							LBP,PLF
5A	1160	BLD 714	BLD	Line Maintenance Shelter							ACM, LBP,PLF
5A	1161	BLD 715	BLD	Line Maintenance Shelter							ACM, LBP,PLF
5A	1162	BLD 716	BLD	Hush House							ACM, LBP,PLF
5A	1163	BLD 717	BLD	Crash, Fire, Rescue Storage							ACM, LBP,PLF
1B	1164	BLD 718	BLD	Modular Club/Lampost Pizza							ACM, LBP,PLF
5A	1165	BLD 721	BLD	Optical Landing System							ACM, LBP,PLF
2C	1166	BLD 722	BLD	Convenience Food Store							ACM, LBP,PLF
5A	1167	BLD 725	BLD	Gate Sentry House (Gate #9)							ACM, LBP,PLF
5A	1168	BLD 726	BLD	Line Maintenance Shelter							ACM
5A	1169	BLD 727	BLD	Line Maintenance Shelter							ACM
5A	1170	BLD 728	BLD	Line Maintenance Shelter							ACM
1G	1171	BLD 729	BLD	Main Gate Sentry House							ACM, LBP,PLF
1A	1172	BLD 730	BLD	Communications Center							ACM
1G	1173	BLD 731	BLD	Enlisted Personnel Quarters							ACM
1G	1174	BLD 732	BLD	Bachelor Enlisted Quarters P-054							ACM
1G	1175	BLD 733	BLD	Boiler Room P-054							ACM
2A	1176	BLD 734	BLD	Restroom P-313							ACM
NL	1177		BLD	Generator Building 9-313							ACM
1G	1178	BLD 740	BLD	Bachelor Enlisted Quarters P-326 "B"							ACM
1G	1179	BLD 741	BLD	Bachelor Enlisted Quarters P-326 "C"							ACM
1G	1180	BLD 743	BLD	Financial Building							ACM, LBP,PLF
2A	1181	BLD 745	BLD	Warehouse (MAG-II) P-296							ACM

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
2A	1182	BLD 746	BLD	Flight Simulator P-270							ACM
2A	1183	BLD 748	BLD	Restroom							see footnote (6)
2A	1184	BLD 749	BLD	Restroom P-437							ACM
2A	1185		BLD	Sentry Booth							see footnote (6)
2A	1186		BLD	Storage							see footnote (6)
2A	1187	BLD 752	BLD	Fuel Farm 5 Office							ACM
1F	1188	BLD 757	BLD	MARS Facility							ACM
3F	1189		BLD	Storage							see footnote (6)
1G	1190	BLD 783	BLD	Exchange Administration/Service Outlets							ACM
3A	1191	BLD 787	BLD	Nuclear Biological Chemical Defense Platoon Facility							ACM
NA	1192		BLD	Weight Handling Equipment Shop							ACM, LBP,PLF
1C	1193	BLD 1524	BLD	General Storage Shed							ACM
2A	1194	BLD 1538	BLD	Fuel Farm 4 Office							LBP,PLF
4B	1195	BLD 1580	BLD	General Warehouse Navy							LBP,PLF
4A	1196	BLD 1595	BLD	Public Works Maintenance Storage							ACM, LBP,PLF
4A	1197	BLD 1601	BLD	Public Works Maintenance Storage							ACM
3A	1198	BLD 1650	BLD	Aviation Armament							LBP,PLF
3A	1199	BLD 1655	BLD	Squadron Headquarters							LBP,PLF
3A	1200	BLD 1656	BLD	Administrative Storage							LBP,PLF
1B	1201	BLD 1702	BLD	Self Service Car Wash							ACM, LBP,PLF
4B	1202	BLD 1703	BLD	Hazardous/Flammable Storehouse							ACM, LBP,PLF
4A	1203	BLD 1710	BLD	Public Works Maintenance Storage							LBP,PLF
3A	1204	BLD 1719	BLD	Applied Instruction Building							LBP,PLF
3A	1205	BLD 1720	BLD	Nuclear Biological Chemical Headquarters							LBP,PLF
3A	1206	BLD 1721	BLD	Bachelor Enlisted Quarters							ACM, LBP,PLF
5C	1207	BLD 1752	BLD	Magazine Equipment Shed							LBP,PLF
2B	1208	BLD 1774	BLD	Rodeo Arena							ACM, LBP,PLF
3A	1209	BLD 1787	BLD	Aviation Armament							LBP,PLF
3A	1210	BLD 1789	BLD	Hazardous/Flammable Storehouse							ACM, LBP,PLF
3A	1211	BLD 1791	BLD	Aviation Armament							LBP,PLF
2B	1212	BLD 1798	BLD	Riding Stables/Pen Shelter							ACM, LBP,PLF

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
2A	1213	BLD 1804	BLD	Lunchroom							ACM, LBP, PLF
3A	1214	BLD 1809	BLD	Sentry House							ACM, LBP, PLF
5C	1215	BLD 1810	BLD	Magazine Area Security							ACM, LBP, PLF
5A	1216	BLD 1815	BLD	Line Maintenance Shelter							LBP, PLF
4A	1217	PCB A1	PCB A	Transformer Storage Area Adjacent to AST 175							
4A	1218	PCB A2	PCB A	PCB Transformer Storage Area Behind Building 324							
3F	1219	MSC P1	MSC	Current Pesticide Storage Area at Building 1687							
3F	1220	MSC P2	MSC	Past Pesticide Storage Area Located in the Vicinity of Building 464							
	1221	MSC B1	MSC	Active Burn Pits on East Side of the Station							
5A	1222	MSC B2	MSC	Inactive Burn Pits on East Side of the Station							

**Table 3-1
Site Summary
MCAS EI Toro BCP**

Parcel	Site No.	Database Tracking	Site Class	Description	Material Disposed of	Date of Operation	Status	Risk to Human Health & the Environment*	Regulatory Mechanism	NFA	Comments
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Footnotes:

* - The cancer risk values for RI/FS sites (in cancer risk per million) are listed for each stratum. The cancer risk values were obtained from a memo written by CH2M HILL on January 18, 1994 entitled "RI/FS Sites that may Require Remediation Based on Phase I RI Data."

(1) IRP Sites 3 and 4 were combined for the Phase II RI Work Plan.

(2) IRP Site 18 is defined as groundwater only and does not include source areas.

(3) IRP Site 23 was evaluated in the RCRA Facility Assessment as SWMU/AOC 12.

(4) IRP Site 24 was identified in the Draft Phase II RI Work Plan and consists of most of the southwest quadrant of the Station. This area encompasses numerous LOCs; however, LOCs located within the Site 24 boundary are considered independently from IRP Site 24.

(5) This RFA site was not investigated under the RCRA Facility Assessment Preliminary Review/Site Investigation. The parcel number assigned to the site corresponds to the building listed in the "Description" column.

(6) The identified buildings were constructed after 1980, therefore are assumed not to contain lead-based paint or PCB containing light fixtures. An asbestos survey was performed and no asbestos containing materials were identified within these buildings.

Abbreviations:

ACM = Asbestos Containing Materials

AOC = Area of Concern

AST - Aboveground Storage Tank

BLD = Building

IRP = Installation Restoration Program

LBP = Lead Based Paint

MAG = Marine Aircraft Group

NA = Not available. Sites given this designation were large units located in several different parcels at the Station.

NFA = No Further Action

NL = Not located

OWS = Oil/Water separator

PCB A = PCB Transformer Storage Area

PCB E = PCB Equipment

PCB T = PCB Transformer

PLF = PCB-Containing Light Fixture

RFA = RCRA (Resource Conservation and Recovery Act) Facility Assessment

SAA = Satellite Accumulation Area

SWMU = Solid Waste Management Unit

UST = Underground Storage Tank

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Table 3-2 Preliminary Location Summary MCAS EI Toro BCP					
POI Number	Description	PA/SI Report Results/Findings			Final Determination
		PA	SI	Findings	
Notes: POI - point of interest PA - Preliminary Assessment SI - Site Inspection					

**Various Locations of Concern (LOCs) are identified in Table 3-1.
 Additional Points of interest (POIs) have not yet been identified for inclusion
 in this BCP. Table 3-2 will be revised as POIs are identified through the EBS
 process. POIs may also include aerial photograph features/anomolies.**

Table 3-3 Early Action Status MCAS EI Toro BCP			
IRP Site No.	Action	Purpose	Status

To date, no early actions have been conducted for IRP sites at MCAS EI Toro. Table 3-3 will be updated as early actions at IRP sites are implemented and completed.

Table 3-4 Mission/Operational-Related Compliance Projects MCAS El Toro BCP		
Project	Status	Regulatory Program
USTs	<p>A Draft UST Monitoring Plan was prepared for the Station and submitted in February 1993.</p> <p>The Station is currently working with the OCHCA to bring the Station's USTs into compliance to obtain permits.</p> <p>Install vadose zone monitoring system at 12 USTs, tank level monitors in 27 USTs, liquid probes in 3 USTs, and in-situ leak detection monitoring at 11 USTs.</p>	California UST Regulations
Asbestos and Lead-Based Paint Inspections	The Navy Public Works Center is currently performing an asbestos investigation at the Station Family Housing and other related units.	TSCA
Air Emissions	The Station is currently preparing its application for a Title V Air Emissions Permit. The permit is anticipated to be issued in July 1994.	Federal Clean Air Act

Table 3-5 Closure-Related Compliance Projects MCAS EI Toro BCP		
Project	Status	Regulatory Program
Removal of Non-Essential USTs	260 active tank/non-essential USTs have been identified on-Station. Removal of these USTs will begin in mid-1994.	California UST Regulations Removal oversight provided by Orange County Health Care Agency (OCHCA).

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 1A	1A	1C	1	1943	500 Steel	Diesel	Removed	From JTL report: The area was isolated, covered with visqueen liner and backfilled with clean sand and its native soil. Closure report indicates tank was full of fuel oil.	The JTL tank closure report recommended investigating the extent of vertical and lateral contamination around fill pipe (95' south of the tank) at a later date.	LC	1991	Sand	X	12/4/91	Contaminated soil found in area of the fill pipe only. TPH levels at this area were 6900 ppm and 41 ppm. Highest BTXE levels: B = 3 ppb, T = 5 ppb.	A,B,D			NT	7
UST 1B	1B	1C	1	1943	500 Steel	Diesel	Removed	From JTL report: The excavation was backfilled with the contaminated soil, lined with the LDPE lining, and covered with washed concrete sand.	Further investigation of the vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X	12/4/91	Soil contamination found in area of the tank. Highest levels of TPH were 10,730 ppm and 10,460 ppm (east side of tank). Highest BTXE levels: B = 33 ppb, T = 168 ppb, X = 949 ppb, E = 1062 ppb.	A,B,D			NT	7
UST 6A	6A	5A	6	1943	1,000 Steel	Fuel oil	Inactive	From 1993 Station UST Inventory: Deactivated on 1/1/81.	Tank scheduled for removal per 1993 Station UST Inventory	SB	1981	Sand				A,B			NT	7
UST 6B	6B	5A	6	1943	500 Steel	Fuel oil	Inactive	From 1993 Station UST Inventory: Deactivated on 1/1/81.	Tank scheduled for removal per 1993 Station UST Inventory	S	1981	Sand				A,B			NT	7
UST 11	11	1A	11	1943	500 Steel	Diesel	Removed	From 1993 Station UST Inventory: A confirmed release was recorded on 12/31/91 while removing piping and tank.	Further investigation of vertical and lateral extent of contamination recommended per 1993 Station UST Inventory.	S	1991	Sand	Unknown	12/13/91		A,B			NT	7
UST 12	12	1A	12	1943	500 Steel	Diesel	Removed	From JTL report: Excavation lined with LDPE liner and backfilled with clean sand and native soil.	Further investigation of the vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X		Highest TPH levels in soil taken from tank excavation were 240 ppm and 34 ppm around fill pipe opening. Highest BTXE levels under tank: T = 11 ppb, X = 46 ppb, E = 6 ppb.	A,B,D			NT	7
UST 13	13	1A	13	1943	500 Steel	Diesel	Removed	From JTL report: Tank removed on 12/13/91. Excavation backfilled using clean sand and native soil from hole.	Soil results indicate no soil contamination (31 ppm TPH found) according to the JTL tank closure report. JTL report recommends closure to be considered final.	LC	1991	Sand	X		The soil sample taken 2 ft under tank contained 31 ppm of TPH. All other samples were non-detects. BTXE not detected in samples.	A,B,D			NT	3*
UST 14	14	1A	14	1943	500 Steel	Diesel	Removed	From 1993 Station UST Inventory: A confirmed release was reported on 12/31/91 when tank and piping were removed. From JTL report: The excavation was backfilled with clean sand and native soil from excavation.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X	12/13/91	Sample results for 2 ft under tank: TPH = 2500 ppm, T = 9 ppb, and X = 8 ppb. All other samples were non-detect for TPH and BTXE.	A,B,D			NT	7
UST 24	24	1A	24	1943	500 Steel	Diesel	Removed			SB	1976	None				A,B			NT	7
UST 32	32	1D	32	1943	500 Steel	Diesel	Removed	From JTL report: UST not found in a 20'x20'x12' area & thought to have been removed at an earlier date. Associated piping was removed on 12/19/91. 4 cubic yards of contaminated soil sent to landfill. Excavation lined with LDPE & backfilled with sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X		TPH levels in soils around tank were: 12,000 ppm (spoil pile), 720&180 ppm (west & east side of excavation, respectively), 132 ppm 2' under tank, & 110 ppm 20' west of tank under fill pipe, other samples=ND. Highest BTXE levels in spoil: X=2900 ppb, E=850 ppb	A,B,D			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.)/ Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/Removal/Abandon. Date	Latest Contents	RFA/Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 33	33	1D	33	1943	500 Steel	Diesel	Removed	From JTL report: UST removed on 12/23/91. Excavation lined with LDPE liner and backfilled with washed concrete sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X		TPH levels in soils around the tank: 15,000 ppm (2' under tank), 910 & 560 ppm (west & east side of excavation), & 4,200 ppm at fill opening, other samples=ND. Highest BTXE levels under tank: B= 47ppb, T= 190 ppb, X= 1900 ppb, E = 480 ppb.	A,B,D			NT	7
UST 34	34	1D	34	1943	500 Steel	Fuel oil	Removed	From JTL UST not found in a 20'x20'x12' area & thought to have been removed at an earlier date. Associated piping removed on 12/19/91. Contaminated areas isolated, backfilled with spoil, lined with LDPE liner, & backfilled with clean fill, sand and soil.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X		TPH levels in soils around the tank were : 1,000 & 500 ppm (south & north side of tank excavation), 1,500 ppm (spoil sample), 770 ppm (2' under tank) & 220 ppm at fill opening, other samples=ND. Highest BTXE level: T=16 ppb, X=44 ppb, E=7 ppb.	A,B,D			NT	7
UST 35	35	1D	35	1943	500 Steel	Fuel oil	Removed	From JTL report: UST removed on 12/23/91. Excavation lined with LDPE liner and backfilled with clean fill.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X		TPH levels in soils around the tank were : 11,000 ppm (2' under tank), 9,200 & 41 ppm (west and east side of excavation), and 4,600 ppm at fill opening, other samples=ND. Highest BTXE level in west side excavation sample: X=150 ppb, E=41 ppb.	A,B,D			NT	7
UST 37	37	1D	37	1943	500 Steel	Diesel	Removed	From JTL report: At removal, tank was full of fuel oil according to closure report. Excavation backfilled with gravel to four feet from the top of excavation. Remainder of excavation backfilled with native soil.	Soil results indicate no soil contamination (TPH/BTXE was found) according to the JTL tank closure report. JTL report recommends closure to be considered final.	LC	1991	Unknown	X		TPH levels in soils around the tank were : 66 ppm (2' under tank), 25 ppm (south side of excavation), and 17 ppm for the spoil pile. Other samples=ND. Highest BTXE levels under tank: T=7 ppb, X=77 ppb, E=8 ppb.	A,B,D			NT	3'
UST 38	38	1D	38	1943	1,500 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 40	40	1D	40	1943	500 Steel	Diesel	Removed	From JTL report: UST not found in an excavated area 20'x20'x12'. Piping associated with the UST was removed on 12/19/91. Excavation backfilled with original native soil.	Soil results indicate no soil contamination according to the JTL tank closure report. JTL report recommends closure to be considered final.	LC	1991	Unknown	X		TPH levels in soils around the tank were : 29 ppm (west side of excavation), and 19 ppm around fill pipe opening. Other samples=ND. Highest BTXE levels: X=43 ppb, E=6 ppb.	A,B,D			NT	3'
UST 41	41	1D	41	1943	500 Steel	Diesel	Removed	From JTL report: UST not found in an excavated area 20'x20'x12'. Piping associated with the UST was removed on 12/19/91. Excavation backfilled with washed concrete sand and native soil.	Soil results indicate no soil contamination according to the JTL tank closure report. JTL report recommends closure to be considered final.	LC	1991	None	X		TPH levels in soils around the tank were : 16 ppm around fill pipe opening, other samples=ND. Highest BTXE level around fill pipe opening: X=35 ppb.	A,B,D			NT	3'
UST 42	42	1D	42	1943	500 Steel	Fuel oil	Closed (1)	From JTL report: UST not found in an excavated area 20'x20'x12'. Piping associated with the UST was removed on 12/19/91. Excavation backfilled with washed concrete sand and native soil.	JTL report recommends closure to be considered final.	LC	1991	None	X		TPH and BTXE not detected in samples.	A,B,D			NA	3'

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 43	43	1D	43	1943	500 Steel	Fuel oil	Removed	From JTL report: Piping associated with the UST removed on 12/19/91. Contaminated areas isolated, and excavation was lined with LDPE liner and backfilled with clean fill.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	None	X	12/19/91	TPH levels in soils around the tank were : 230 & 74 ppm (east & west side of tank excavation), 510 ppm (spoil sample), & 350 ppm at fill opening. Other samples=ND. Highest BTXE level around fill pipe opening. X=23 ppb	A,B,D			NA	7
UST 44	44	1D	44	1943	500 Steel	Diesel	Removed	From 1993 Station UST Inventory: Demolished facility and removed tank in 1960.		S	1960	None	Unknown			A,B			NA	7
UST 45	45	1D	45	1943	500 Steel	Fuel oil	Removed	From 1993 Station UST Inventory: Demolished facility and removed tank in 1960.		S	1991	None	Unknown			A,B			NA	7
UST 46	46	1D	46	1943	500 Steel	Diesel	Removed	From JTL report: Tank removed on 11/27/91. Excavation was backfilled with washed concrete sand and its original native soil.	Soil results indicate no soil contamination according to the JTL tank closure report. JTL report recommends closure to be considered final.	LC	1991	Sand	X		TPH levels in soils around the tank were : 38 ppm (north side of tank excavation), other samples=ND. BTXE detected in sample taken from west side of excavation with B=26 ppb. Other samples=ND.	A,B,D			NA	3'
UST 47A	47A	1D	47	1943	1,500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NA	7
UST 47B	47B	1D	47	1943	1,500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 47C	47C	1D	47	1943	500 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB		Sand				A,B			NT	7
UST 53	53	1D	53	1943	500 Steel	Diesel	Removed	From 1993 Station UST Inventory: UST removed on 12/13/91.	Contaminated soil discovered while removing tank per 1993 Station UST Inventory. Further investigation required.	S	1991	Unknown	Unknown	12/13/91		A,B			NT	7
UST 54A	54A	1C	54	1943	500 Steel	Diesel	Removed	From JTL report: Tank removed 2/4/92. Tank found empty. Excavation was lined with LDPE liner and backfilled with washed concrete sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1992	Unknown	X	2/4/92	TPH levels in soils around the tank were : 19,000 ppm (2' under tank). Other samples were non-detect. BTXE detected in sample taken from under tank only. B=18 ppb, T=185 ppb, X=827 ppb, E= 141 ppb.	A,B,D			NT	7
UST 54B	54B	1C	54	1943	500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 55A	55A	NL	55	1943	5,000 Steel	Unknown	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	NL		Unknown				A,B			NT	7
UST 55B	55B	NL	55	1943	5,000 Steel	Unknown	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	NL		Unknown				A,B			NT	7
UST 56A	56A	1C	56	1943	1,400 Steel	Diesel	Inactive			SB		Sand				A,B			NT	7
UST 56B	56B	1C	56	1943	1,400 Steel	Fuel oil	Inactive	AP unable to locate tank.		SB		Sand				A,B,E			NT	7
UST 56C	56C	1C	56	1943	500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB		Sand				A,B			NT	7
UST 57	57	1C	57	1943	15,000 Concrete	Fuel oil	Removed	UST 57 listed as a 5,000 gal steel UST in 1993 Station UST Inventory. AP removed a 15,000 gal concrete tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 58	58	1C	58	1943	5,300 Concrete	Diesel	Removed	UST 58 listed as a 2,600 gal steel UST in 1993 Station UST Inventory AP removed a 5,300 gal concrete tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 59	59	1C	59	1943	5,300 Concrete	Diesel	Removed	UST 59 listed as a 2,600 gal steel UST in 1993 Station UST Inventory AP removed a 5,300 gal concrete tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 60	60	1C	60	1943	2,000 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 62	62	1C	62	1943	500 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1962	Sand				A,B			NT	7
UST 63A	63A	1B	63	1943	500 Steel	Diesel	Removed	From 1993 Station UST Inventory: Two tanks connected by a manifold found and removed on 11/1/91. From JEG report: ~850 gal of suspected product released into excavation when manifold between 63A and B was broken.	Further investigation of vertical and lateral extent of contamination recommended in JEG tank closure report.	LC	1991	Sand	X		TPH concentrations for soil below tank was 24,000 ppm and for the soil stockpile was 33,000 ppm. BTXE levels were just above the detection limit.	A,B,F			NT	7
UST 63B	63B	1B	63	1943	500 Steel	Diesel	Removed	From 1993 Station UST inventory: Two tanks connected by a manifold found and removed on 11/1/91. From JEG report: ~850 gal of suspected product released into excavation when manifold was broken. Excavation lined with plastic sheeting and backfilled.	Further investigation of vertical and lateral extent of contamination recommended in JEG tank closure report.	LC	1991	Sand	X		TPH concentrations for soil below tank was 18,000 ppm and for the soil stockpile was 33,000 ppm. BTXE levels were just above the detection limit.	A,B,F			NT	7
UST 65A	65A	1C	65	1943	1,000 Concrete	Fuel oil	Inactive	From 1993 Station UST Inventory: In 1987 Survey tank size listed as 1400 gal; in the EPA registration form the tank size is listed as 1000 gal.	Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 65B	65B	1C	65	1943	2,000 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB		Sand				A,B			NA	7
UST 66A	66A	1B	66	1943	1,100 Steel	Diesel	Removed	UST 66A listed as a 1,500 gal steel tank in 1993 Station UST Inventory. AP removed a 1,100 gal steel tank; bottom of excavation = 8 ft.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NA	7
UST 66B	66B	1B	66	1943	1,500 Steel	Diesel	Inactive	AP unable to locate tank.		SB		Unknown				A,B,E			NA	7
UST 67A	67A	1B	67	1943	1,500 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1978	Sand				A,B			NA	7
UST 67B	67B	1B	67	1943	1,500 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1978	Sand				A,B			NA	7
UST 68	68	1B	68	1943	500 Steel	Diesel	Removed	From JTL report: Excavation was lined with LDPE liner and then backfilled with washed concrete sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1992	Sand	X		TPH levels in soils around the tank were : 5,100 ppm (2' under tank). Other samples were non-detect. BTXE detected in sample taken from under tank only. B=109 ppb, T=104 ppb, X=114 ppb, E=9 ppb.	A,B,D			NA	7

**Table 3-7
Underground Storage Tank Inventory
MCAS EI Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.) Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 69	69	1B	69	1943	500 Steel	Fuel oil	Closed (1)	From JTL report: UST not found in an excavated area 20'x20'x12'. Piping associated with the UST was removed on 1/30/92. Excavation was backfilled with washed concrete sand and original soil.	JTL report recommends closure to be considered final.	LC	1960	Sand	X		TPH and BTXE not detected in all samples.	A,B,D			NA	2'
UST 70	70	1B	718	1943	500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: UST located under Building 718 on 12-4-91. Tank couldn't be removed.		S	1974	Sand				A,B			NT	7
UST 71	71	1B	71	1943	500 Steel	Fuel oil	Removed	From JTL report: UST not found in an excavated area 20'x20'x12'. Piping associated with the UST was removed on 2/6/92. Excavation was backfilled with its original soil.	Soil results indicate no soil contamination according to the JTL tank closure report. JTL report recommends closure to be considered final.	LC	1991	Sand	X	TPH not detected in soil samples. BTXE detected in sample taken from fill pipe area; X=34 ppb.	A,B,D			NT	2'	
UST 72	72	1B	718	1943	500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: UST located under Building 718 on 12-4-91. Tank couldn't be removed.		S	1974	Sand				A,B			NT	7
UST 73	73	1B	73	1943	500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: UST not found. Removed piping on 2/6/92.	No further investigation recommended in the 1993 Station UST Inventory.	S	1960	Sand	Unknown			A,B			NT	7
UST 74	74	1B	74	1943	500 Steel	Diesel	Closed (1)	UST not found in an excavated area 20'x20'x12'. Piping associated with the UST From JTL report: was removed on 2/6/92. Excavation was backfilled with its original soil.	JTL report recommends closure to be considered final.	LC	1960	Sand	X	TPH and BTXE not detected in all samples.	A,B,D				NT	2'
UST 75A	75A	1B	75	1943	500 Steel	Diesel	Removed	From JTL report: Tank removed 12/13/91. Tank found full of fuel oil. Excavation lined with visqueen liner and backfilled with clean sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Unknown	X	TPH levels in soils around tank were 80,000 ppm for the spoil pile, other samples non-detect. Highest BTXE level in sample from spoil pile: B=94 ppb, T=1230 ppb, X=4160 ppb, E=848 ppb.	A,B,D			NT	7	
UST 75B	75B	1B	75	1943	500 Steel	Diesel	Removed	From JTL report: Tank removed 12/13/91. Tank found full of fuel oil. Excavation was backfilled with contaminated spoil, lined with LDPE liner, and backfilled with clean sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Unknown	X	TPH levels in soils around tank were 2,900 ppm (2' under tank) and 9,700 and 28 ppm (south and north side of excavation), other samples non-detect. BTXE detected in spoil sample only: X=12 ppb.	A,B,D			NT	7	
UST 75C	75C	1B	75	1943	500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: Tank is located under 2 ft concrete dock supporting mechanical units.		S		Unknown				A,B			NT	7
UST 77	77	1B	77	1943	500 Steel	Diesel	Closed (1)	From JTL report: UST removed on 2/14/91. Excavation backfilled with clean sand and original soil.	JTL report recommends closure to be considered final.	LC	1992	Unknown	X	TPH & BTXE not detected in all samples.	A,B,D				NT	2'

**Table 3-7
Underground Storage Tank Inventory
MCAS EI Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 78	78	1B	78	1943	500 Steel	Diesel	Removed	From JTL report: Tank removed 12/4/91 and was found full of fuel oil. Excavation was backfilled with contaminated soil, lined with LDPE liner, and backfilled with clean sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X		TPH levels in soils around tank were : 25,000 ppm (2' under tank), 48,000 & 6,800 ppm (north & south side of excavation), 48,000 ppm (spoil), other samples=ND. Highest BTXE level detected in spoil sample: B=120 ppb, T=1200 ppb, X=6100 ppb, E=1200 ppb	A,B,D			NT	7
UST 79	79	1B	79	1943	500 Steel	Fuel oil	Inactive			S	1960	Sand				A,B			NT	7
UST 80	80	1B	80	1943	500 Steel	Diesel	Removed	From JTL report: Tank removed 12/4/91 and was found full of fuel oil. Excavation was backfilled with contaminated soil, lined with LDPE liner, and backfilled with clean sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Sand	X		TPH levels in soils around tank were : 32,000 ppm (2' under tank) and 2,500 ppm (northeast side of excavation), other samples non-detect. Highest BTXE level detected in sample taken from under tank: B=220 ppb, T=240 ppb, X=9400 ppb, E=2100 ppb	A,B,D			NT	7
UST 81	81	1B	81	1943	500 Steel	Diesel	Closed (1)	From JTL report: UST not found in an excavated area 20'x20'x12". Piping associated with the UST was removed on 1/30/92. Excavation backfilled with its original soil.	JTL report recommends closure to be considered final.	LC	1960	Sand	X		TPH & BTXE not detected in all samples.	A,B,D			NT	2*
UST 82	82	1B	82	1943	500 Steel	Diesel	Closed (1)	From JTL report: UST not found in an excavated area 20'x20'x12". Piping associated with the UST was removed on 11/26/92. Excavation backfilled with its original soil.	JTL report recommends closure to be considered final.	LC	1960	Sand	X		TPH & BTXE not detected in all samples.	A,B,D			NT	2*
UST 83A	83A	1B	83	1943	1,500 Steel	Fuel oil	Removed	AP removed a 1,500 gal steel tank; excavation depth = 8 ft.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 83B	83B	1B	83	1943	1,500 Steel	Fuel oil	Removed	This tank was removed under contract CTO168 in January 1994 per EI Toro staff.		S		Unknown				A,B			NT	7
UST 84A	84A	1B	84	1943	1,500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: Deactivated in 1978. Facility demolished in 1984.		S	1978	Unknown				A,B			NT	7
UST 84B	84B	1B	84	1943	1,500 Steel	Fuel oil	Inactive	From 1993 Station UST Inventory: Deactivated in 1978. Facility demolished in 1984.		S	1978	Sand				A,B			NT	7
UST 94	94	1B	94	1943	1,500 Steel	Fuel oil	Removed	From 1993 Station UST Inventory: UST removed 5/13/93. AP removed a 1,500 gal steel tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 98A	98A	1B	98	1943	1,500 Concrete	Fuel oil	Inactive	From 1993 Station UST Inventory: Deactivated and filled with sand in 1974.		S	1974	Sand				A,B			NT	7
UST 98B	98B	1B	98	1943	500 Steel	Fuel oil	Inactive			SB		Unknown				A,B			NT	7
UST 105A	105A	2A	105	1943	1,000 Steel	Fuel oil	Inactive	AP unable to locate tank during an exploratory excavation effort on 5/5/93.		SB		Sand				A,B,E			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.) Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 105B	105B	2A	105	1943	500 Steel	Diesel	Removed		No further investigation recommended in the 1993 Station UST inventory because no soil contamination was discovered during UST removal.	S	1991	Sand	Unknown			A,B			NT	7
UST 114A	114A	5A	114	1966	1,500 Steel	Fuel oil	Removed	Tank removed 10/11/91. Excavation was backfilled and resurfaced with asphalt.	Soil results indicate no soil contamination according to the JEG tank closure report. However, 220 and 550 ppm of TPH was detected. JEG report recommends closure to be considered final.	LC		Unknown	X		TPH concentrations of 220 and 550 ppm detected in samples taken from the NW corner of the excavation and spoil pile, respectively. E= 8 ppb in spoil pile sample. BTXE not detected in other sample.	B				7
UST 114B	114B	5A	114	1966	560 Steel	Diesel	Removed	From 1993 Station database: UST removed 10/11/91. No mention of contaminated soil.		S	1991	Sand	Unknown			A,B			NT	7
UST 115A	115A	5A	115	1943	650 Steel	Fuel oil	Removed	AP removed a 650 gal steel tank.		LC	1993	Unknown	X		Awaiting soil sample results	B,E				7
UST 115B	115B	5A	115	1966	560 Steel	Fuel oil	Removed	From 1993 Station UST report: 560 gal UST removed 6/17/93		S	1993	Sand	Unknown			A,B			NT	7
UST 116	116	5A	116	1943	500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: Deactivated and filled with sand in 1964.		S	1964	Sand				A,B			NT	7
UST 117	117	5A	117	1943	500 Steel	Diesel	Closed (1)	From 1993 Station UST Inventory: Deactivated and filled with sand in 1964.		S	1964	Sand				A,B			NT	7
UST 126	126	2A	126	1943	500 Steel	Diesel	Removed	From 1993 Station UST Inventory: UST removed on 12/4/91.	Contaminated soil discovered while removing tank according to the 1993 Station UST Inventory. Further investigation required.	S	1991	Sand	Unknown			A,B			NT	7
UST 130A	130A	2A	130	Unknown	1,500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 130B	130B	2A	130	Unknown	1,500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 133	133	2A	133	1943	500 Steel	Diesel	Closed (1)	From JTL report: UST removed on 12/13/91. Excavation backfilled with washed concrete sand and original soil.	JTL report recommends closure to be considered final.	LC	1991	Sand	X		TPH & BTXE not detected in all samples.	A,B			NT	2*
UST 138	138	2A	138	1943	1,000 Steel	Diesel	Inactive	From 1993 Station UST Inventory: Deactivated and filled with sand in 1974.	Tank scheduled for removal per 1993 Station UST Inventory.	SB	1974	Sand				A,B			NT	7
UST 146	146	1C		Unknown	2,600 Concrete	Unknown	Removed	Removal of tank 146 was added to the AP contract. The tank was identified on as-builts as a 2,600 gal concrete tank. The material stored in the tank was not identified.		LC	1993	Unknown	X		Awaiting soil sample results.	E				7
UST 159	159	4B	159	1943	200 Steel	Fuel oil	Inactive	From 1993 Station UST Inventory: Tank filled with sand on an unknown date.	Tank scheduled for removal per 1993 Station UST Inventory.	SB		Sand				A,B			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 176	176	1A	TF 2 (242)	1943	25,000 CC	Av.Gas	Inactive	From 1993 Station UST Inventory: Deactivated in 8/93. The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, the El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were to be removed.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1993	Wastewater				A,B,G,I	3/8/90	Yearly	Passed	7
UST 177	177	1A	TF 2 (242)	1943	50,000 CC	Av.Gas	Inactive	The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were scheduled to be removed.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1992/ 1993	Wastewater				A,B,G,I	3/8/90	Yearly	Passed	7
UST 178	178	1A	TF 2 (242)	1943	50,000 CC	Av.Gas	Inactive	From RFA: SWMU 48-NFA, stained soil near housing unit. The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were to be removed.	No further action recommended in the RFA based on soil sample results. Tank scheduled for removal per 1993 Station UST Inventory.	LC	1992/ 1993	Wastewater	X		Refer to the RFA, Appendix A.	A,B,G,I	2/22/90	Yearly	Passed	7
UST 179	179	1A	TF 2 (242)	1943	25,000 CC	Av.Gas	Inactive	From RFA: SWMU 49-NFA: soil stained near ends of a discarded fill hose. The JEG Draft Monitoring Plan listed a CVZME was to be installed. However, El Toro Tank Farm staff reported that a would not be installed because TF 2 tanks were to be removed.	No further action recommended in the RFA based on soil sample results. Tank scheduled for removal per 1993 Station UST Inventory.	LC	1992/ 1993	Wastewater	X		Refer to the RFA, Appendix A.	A,B,G,I	2/22/90	Yearly	Passed	7
UST 180	180	1A	TF 2 (242)	1943	25,000 CC	Av.Gas	Inactive	From RFA: SWMU 51-not sampled, no evidence of a release, NFA recommended. The JEG Draft Monitoring Plan listed a was to be installed. However, El Toro Tank Farm staff reported that a would not be installed because TF 2 tanks were to be removed.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1992/ 1993	Wastewater				A,B,G,I	3/1/90	Yearly	Passed	7
UST 181	181	1A	TF 2 (242)	1943	50,000 CC	Av.Gas	Inactive	The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were scheduled to be removed.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1992/ 1993	Wastewater				A,B,G,I	3/1/90	Yearly	Passed	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 182	182	1A	TF 2 (242)	1943	50,000 CC	Av. Gas	Inactive	From RFA: SWMU 52-not sampled; no evidence of a release; NFA recommended. The JEG Monitoring Plan listed a CVZME was to be installed. However, El Toro Tank Farm staff reported that a CVZME would not be installed because TF 2 tanks were to be removed.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1992/ 1993	Wastewater				A,B,G,I	3/1/90	Yearly	Passed	7
UST 183	183	1A	TF 2 (242)	1943	25,000 CC	Av. Gas	Inactive	The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were scheduled to be removed.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1992/ 1993	Wastewater				A,B,G,I	2/22/90	Yearly	Passed	7
UST 184	184	1D	TF 1 (184)	1943	25,000 CC	Unknown	Inactive	From 1993 Station UST Inventory: Tank decommissioned in 1965.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1965	Unknown				A,B			NT	7
UST 185	185	1D	TF 1 (185)	1943	50,000 CC	Unknown	Inactive	From 1993 Station UST Inventory: Tank decommissioned in 1965.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1965	Unknown				A,B			NT	7
UST 186	186	1D	TF 1	1943	25,000 CC	Unknown	Inactive	From RFA: SWMU 275-NFA. From 1993 Station UST Inventory: Tank decommissioned in 1965. From interview with El Toro Tank Farm staff, this tank located under asphalt in the static aircraft display area.	No further action recommended in the RFA based on soil sample results. Tank scheduled for removal per the 1993 Station UST Inventory.	LC	1965	Unknown	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 187	187	1D	TF 1	1943	50,000 CC	Aviation Gas/JP-5	Inactive	From RFA: SWMU 276-NFA. From 1993 Station UST Inventory: Tank decommissioned in 1965. According to El Toro Tank Farm staff, UST located in static display area under the asphalt.	No further action recommended in the RFA based on soil sample results. Tank scheduled for removal per the 1993 Station UST Inventory.	LC	1965	Unknown	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 188	188	1A	TF 3	1943	25,000 CC	Unknown	Inactive	From RFA: SWMU 277-NFA. From 1993 Station UST Inventory: Tank decommissioned in 1970.	No further action recommended in the RFA based on soil sample results. Tank scheduled for removal per the 1993 Station UST Inventory.	LC	1970	None	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 189	189	1A	TF 3 (272)	1943	50,000 CC	Waste Oil	Active	From RFA: SWMU 57-NFA. According to El Toro staff, contents of tank were emptied in January 1994.	No further action recommended in the RFA based on soil sample results. Tank scheduled for removal per the 1993 Station UST Inventory.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C,G,H	3/1/90		Passed	7
UST 190	190	1A	TF 3	1943	50,000 CC	Unknown	Inactive	From RFA: SWMU 278-NFA. From 1993 Station UST Inventory: Tank demolished in 1967. El Toro tank list identifies this tank as removed, however during the RFA this tank was determined to still be in place.	No further action recommended in the RFA based on soil sample results.	LC	1967	None	X		Refer to the RFA, Appendix A.	A,B,C			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 191	191	1A	TF 3 (272)	1943	25,000 CC	Waste Oil	Inactive	From RFA: SWMU 59-NFA. According to El Toro staff, contents of tank were emptied in January 1994.	Tank scheduled for removal per 1993 Station UST Inventory. No further action recommended in the RFA based on soil sample results.	LC	1993	Waste oil	X		Refer to the RFA, Appendix A.	A,B,C,G,H	2/22/90		Passed	7
UST 192	192	1A	TF 3	1943	25,000 CC	Unknown	Inactive	From 1993 Station UST Inventory: Tank demolished in 1970. El Toro tank list identifies this tank as removed, however during the RFA this tank was determined to still be in place.		LC	1970	None				A,B			NT	7
UST 193	193	1A	TF 3	1943	50,000 CC	Unknown	Inactive	From RFA: SWMU 279-NFA. From 1993 Station UST Inventory: Tank demolished in 1970. El Toro tank list identifies tank as removed, however during the RFA this tank was determined to still be in place.	No further action recommended in the RFA based on soil sample results.	LC	1970	None	X			A,B,C			NT	7
UST 194	194	1A	TF 3	1943	50,000 CC	Unknown	Inactive	From 1993 Station UST Inventory: Tank demolished in 1970. El Toro tank list identifies this tank as removed, however during the RFA this tank was determined to still be in place.		LC	1970	None				A,B			NT	7
UST 195	195	1A	TF 3	1943	25,000 CC	Waste Fuel	Inactive	From RFA: SWMU 280-FA. From 1993 Station UST inventory. Tank demolished in 1970. El Toro tank list identifies this tank as removed, however during the RFA this tank was determined to still be in place.		LC	1970	Waste Fuel	X		Refer to the RFA, Appendix A.	A,B,C,G	1990		NT	7
UST 196	196	2A	TF 4	1943	25,000 CC	Diesel	Inactive	From 1993 Station UST Inventory: Tank not needed and can be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC	1993	Waste Fuel				A,B,G	2/6/90	Yearly	Passed	7
UST 197	197	2A	TF 4	1943	50,000 CC	Diesel	Inactive	From 1993 Station UST Inventory: Tank not needed and can be removed. The JEG Draft Monitoring Plan listed a CVZME was to be installed. However, El Toro Tank Farm staff reported that a CVZME would not be installed because TF 4 tanks were to be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC	1993	Waste Fuel				A,B,G,I	2/14/90	Yearly	Passed	7
UST 198	198	2A	TF 4	1943	50,000 CC	JP-5	Active	From 1993 Station UST Inventory: Tank not needed and can be removed. The JEG Draft Monitoring Plan listed a CVZME was to be installed. However, El Toro Tank Farm staff reported that a CVZME would not be installed because TF 4 tanks were to be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC		Wastewater				A,B,G,I	2/16/90	Yearly	Passed	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.) Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 199	199	2A	TF 4	1943	25,000 CC	JP-5	Inactive	From 1993 Station UST Inventory: Tank not needed and can be removed. The JEG Draft Monitoring Plan listed a CVZME was to be installed. However, El Toro Tank Farm staff reported that a CVZME would not be installed because TF 4 tanks were to be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC	1993	Waste Fuel				A,B,G,I	2/14/90	Yearly	Passed	7
UST 200	200	2A	TF 4	1943	25,000 CC	JP-5	Inactive	The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were scheduled to be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC	1993	JP-5				A,B,G,I	2/16/90	Yearly	Passed	7
UST 201	201	2A	TF 4	1943	50,000 CC	JP-4	Inactive	The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were scheduled to be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC	1993	JP-5				A,B,G,I	2/16/90	Yearly	Passed	7
UST 202	202	2A	TF 4	1943	50,000 CC	JP-4	Inactive	The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were scheduled to be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC	1993	JP-5				A,B,G,I	2/14/90	Yearly	Passed	7
UST 203	203	2A	TF 4	1943	25,000 CC	JP-4	Inactive	The JEG Draft Monitoring Plan listed a CVZME was scheduled to be installed. However, El Toro Tank Farm staff reported that the CVZME would not be installed because TF 2 tanks were scheduled to be removed.	According to El Toro staff, tanks associated with TF 4 are slated for removal.	LC	1993	JP-5				A,B,G,I	2/14/90	Yearly	Passed	7
UST 204	204	5A	TF 6 (396)	1943	50,000 CC	R JP-5	Inactive	From RFA: SWMU 60-not sampled, since tank passed leak test and no evidence of release, NFA recommended. From 1993 Station UST Inventory: Tank not needed & can be removed; Deactivated 8/93. According to El Toro Tank Farm Staff, tank inactive for 10 years.		LC	1993	R JP-5				A,B,C,G	2/16/90	Yearly	Passed	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.) Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 205	205	5A	TF 6 (396)	1943	25,000 CC	R JP-5	Inactive	From RFA: SWMU 61-not sampled; since tank passed leak test and no evidence of release. NFA recommended. From 1993 Station UST Inventory: Tank not needed & can be removed; Deactivated 8/93 According to El Toro Tank Farm Staff, tank inactive for 10 years		LC	1993	R JP-5				A,B,C,G	2/15/90	Yearly	Passed	7
UST 206	206	5A	TF 6 (396)	1943	50,000 CC	Premium Gas	Active	From RFA: SWMU 62 - not sampled; since tank passed leak test. Vadose zone monitoring had readings of greater than 3,500 ppm	Continuous vadose zone monitoring equipment for leaks along with spill containment are scheduled to be installed at this site.	LC		Unleaded				A,B,C,G	2/16/90	Yearly	Passed	7
UST 207	207	5A	TF 6 (396)	1943	50,000 CC	Premium Gas	Active	From RFA: SWMU 63 - not sampled; since tank passed leak test and there is no evidence of release. NFA recommended.	Continuous vadose zone monitoring equipment for leaks along with a catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		Unleaded				A,B,C,G	2/21/90	Yearly	Passed	7
UST 208	208	2A	TF 5	1943	50,000 CC	Aviation Gas	Active		Continuous vadose zone monitoring equipment for leaks along with a catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		Diesel				A,B,G				7
UST 209	209	2A	TF 5	1943	25,000 CC	Recycled Aviation Gas	Active		Continuous vadose zone monitoring equipment for leaks along with a catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G	2/13/90	Yearly	Passed	7
UST 210	210	2A	TF 5	1943	25,000 CC	Aviation Gas	Inactive	From 1993 Station UST Inventory Tank demolished in 1970. According to El Toro Staff, tank was deactivated in 1972, not demolished; tank scheduled to be removed. From Jake Kormos files in 1977, tank leaked due to tank coating applied out-of-spec.	Tank scheduled for removal according to El Toro Tank Farm staff	LC	1972	JP-5				A,B,G			NT	7
UST 211	211	2A	TF 5	1943	50,000 CC	Aviation Gas	Active		Continuous vadose zone monitoring equipment for leaks along with a catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G	2/13/90		Passed	7
UST 212	212	2A	TF 5	1943	50,000 CC	Aviation Gas	Inactive	According to El Toro staff, tank has been out of use since 1972. From Jake Kormos files: Water leaked into tank through tank roof; not used to store fuel since 1977.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1972	JP-5				A,B,G			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 213	213	2A	TF 5	1943	25,000 CC	Recycled Aviation Gas	Active		Continuous vadose zone monitoring equipment for leaks along with a catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G	2/13/90	Yearly	Passed	7
UST 214	214	2A	TF 5	1943	25,000 CC	Aviation Gas	Inactive	From Jake Kormos files: In 1977, tank leaked due to tank coating applied out-of-specs.	Tank scheduled for removal per 1993 Station UST Inventory.	LC	1990	JP-5				A,B,G			NT	7
UST 215	215	2A	TF 5	1943	50,000 CC	Aviation Gas	Active		Continuous vadose monitoring equipment for leaks along with catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G	2/13/90	Yearly	Passed	7
UST 216	216	2A	TF 4 (1538)	1943	50,000 CC	Diesel	Inactive	From 1993 Station UST Inventory: Tank not needed and can be removed. The JEG Draft Monitoring Plan listed a CVZME was to be installed. However, El Toro Tank Farm staff reported that a CVZME would not be installed because TF 4 tanks were to be removed.		LC		Diesel				A,B,G,I	2/21/90	Yearly	Passed	7
UST 217	217	2A	TF 4 (1538)	1943	25,000 CC	Diesel	Inactive	From 1993 Station UST Inventory: Tank not needed and can be removed. The JEG Draft Monitoring Plan listed a CVZME was to be installed. However, El Toro Tank Farm staff reported that a CVZME would not be installed because TF 4 tanks were to be removed.		LC	1993	Diesel				A,B,G,I	2/21/90	Yearly	Passed	7
UST 218	218	2A	TF 4 (1538)	1943	25,000 CC	Diesel	Inactive	From 1993 Station UST Inventory: Tank not needed and can be removed. From Jake Kormos files: In 1981, tank was filled with unleaded fuel and leaked due to poorly installed tank coating.	A CVZME, listed in the JEG Draft Monitoring Plan, will not be installed according to El Toro Tank Farm staff Tanks associated with TF 4 are scheduled for removal.	LC	1993	Diesel				A,B,G,I	2/22/90	Yearly	Passed	7
UST 219	219	1B	TF 3	1943	50,000 CC	Unknown	Inactive	From 1993 Station UST Inventory: Tank demolished in 1970. During a geophysical survey conducted prior to the RFA field effort, these tanks were determined to still be in place.		LC	1970	Unknown				A,B			NT	7
UST 220	220	1B	TF 3	1943	25,000 CC	Unknown	Inactive	From 1993 Station UST Inventory: Tank demolished in 1970. During a geophysical survey conducted prior to the RFA field effort, these tanks were determined to still be in place.		LC	1970	Unknown				A,B			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 221	221	1B	TF 3	1943	25,000 CC	Unknown	Inactive	From 1993 Station UST Inventory: Tank demolished in 1970. During a geophysical survey conducted prior to the RFA field effort, these tanks were determined to still be in place.		LC	1970	Unknown				A,B			NT	7
UST 224	224	1D	224	1943	500 Steel	Fuel Oil	Inactive	From 1993 Station UST Inventory: Facility demolished and tank filled with sand in 1959	Tank scheduled to be removed per the 1993 Station UST Inventory.	SB	1959	Sand				A,B			NT	7
UST 240A	240A	1A	240	1944	8,000 Steel	Aviation Gas	May Have Been Removed	From 1993 Station UST Inventory: Tank was removed when tank 797 was installed.		SB	1985	Unknown				A,B			NT	7
UST 240B	240B	1A	240	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 65-NFA; receives waste oil from OWS 240C.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 241	241	1A	241	1945	850 Steel	Diesel	Removed	From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 850 gal steel tank in 1993		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 243	243	1A	243	1944	1,500 Concrete	Fuel oil	Removed	AP removed a 1,500 gal concrete tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 247	247	1D	247	1945	1,500 Concrete	Fuel oil	Inactive	From 1993 Station UST Inventory: Facility demolished and tank filled with sand in 1977.	Tank scheduled for removal per 1993 Station UST Inventory.	SB	1977	Sand				A,B			NT	7
UST 248	248	1D	248	1945	1,500 Concrete	Fuel oil	Removed	From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 1,500 gal concrete tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B			NT	7
UST 249	249	1D	249	1945	1,500 Concrete	Fuel oil	Removed	From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 1,500 gal concrete tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B			NT	7
UST 250	250	1D	250	1945	1,500 Concrete	Fuel oil	Removed	From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 1,500 gal concrete tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B			NT	7
UST 251	251	1D	251	1944	2,000 Concrete	Fuel oil	Removed	From 1993 Station UST Inventory: 1987 Survey - Tank listed as removed.		S	1987	None	Unknown			A,B			NT	7
UST 252	252	NL	252	Unknown	1,400 Steel	Diesel	Inactive	From RFA: SWMU 281-not sampled; UST not located.	Tank scheduled for removal per 1993 Station UST Inventory.	NL		Unknown				A,B,C			NT	7
UST 253	253	1D	253	1945	1,500 Concrete	Fuel oil	Inactive	From 1993 Station UST Inventory: Deactivated in 1948. Tank filled with sand in 1961.	Tank scheduled for removal per 1993 Station UST Inventory.	SB	1948	Sand				A,B			NT	7
UST 254	254	1D	254	1958	1,500 Concrete	Fuel oil	Inactive	From 1993 Station UST Inventory: Tank deactivated in 1961 and filled with sand in 1977.	Tank scheduled for removal per 1993 Station UST Inventory.	SB	1961	Sand				A,B			NT	7
UST 255	255	1D	255	1945	1,500 Concrete	Fuel oil	Inactive	From 1993 Station UST Inventory: Tank deactivated and filled with sand in 1961.	Tank scheduled for removal per 1993 Station UST Inventory.	SB	1961	Sand				A,B			NT	7
UST 256	256	1C	256	1945	2,000 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 257	257	1C	257	1944	2,000 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 271D	271D	1B	271	1944	650 Concrete	Fuel oil	Removed	AP removed a 650 gal concrete tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 272	272	1B	272	1944	1,500 Concrete	Fuel oil	Removed	AP removed a 1,500 gal concrete tank.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 273	273	1B	273	1944	300 Steel	Fuel oil	Removed	AP removed a 300 gal steel tank; tank was located under a concrete slab/encasement.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 274	274	1B	274	1945	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1980	Sand				A,B			NT	7
UST 275	275	1B	275	1944	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	Unknown	Sand				A,B			NT	7
UST 276	276	1B	276	1945	1,500 Concrete	Fuel oil	Removed	AP removed a 1,500 gal concrete tank.		LC	Unknown	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 277	277	1B	277	1945	1,500 Concrete	Fuel oil	Removed	AP removed a 1,500 gal concrete tank.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 278A	278A	1B	278	1945	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1982	Sand				A,B			NT	7
UST 278B	278B	1B	278	1945	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1982	Sand				A,B			NT	7
UST 279	279	1B	279	1945	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 280	280	1B	280	1945	2,000 Concrete	Diesel	Removed	From JEG report: UST removed 10/5/91; Excavation was lined with plastic sheeting, backfilled, and resurfaced. Stockpiled soil removed for disposal on 11/1/91.	Further investigation of vertical and lateral extent of contamination recommended in JEG tank closure report.	LC	1991	Unknown	X	10/4/91	Sample results for northern edge of excavation: TPH sample diluted & concentration was 1,600 ppm, BTXE concentrations were: T=1,100 ppb, E=6,500 ppb, and X=5,300 ppb. Sample under tank contained 900 ppm TPH; BTXE levels slightly above detection limit.	A,B,F			NT	7
UST 281	281	1B	281	1944	2,000 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1987	Sand				A,B			NT	7
UST 282	282	1B	282	1945	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1980	Sand				A,B			NT	7
UST 283	283	1B	283	1945	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1980	Sand				A,B			NT	7
UST 284	284	1B	284	1945	2,000 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1974	Sand				A,B			NT	7
UST 285	285	1B	285	1944	2,000 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1979	Sand				A,B			NT	7
UST 288	288	5A	288	1944	1,500 Concrete	Fuel oil	Removed	AP removed a 1,500 gal concrete tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 292	292	2A	292	1944	1,500 Concrete	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 294	294	5A	294	1944	1,500 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1960	Sand				A,B			NT	7
UST 295	295	5A	295	1984	1,000 Fiberglass	Diesel	Closed (1)	From JEG report: UST removed on 10/15/91; Excavation backfilled and resurfaced with concrete.	Soil results indicate no soil contamination according to the JEG tank closure report. JEG report recommends closure to be considered final.	LC	1991	Sand	X		TPH and BTXE were non-detect in samples.	A,B			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 296	296	5A	296	1984	6,000 Fiberglass	Diesel	Closed (1)	From JEG report: UST removed on 10/15/91; Excavation was backfilled.	Soil results indicate no soil contamination according to the JEG tank closure report. JEG report recommends closure to be considered final.	LC	1991	Sand	X		TPH and BTXE were non-detect in samples.	A,B			NT	7
UST 297A	297A	5A	297	1984	6,000 Fiberglass	Diesel	Removed	From 1993 Station UST inventory: UST removed 6/11/93. AP removed a 6,000+ gal fiberglass tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 297C	297C	5A	297	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 77-comb w/SWMU 76-NFA; receives waste oil from OWS 297B	No further action recommended in the RFA based on soil sample results.	S		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 298A	298A	4A	298	1944	3,000 Steel	Unleaded	Active		An automatic tank level monitoring system and spill containment were installed in 1993.	S		Unleaded				A,B,G,I	2/20/90	Yearly	Passed	7
UST 298B	298B	4A	298	1944	2,000 Steel	Diesel Fuel	Active	The automatic tank monitoring level system was not installed according to El Toro staff.		S		Diesel Fuel				A,B,G	2/20/90	Yearly	Passed	7
UST 298D	298D	4A	298	1982	185 Steel	Waste oil	Active	From RFA: SWMU 85-comb w/SWMU 84-FA; receives waste oil from OWS 298C. A new switching valve & box were installed in 2/94 according to El Toro staff.	Further investigation of the tank's current condition by leak testing and inspection is recommended.	LC		Unknown	X		Refer to the RFA, Appendix A.	A,B,C,H			NT	7
UST 304A	304A	4A	304	1944	1,500 Concrete	Fuel oil	Removed	From EG&G report: UST 304A listed as a 500 gal steel No 2 fuel oil tank. AP removed a 1,500 gal concrete fuel oil tank.		S	1993	Sand	Unknown		Awaiting soil sample results.	B				7
UST 304B	304B	4A	304	1944	1,400 Concrete	Fuel oil	Inactive			SB	1993	Sand				A,B			NT	7
UST 306	306	4A	306	1944	500 Steel	Diesel	Removed	From JTL report: Tank removed on 12/13/91. Excavation was backfilled with contaminated soil, lined with LDPE liner and then backfilled with washed concrete sand.	Further investigation of vertical and lateral extent of contamination recommended in JTL tank closure report.	LC	1991	Unknown	X	12/13/91	TPH levels in soils around the tank were 130 ppm (2' under tank) and 680 ppm (2' under pipe). TPH level in spill sample was non-detect. BTXE not detected in all samples.	A,B,D			NT	7
UST 314A	314A	4A	314	1945	50,000 Concrete	Diesel	Inactive	SWMU 91-NFA. Standing water in vault noted during inspection on 7/13/93. The UST still contained ~ 1000 gal of sludge. The tank is located on the west side of Bldg 314. According to El Toro staff, tank contents removed in January 1994.	Tank scheduled for removal per 1993 Station UST Inventory. No further action recommended in the RFA based on soil sample results.	LC	1993	Waste oil	X		Refer to the RFA, Appendix A.	A,B,C,G,H			NT	7
UST 314B	314B	4A	314	1945	50,000 Concrete	Diesel	Inactive	SWMU 92-NFA. Standing water noted in vault during inspection on 7/13/93. The UST still contained ~ 1000 gal of sludge. The tank is located on the west side of Bldg 314. According to El Toro staff, tank contents were removed in January 1994.	Tank scheduled for removal per 1993 Station UST Inventory. No further action recommended in the RFA based on soil sample results.	LC	1993	Waste oil	X		Refer to the RFA, Appendix A.	A,B,C,G			NT	7
UST 317	317	4B	317	1945	275 Steel	Fuel oil	Inactive			S		Unknown				B				7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.)/ Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 318	318	4B	318	1945	275 Steel	Fuel oil	Inactive			S		Unknown				B				7
UST 319	319	4B	319	1945	275 Steel	Fuel oil	Inactive			S		Unknown				B				7
UST 321	321	4B	321	1984	1,000 Fiberglass	Diesel	Removed	From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 1,000 gal fiberglass tank in 1993		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 322B	322B	4B	322	Unknown	530 Steel	Diesel	Removed	From RFA: SWMU 282-NFA. From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 530 gal steel tank.	No further action recommended in the RFA based on soil sample results.	LC	1993	Unknown	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 324A	324A	4A	324	1945	8,000 Steel	JP-5	Inactive	From 1993 Station UST Inventory: Vent is capped.	Tank scheduled for removal per 1993 Station UST Inventory.	SB		Unknown				A,B			NT	7
UST 324B	324B	4A	324	1945	8,000 Steel	JP-5	Inactive	From 1993 Station UST Inventory: Vent is capped.	Tank scheduled for removal per 1993 Station UST Inventory.	SB		Unknown				A,B			NT	7
UST 324C	324C	4A	324	1945	8,000 Steel	JP-5	Inactive	From 1993 Station UST Inventory: Vent is capped.	Tank scheduled for removal per 1993 Station UST Inventory.	SB		Unknown				A,B			NT	7
UST 324D	324D	4A	324	1945	8,000 Steel	JP-5	Inactive			SB		Unknown				A,B			NT	7
UST 324E	324E	4A	324	1984	2,000 Fiberglass	Diesel	Removed	From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 2,000 gal fiberglass tank in 1993		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 326A	326A	4A	326	1945	1,700 Steel	JP-5	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB		Unknown				A,B			NT	7
UST 326B	326B	4A	326	1945	Unknown Steel	JP-5	Inactive	From RFA: SWMU 283-NFA.	Tank scheduled for removal per 1993 Station UST Inventory. No further action recommended in the RFA based on soil sample results.	LC		Unknown	X			A,B,C			NT	7
UST 327	327	1C	327	1945	2,600 Concrete	Diesel	Removed	From JEG report: UST removed 10/1/91; soil visibly stained and odorous, tank was eroded and crumbling. Excavation was lined with plastic sheeting and backfilled.	Further investigation of vertical and lateral extent of contamination recommended in JEG tank closure report.	LC	1991	Unknown	X		Sample concentrations from: Under tank TPH=2,000 ppm, E & X=23 ppb; SW part of excavation TPH=8,900 ppm, E=5,600 ppb, X= 5,100 ppb; Under fill lines TPH=12,000 ppm, E=3,200 ppb, X=7,500 ppb; Spoil sample TPH=9,500 ppm, T=590 ppb, E=1,100 ppb, X=4,800 ppb	A,B,F			NT	7
UST 328	328	1C	328	1945	2,600 Concrete	Diesel	Removed	From JEG report: UST removed 10/2/91; soil staining noticed throughout excavation; excavation lined with plastic sheeting and backfilled. Clean soil used to bring to grade, and grass seed was planted.	Further investigation of vertical and lateral extent of contamination recommended in JEG tank closure report.	LC	1991	Unknown	X	10/2/91	Sample concentrations from: Under tank TPH=16,000 ppm, E=4,800 ppb, X=12,000 ppb; SW part of excavation near fill line TPH=66,000 ppm, T=2,300 ppb, E=2,500 ppb, X= 10,000 ppb; Spoil sample TPH=13,000 ppm, E=1,100 ppb, X=1,500 ppb.	A,B,F			NT	7
UST 329	329	1C	329	1945	3,100 Concrete	Diesel	Removed	From 1993 Station UST Inventory: UST removed 5/11/93. AP removed a 3,100 gal concrete tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 335	335	4A	335	1945	4,000 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB		Sand				A,B			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 337A	337A	1B	337	1946	2,600 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1985	Sand				A,B			NT	7
UST 337B	337B	1B	337	1946	2,600 Concrete	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1985	Sand				A,B			NT	7
UST 347A	347A	1B	347	1948	5,000 Steel	Gasoline	Removed	AP removed a 5,000 gal steel tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 347B	347B	1B	347	1948	7,500 Steel	Gasoline	Removed	AP removed a 7,500 gal steel tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 347C	347C	1B	347	1948	10,000 Steel	Gasoline	Removed	AP removed a 10,000 gal steel tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 347D	347D	1B	347	1948	300 Steel	Waste oil	Removed	From RFA: SWMU 284 - not sampled. AP removed a 300 gal steel waste oil tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 351	351	1D	351	1944	500 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1960	Sand				A,B			NT	7
UST 359A	359A	4B	359	1984	1,000 Fiberglass	Diesel	Removed	From RFA: SWMU 303-NFA. From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 1,000 gal fiberglass tank.	No further action recommended in the RFA based on soil sample results.	LC	1993	Unknown	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 359C	359C	4B	359	1982	500 Fiberglass	Haz. Waste	Removed	From RFA: SWMU 102 - NFA. AP removed a 500 gal fiberglass tank in 1993.		LC	1993	Spent Solv	X		Awaiting soil sample results.	A,B,E			NT	7
UST 364A	364A	1G	364	1952	2,000 Steel	Fuel oil	Removed	AP removed a 2,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 364B	364B	1G	364	1952	5,300 Steel	Fuel oil	Removed	AP removed a 5,300 gal steel fuel oil tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 365	365	1G	365	1954	2,500 Steel	Diesel	Removed	This tank was removed on 7/10/87 according to James Hendron/OCHCA. OCHCA Plan Check #87-306, LUST #87-159.	Tank scheduled for removal per 1993 Station UST Inventory.	S	1988	Unknown	Unknown			A,B			NT	7
UST 366	366	1G	366	1954	2,500 Steel	Diesel	Abandoned In-Place	AP abandoned UST 366 in place. Tank was filled with a sand cement slurry & backfilled with uncontaminated soil. A soil sample was taken (maximum depth of typical soil sample was 3' below tank). Soil boring filled with cement.		LC	1993	Cement	X		Awaiting soil sample results.	A,B,E			NT	7
UST 367	367	1G	367	1954	2,500 Steel	Diesel	Abandoned In-Place	AP abandoned UST 367 in place. Tank was filled with a sand cement slurry & backfilled with uncontaminated soil. A soil sample was taken (maximum depth of typical soil sample was 3' below tank). Soil boring filled with cement.		LC	1993	Cement	X		Awaiting soil sample results.	A,B,E			NT	7
UST 368	368	4A	368	1984	2,000 Fiberglass	Diesel	Removed	From 1993 Station UST Inventory: UST removed 5/20/93. AP removed a 2,000 gal fiberglass tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 369	369	4A	369	1984	4,000 Fiberglass	Diesel	Removed	From 1993 Station UST Inventory: UST removed 5/19/93. AP removed a 4,000 gal fiberglass tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 372A	372A	5A	372	1954	1,000 Steel	Diesel	Active	From 1993 Station UST Inventory: Field inspection conducted on 7/28/93 discovered the tank was located in a restricted area. This tank was excluded from the AP tank removal contract.	An automatic tank monitoring level system and spill containment were installed in 1993.	LC		Fuel oil				A,B,E,I			NT	7
UST 372B	372B	5A	372	1954	2,500 Steel	Diesel	Removed	AP removed a 2,500 gal steel tank; fill lines were left in place due to natural gas line interference.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 374A	374A	3A	374	1954	42,000 Concrete	Diesel	Removed	From RFA: SWMU 263-NFA; Darkly stained soil noted; tank appeared full of a black and yellow liquid. AP removed a 42,000+ gal concrete tank in 1993.	No further action recommended in the RFA based on soil sample results.	LC	1993	Unknown	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 374B	374B	3A	374	1954	10,000 Steel	Diesel	Removed	AP removed a 10,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 375	375	1D	375	1954	10,000 Steel	Fuel oil	Removed	From 1993 Station UST Inventory: Supply and return lines have been disconnected in the boiler room. From AP As-Built: This tank removed from the AP tank removal contract; tank noted as removed at an unknown date on drawings.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 380A	380A	2A	380	1954	10,500 Steel	Diesel	Removed	From 1993 Station UST Inventory: UST removed 7/22/93. AP removed a 10,500 gal steel tank in 1993; noted that there was only one tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 380B	380B	2A	380	1954	600 Steel	Motor Gas	Removed	From 1993 Station UST Inventory: UST not found on 7/22/93 when excavating for tank. May have been removed at an earlier date. Only one tank noted on AP As-Built; assumed to be UST 380A. El Toro staff report tank was removed in July 1993.		LC		Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 386A	386A	4A	386	1984	1,000 Fiberglass	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB		Waste oil				A,B			NT	7
UST 386C	386C	4A	386	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 113-comb w/SWMU 112-NFA; receives waste oil from OWS 386B.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 388A	388A	4A	388	1955	500 Steel	Diesel	Removed	AP removed a 500 gal steel tank in 1993.		LC	1973	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 388B	388B	4A	388	1955	2,000 Steel	Diesel	Active	From RFA: SWMU 117 - not sampled. Tank has a liquid probe according to El Toro staff. According to El Toro staff, a liquid probe is in place at this tank.		S		Unknown				A,B,G,H			NT	7
UST 390A	390A	3A	390	1955	550 Steel	Diesel	Removed	AP removed a 550+ gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 390B	390B	3A	390	1955	2,000 Steel	Diesel	Removed	AP removed a 2,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 392A	392A	2A	392	1955	550 Steel	Diesel	Inactive and Replaced	From RFA: SWMU 298-FA; darkly stained soil noted. AP removed 550 gal steel tank in 1993. According to El Toro staff, a 2,000 gal double-walled fiberglass fuel oil tank with a liquid probe was installed after tank was pulled in 1993.	Further investigation of the tank's current condition by leak testing and inspection is recommended.	LC	1993	Waste oil	X		Awaiting soil sample results.	A,B,C,E,H			NT	7
UST 392B	392B	2A	392	1955	2,000 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 392C	392C	2A	392	Unknown	Unknown Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 398	398	5A	397	1956	108,000 Steel	JP-5	Removed	UST 398 replaced by USTs 902A, B, & C which were installed in 1993 according to El Toro staff.	Pump and treat along with soil venting have been identified as a clean-up option in the 1993 Station UST Inventory.	LC		JP-5		9/2/88		A,B,H				6
UST 399	399	5A	399	1955	500 Steel	Diesel	Inactive	From RFA: SWMU 285-not sampled; currently filled with sand.	Tank slated for removal according to El Toro staff.	S		Sand				A,B,C			NT	7
UST 404	404	5A	414	1957	500 Steel	Diesel	Active	Located in a restricted area.	An automatic tank monitoring level system and spill containment were installed.	S		Unknown				A,B,I			NT	7
UST 405	405	3A	405	1956	1,200 Steel	Diesel	Removed	AP removed a 1,200 gal steel tank in 1993.		LC	1993		X		Awaiting soil sample results.	A,B,E			NT	7
UST 406	406	3A	406	1956	1,200 Steel	Diesel	Removed	AP removed a 1,200 gal steel tank in 1993.		LC	1993	Sand	X		Awaiting soil sample results.	A,B,E			NT	7
UST 414A	414A	5A	414	1990	30,000 FCS	JP-5	Active	UST 414A monitored by a system similar to "Tank Watch" monitoring system used at USTs 902A,B,&C UST T-A is a duplicate of UST 414A.		SB		JP-5				A,B,G	1993		Passed	7
UST 414B	414B	5A	414	1990	30,000 FCS	JP-5	Active	UST 414B monitored by a system similar to "Tank Watch" monitoring system used at USTs 902A,B,&C UST T-B is a duplicate of UST 414B.		SB		JP-5				A,B,G	1993		Passed	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.) Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 414C	414C	5A	414	1990	2,500 FCS	JP-5	Active	According to El Toro staff, UST is a fuel separator used to remove sediment and water from fuel prior to distribution; monitored by a system similar to the "Tank Watch" monitoring system at USTs 902A,B.&C. UST T-C (SWMU 20) is a duplicate of UST 414C.		SB		JP-5				G,H	1993		Passed	7
UST 435	435	5A	435	1959	1,000 Steel	Diesel	Removed	From JEG report: UST removed 10/11/91; residual product removed from tank and tank cleaned; excavation backfilled and seeded with grass.	Soil results indicate no soil contamination according to the JEG tank closure report. JEG report recommends closure to be considered final.	LC	1991	Unknown	X	10/11/91	Sample concentrations: Under tank TPH=320 ppm, BTXE=ND. Spoil pile TPH=1,300 ppm, BTXE=ND.	A,B			NT	3'
UST 439A	439A	1G	439	1959	5,000 Steel	Fuel oil	Removed	AP removed a 5,000 gal steel fuel oil tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E	2/26/90		Passed	7
UST 439B	439B	1G	439	1959	5,000 Steel	Fuel oil	Removed	AP removed a 5,000 gal steel fuel oil tank.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 442	442	3A	442	1959	110 Steel	Fuel oil	Removed	AP removed a 110 gal steel fuel oil tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 443	443	1G	443	1959	1,000 Steel	Diesel	Removed	AP removed a 1,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 445A	445A	4A	445	1959	10,000 Steel	Unknown	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1990	Unknown				A,B,C	4/10/90		Passed	7
UST 445B	445B	4A	445	1959	10,000 Steel	JP-5	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S	1990	Unknown				A,B	4/10/90		Passed	7
UST 445C	445C	4A	445	1959	100 Steel	Waste oil	Inactive	From RFA: SWMU 129-NFA; stain on unpaved soil near pump units.	Tank scheduled for removal per 1993 Station UST Inventory. No further action recommended in the RFA based on soil sample results.	LC	1990	Unknown	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 446	446	4A	446	1959	3,000 Steel	Diesel	Inactive	Listed as a water tank in the El Toro Building directory.		S	Unknown	Unknown				B				7
UST 447A	447A	3A	447	1959	10,000 Steel	JP-5	Active	Tank contained JP-5 according to El Toro personnel.	An automatic tank monitoring level system and spill containment were installed in 1993.	S		JP-5				A,B,G,I	4/10/90	Yearly	Passed	7
UST 447B	447B	3A	447	1959	10,000 Steel	JP-5	Active	Tank contained JP-5 according to El Toro personnel.	An automatic tank monitoring level system and spill containment were installed in 1993.	S		JP-5				A,B,G,I	4/10/90	Yearly	Passed	7
UST 448	448	3A	448	1959	3,000 Steel	Unknown	Inactive	Listed as a water tank in the El Toro Building directory.		S	Unknown	JP-5				B				7
UST 449	449	1G	449	1959	3,000 Steel	Fuel oil	Removed	AP removed a 3,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 450	450	1G	450	1959	3,000 Steel	Diesel	Removed	AP removed a 3,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 451	451	1G	451	1959	3,000 Steel	Diesel	Removed	AP removed a 3,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 452	452	1G	452	1959	3,000 Steel	Diesel	Removed	AP removed a 3,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	B,E			NT	7
UST 453	453	3A	453	1960	1,500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: Supply and return lines have been disconnected outside the building.	Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 454	454	3A	454	1960	1,500 Steel	Diesel	Inactive	From 1993 Station UST Inventory. Supply and return lines have been disconnected outside the building.	Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 455	455	3A	455	1960	1,500 Steel	Diesel	Closed (1)	From JEG report: UST removed 10/17/91; found UST filled with sand; excavation was backfilled and seeded with grass.	JEG report recommends closure to be considered final.	LC	1991	Sand	X		TPH and BTXE not detected in samples	A,B			NT	2*
UST 457	457	3A	457	1960	2,000 Steel	Diesel	Removed	AP removed a 2,000 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 461	461	5A	461	1960	550 Fiberglass	Diesel	Removed	From RFA: SWMU 137-NFA. AP removed a 550 gal fiberglass tank in 1993.	No further action recommended in the RFA based on soil sample results.	LC	1993	Unknown	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 462	462	5A	462	1960	550 Fiberglass	Diesel	Removed	From RFA: SWMU 139-NFA. AP removed a 550 gal fiberglass tank in 1993.	No further action recommended in the RFA based on soil sample results.	LC	1993	Unknown	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 463	463	3A	463	1960	1,500 Steel	Diesel	Removed	From RFA: SWMU 249-NFA. received waste oil from OWS 845 (SWMU 248). AP removed a 1,500 gal steel tank in 1993.	No further action recommended in the RFA based on soil sample results.	LC	1993	Sand	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 473A	473A	NL	473	1943	1,500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	NL	1971	Unknown				A,B			NT	7
UST 473B	473B	NL	473	1943	1,500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	NL	1971	Unknown				A,B			NT	7
UST 493	493	NL	493	1944	1,500 Concrete	Diesel	Inactive	From RFA: SWMU 143-not sampled; unable to locate tank; building no longer exists.	Tank scheduled for removal per 1993 Station UST Inventory.	NL	1987	Unknown				A,B,C			NT	7
UST 529	529	4A	529	1944	25,000 Concrete	Waste Oil	Inactive	From RFA: SWMU 145 - FA.	Tank scheduled for removal per 1993 Station UST Inventory. Additional bonngs recommended in the RFA.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 547	547	2D	TF 555 (547)	1953	567,000 CC	JP-5	Active	Vadose zone monitoring had readings of 440 ppm.	Continuous vadose monitoring equipment for leaks along with catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G,I		Yearly	NT	7
UST 548	548	2D	TF 555 (547)	1953	567,000 CC	JP-5	Active		Continuous vadose monitoring equipment for leaks along with catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G,I		Yearly	NT	7
UST 549	549	2D	TF 555 (547)	1953	567,000 CC	JP-5	Active	Vadose zone monitoring had readings of 200 ppm.	Continuous vadose monitoring equipment for leaks along with catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G,I		Yearly	NT	7
UST 550	550	2D	TF 555 (547)	1953	567,000 CC	JP-5	Active	Vadose zone monitoring had readings of greater than 3,500 ppm.	Continuous vadose monitoring equipment for leaks along with catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5				A,B,G,I		Yearly	NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 551	551	2D	TF 555 (547)	1953	567,000 Steel	JP-5	Active		Continuous vadose monitoring equipment for leaks along with catch basin are scheduled to be installed at this site per 1993 Station UST Inventory.	LC		JP-5			A,B,G,I		Yearly	NT	7	
UST 553	553	2D	553	1956	10,000 Steel	Kerosene	Removed	From 1993 Station UST Inventory. Contents of tank listed as diesel. AP removed a 10,000 gal steel gasoline tank in 1993.		LC	1993	Kerosene	X		Awaiting soil sample results.	A,B,E,G			NT	7
UST 554	554	2D	554	1956	10,000 Steel	Gasoline	Removed	From 1993 Station UST Inventory. Contents of tank listed as diesel. AP removed a 10,000 gal steel kerosene tank in 1993.		LC	1993	Gasoline	X		Awaiting soil sample results.	A,B,E,G			NT	7
UST 568	568	5C	568	1956	500 Steel	Diesel	Active		An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	SB		Unknown			B,I				7	
UST 574	574	5A	574	1955	25,000 CC	JP-5	Removed	From 1993 Station UST Inventory. Removed and replaced with another UST. According to El Toro staff, USTs 398, 574, 575, 576, & 577 were replaced by USTs 902A, B, & C.		LC	1993	JP-5	Unknown		A,B,H			NT	7	
UST 575	575	5A	575	1955	25,000 CC	JP-5	Removed	From 1993 Station UST Inventory. Removed and replaced with another UST on 2/93. According to El Toro staff, USTs 398, and 574 - 577 were replaced by USTs 902A, B, & C.		LC	1993	JP-5	Unknown		A,B,H			NT	7	
UST 576	576	5A	576	1955	25,000 CC	JP-5	Removed	From 1993 Station UST Inventory. Removed and replaced with another UST on 2/93. According to El Toro staff, USTs 398, and 574-577 were replaced by USTs 902A, B, & C.		LC	1993	JP-5	Unknown		A,B,H			NT	7	
UST 577	577	5A	577	1955	25,000 CC	JP-5	Removed	From 1993 Station UST Inventory. Removed and replaced with another UST on 2/93. According to El Toro staff, USTs 398, and 574-577 were replaced by USTs 902A, B, & C.		LC	1993	JP-5	Unknown		A,B			NT	7	
UST 579	579	3F	579	1957	320 Steel	Unknown	Removed	AP removed a 320 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 581	581	2B	581	1945	550 Steel	Diesel	Removed	AP removed a 550 gal steel tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 605A	605A	5A	605	1965	1,700 Steel	Diesel	Removed	From JEG report: UST removed 10/8/91; excavation backfilled and resurfaced with asphalt.	Soil results indicate no soil contamination according to the JEG tank closure report. JEG report recommends closure to be considered final.	LC	1991	Unknown	X		TPH and BTXE not detected in samples taken from the excavation. Spoil sample had a TPH=14 ppm. BTXE=ND.	A,B			NT	7
UST 605B	605B	5A	605	1965	500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1987	Unknown			A,B			NT	7	

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 606A	606A	5A	606	1965	1,700 Steel	Diesel	Removed	From 1993 Station UST Inventory. UST removed 10/8/91. Excavation backfilled and resurfaced with asphalt.	Soil results indicate no soil contamination according to the JEG tank closure report. JEG report recommends closure to be considered final.	LC	1991	Unknown	X		TPH and BTXE not detected in samples taken from the excavation. Spoil sample had a TPH=42 ppm, BTXE=ND	A,B			NT	3'
UST 606B	606B	5A	606	1965	500 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB	1987	Unknown				A,B			NT	7
UST 610	610	2A	610	1966	300 Steel	Gasoline	Removed	AP removed a 300 gal steel gasoline tank in 1993.		LC	1993	Sand	X	Awaiting soil sample results.	A,B,E			NT	7	
UST 619	619	3F	619	1966	Unknown Steel	Diesel	Active			S		Diesel				B				7
UST 625	625	1B	625	1967	500 CPS	Waste Oil	Inactive	From RFA: SWMU 156-not sampled, located within RI/FS Site 20 boundaries. From 1993 Station UST Inventory: Visually stained soil observed around fill pipe during a field inspection conducted on 7/21/93.	Stained soil observed around the fill pipe per 1993 Station UST Inventory. Further investigation may be required at this site.	LC		Waste oil				A,B,C			NT	7
UST 627	627	3F	627	Unknown	Unknown Fiberglass	Diesel	Active	FAA Tank				Unknown				A,B			NT	7
UST 634	634	2A	634	1969	10,000 Steel	Fuel oil	Removed	From 1993 Station UST Inventory. UST 634 contents listed as Unleaded gasoline. AP removed a 10,000 gal steel tank in 1993.		LC	1993	Unknown	X	Awaiting soil sample results.	A,B,E			NT	7	
UST 636	636	3A	636	1969	500 Steel	Diesel	Inactive	From 1993 Station UST Inventory: Supply and return lines have been disconnected in the boiler room.	Tank scheduled for removal per 1993 Station UST Inventory.	S	1987	Unknown				A,B			NT	7
UST 637-1	637-1	2A	637	1969	12,000 Steel	Leaded	Active		A leak detection monitoring system was installed per El Toro staff comments.	LC		Unleaded				A,B,I	2/18/90	Yearly	Passed	7
UST 637-2	637-2	2A	637	1969	12,000 Steel	Premium	Active		A leak detection monitoring system was installed per El Toro staff comments.	LC		Unleaded				A,B,I	2/18/90	Yearly	Passed	7
UST 637-3	637-3	2A	637	1969	12,000 Steel	Unleaded	Active		A leak detection monitoring system was installed per El Toro staff comments.	LC		Unleaded				A,B,I	2/18/90	Yearly	Passed	7
UST 643A	643A	5A	643	1982	185 CPS	Waste oil	Active	From RFA: SWMU 162-NFA - might be same as tank 696.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X	Refer to the RFA, Appendix A.	A,B,C			NT	7	
UST 651-1	651-1	1G	651	1971	12,000 Steel	Unleaded	Active		An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Unleaded				A,B,I	2/25/90	Yearly	Passed	7
UST 651-2	651-2	1G	651	1971	12,000 Steel	Unleaded	Active		An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Unleaded				A,B,I	2/25/90	Yearly	Passed	7
UST 651-3	651-3	1G	651	1971	12,000 Steel	Unleaded	Active		An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Gasoline				A,B,I		Yearly	NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 651-4	651-4	1G	651	1971	12,000 Steel	Unleaded	Active		An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Gasoline				A,B,I		Yearly	NT	7
UST 651-5	651-5	1G	651	1971	500 Steel	Waste oil	Active	From RFA: SWMU 166-not sampled; a dark circular stain extends -6 in. around metal cover.	An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Motor oil				A,B,C,I	2/16/90	Yearly	Passed	7
UST 651-6	651-6	1G	651	1971	500 Steel	Waste oil	Active	From RFA: SWMU 167-not sampled; stained asphalt around fill box noted.	An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Motor oil				A,B,C,I	2/16/90	Yearly	Passed	7
UST 651-7	651-7	1G	651	1971	500 Steel	Waste oil	Active	From RFA: SWMU 168-not sampled; stains on pavement around fill box noted; extends to asphalt pavement bordering the fill box concrete pad.	An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Waste oil				A,B,C,I	2/16/90	Yearly	Passed	7
UST 655	655	4A	655	1984	2,000 Fiberglass	Diesel	Removed	From RFA: SWMU 250-NFA; darkly stained pavement around fill box; contents identified as waste oil. AP removed a 2,000 gal fiberglass tank in 1993.	No further action recommended in the RFA based on soil sample results.	LC	1993	Sand	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 658A	658A	2A	658	1972	10,000 Steel	JP-5	Active		An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		JP-5				A,B,I	2/27/90		Passed	7
UST 658B	658B	2A	658	1972	10,000 Steel	JP-5	Active		An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		JP-5				A,B,I	2/27/90		Passed	7
UST 662	662	1G	662	1973	10,000 Steel	Fuel oil	Removed	AP removed a 10,000 gal fiberglass tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	B,E,G				7
UST 672	672	4A	672	1972	500 Steel	Waste JP-5	Active	From RFA: SWMU 174-not sampled; not found during VSI.	An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	SB		Waste JP-5				A,B,C			NT	7
UST 672B	672B	4A	672	1972	1,000 Steel	Waste Oil	Active	From RFA: SWMU 176-FA; asphalt eroded and stained around tank cover. From 1993 station UST Inventory: Release due to improper filling procedure. Area has been cleaned up.	RFA recommended additional borings.	LC		Waste oil	X	1/1/92	Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 673B	673B	3A	673	1982	300 Steel	Waste oil	Active	From RFA: SWMU 180-comb w/SWMU 179-NFA; stains on asphalt near tank.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 674A	674A	4B	674	1982	500 Steel	Waste oil	Active	From RFA: SWMU 187-NFA; tank material listed as concrete. From 1993 Station UST Inventory: Tank material listed as steel; Receives waste oil from SWMU 187, the Bee Canyon OWS.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 675A	675A	4B	675	1982	500 Concrete	Waste oil	Active	From RFA: SWMU 188-NFA; receives waste oil from SWMU 292, the Agua Chino Wash OWS.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 693A	693A	1G	693	1975	500 Steel	Diesel	Removed	From JTL report: Tank removed 12/23/91 and was found empty. Excavation backfilled with washed concrete sand and original soil.	Soil results indicate no soil contamination according to the JTL tank closure report. JTL report recommends closure to be considered final.	LC	1991	Unknown	X		TPH not detected in all samples. Highest BTXE level detected in sample taken from under tank: X=7 ppb	A,B,D			NT	3*
UST 693B	693B	1G	693	1975	500 Steel	Diesel	Closed (1)	From JTL report: Tank removed 12/23/91 and was found empty. Excavation backfilled with washed concrete sand and original soil.	JTL report recommends closure to be considered final.	LC	1991	Unknown	X		TPH and BTXE not detected in all samples.	A,B,D			NT	2*
UST 706	706	NL	706	1984	100 Steel	Diesel	Inactive	From RFA: SWMU 191-not sampled; tank not found during VSI; RFA recommends no further action.	Tank scheduled for removal per 1993 Station UST inventory.	NL	1987	Unknown				A,B,C			NT	7
UST 716A	716A	5A	716	1976	3,000 Steel	Waste oil	Active	From RFA: SWMU 192-not sampled; tank material listed as fiberglass, used to store waste oil from OWS 716B. Tank material listed as steel in 1993 Station UST Inventory.	An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Wastewater				A,B,C,I	3/6/90		Passed	7
UST 718	718	1B	718	1978	4,000 Fiberglass	Fuel oil	Removed	AP removed a 4,000 gal fiberglass tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 724A	724A	NL	724	Unknown	1,000 Steel	Diesel	Active			NL		Diesel				B				7
UST 730	730	1A	730	1978	1,000 Fiberglass	Diesel	Active	Field inspection conducted on 7/22/93.	An automatic tank monitoring level system and spill containment were installed per information provided by IT Corp in January 1994.	LC		Diesel				A,B,I			NT	7
UST 733A	733 A	1G	733	1980	10,000 Fiberglass	Diesel	Removed	AP removed a 10,000 gal fiberglass tank in 1993.		LC	1993	Unknown	X		Awaiting soil sample results.	A,B,E			NT	7
UST 733B	733 B	1G	733	1980	10,000 Fiberglass	Diesel	Removed	From RFA: SWMU 286-NFA. AP removed a 10,000 gal fiberglass tank in 1993.	No further action recommended in the RFA based on soil sample results.	LC	1993	Unknown	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 733C	733 C	1G	733	1980	10,000 Fiberglass	Diesel	Removed	From RFA: SWMU 287-NFA. AP removed a 10,000 gal fiberglass tank in 1993.	No further action recommended in the RFA based on soil sample results.	LC	1993	Unknown	X		Awaiting soil sample results.	A,B,C,E			NT	7
UST 758B	758B	4A	758	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 197-comb w/SWMU 196-NFA; stores waste oil from OWS 758A.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 759B	759B	4A	759	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 200-comb w/SWMU 199-FA; receives waste oil from OWS 759A.	Further investigation of the oil/water separator's current condition by leak testing and inspection is recommended in the RFA. No recommendations were available for the tank.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 760A	760A	4A	760	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 202-NFA; receives waste oil from OWS 760B.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 761B	761B	5A	761	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 206-comb w/SWMU 205-NFA; receives waste oil from OWS 761A.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 762B	762B	3A	390	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 209-comb w/SWMU 208-NFA; receives waste oil from 762A.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 763B	763B	5A	763	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 212-comb w/SWMU 211-NFA; receives waste oil from 763A.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 764A	764A	2A	764	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 214-NFA; receives waste oil from 764B.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C			NT	7
UST 765A	765A	1A	765	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 217; receives waste oil from 765B. A field inspection conducted on 7/22/93 found no visible evidence of a UST in the area.		LC		Waste oil				A,B,C			NT	7
UST 766B	766B	1A	766	1982	185 Steel	Waste Oil	Active	From RFA: SWMU 221-comb w/SWMU 220-NFA; receives waste oil from 766A. A field inspection conducted on 7/22/93 found no visible evidence of a UST in the area. Tank under repair/construction as of 2/94 according to El Toro staff.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C,H			NT	7
UST 782	782	3F	782	Unknown	Unknown Unknown	Unknown	Active	UST found by a County Inspector; limited info available on tank. Per El Toro staff comments, UST 782 is active and has no monitoring system in place.		SB		Unknown				A,B,H			NT	7
UST 797	797	1A	797	1985	10,000 Fiberglass	Aviation Gas	Active	This UST is a double-walled tank with a liquid probe in place according to El Toro staff.		LC		Aviation Gas				A,B,H			NT	7
UST 800A	800A	4B	800	1984	10,000 Fiberglass	Diesel Fuel	Active			S		Diesel				A,B	2/20/90	Yearly	Passed	7
UST 800B	800B	4B	800	1984	10,000 Fiberglass	Kerosene	Active			S		Kerosene				A,B	2/20/90	Yearly	Passed	7
UST 800C	800C	4B	800	1984	10,000 Fiberglass	Diesel Fuel	Active			S		Diesel				A,B	2/23/90	Yearly	Passed	7
UST 800D	800D	4B	800	1984	1,000 Fiberglass	Waste Oil	Active	From RFA: SWMU 230-not sampled; concrete area around fill boxes stained due to filling and emptying of tank but does not appear soil has been impacted; recommended no further action.		S		Waste oil				A,B,C	2/20/90	Yearly	Passed	7
UST 800E	800E	4B	800	1984	1,000 Fiberglass	Waste Oil	Active	From RFA: SWMU 231-NFA; tank failed tank test in 1990; concrete around fill box stained but soil does not appear impacted. EG&G report reports tank passed leak test on 2/23/90.	No further action recommended in the RFA based on soil sample results.	LC		Waste oil	X		Refer to the RFA, Appendix A.	A,B,C,I	2/23/90	Yearly	Passed	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 850A	850 A	5A	850	1988	5,000 Fiberglass	JP-5	Active	From RFA: SWMU 288-not sampled; within RI/FS Site 16 boundaries. Temporarily closed for repairs in 1990. El Toro staff did not know if a tank level monitor was in place at this UST.		LC		Unknown				A,B,C			NT	7
UST 850B	850 B	5A	850	1988	5,000 Fiberglass	JP-5	Active	From RFA: SWMU 289-not sampled; within RI/FS Site 16 boundaries. Temporarily closed for repairs in 1990. El Toro staff did not know if a tank level monitor was in place at this site.		LC		Unknown				A,B,C			NT	7
UST 850C	850 C	5A	850	1988	500 Fiberglass	JP-5	Active	From RFA: SWMU 290-not sampled; within RI/FS Site 16 boundaries. Temporarily closed for repairs in 1990.		LC		Unknown				A,B,C			NT	7
UST 902A	902A	5A	902	1993	50,000 FCS	JP-5	Active	Located in a restricted area. Has a "Tank Watch" monitoring system. USTs 902A-C replaced UST 398.		SB		JP-5				A,B,G	1993		Passed	7
UST 902B	902B	5A	902	1993	50,000 FCS	JP-5	Active	Located in a restricted area. Has "Tank Watch" monitoring system. USTs 902 A-C replaced UST 398.		SB		JP-5				A,B,G	1993		Passed	7
UST 902C	902C	5A	902	1993	2,500 FCS	JP-5	Active	Used fuel separator. Has "Tank Watch" monitoring system. USTs 902 A-C replaced UST 398.		SB		JP-5				A,B,G	1993		Passed	7
UST 5101	5101	1D	5101	1943	500 Steel	Diesel	Inactive	Supplied fuel to boilers in Bldg 5101 & 5102.	Tank scheduled for removal per 1993 Station UST Inventory.	SB		Unknown				A,B			NT	7
UST 5102	5102	1D	5102	1943	500 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	SB		Unknown				B				7
UST 5201	5201	2B	5201	1943	300 Steel	Fuel oil	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Sand				A,B			NT	7
UST 5202	5202	2B	5202	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5203	5203	2B	5203	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5204	5204	2B	5204	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5205	5205	2B	5205	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5206	5206	2B	5206	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5207	5207	2B	5207	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5208	5208	2B	5208	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5209	5209	2B	5209	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5210	5210	2B	5210	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown		Soil sample results not available.	A,B			NT	7	

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.) Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 5211	5211	2B	5211	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown			Soil sample results not available.	A,B			NT	7
UST 5212	5212	2C	5212	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown			Soil sample results not available.	A,B			NT	7
UST 5213	5213	2C	5213	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5214	5214	2C	5214	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5215	5215	2C	5215	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5216	5216	2C	5216	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5217	5217	2C	5217	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5218	5218	2C	5218	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5219	5219	2C	5219	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5220	5220	2C	5220	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5221	5221	2C	5221	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown			Soil sample results not available.	A,B			NT	7
UST 5222	5222	2B	5222	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown			Soil sample results not available.	A,B			NT	7
UST 5223	5223	2B	5223	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5224	5224	2B	5224	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5225	5225	2B	5225	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5226	5226	2B	5226	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5227	5227	2B	5227	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5228	5228	2B	5228	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5229	5229	2B	5229	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5230	5230	2B	5230	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5231	5231	2B	5231	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5232	5232	2B	5232	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5233	5233	2B	5233	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST 5234	5234	2B	5234	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5235	5235	2B	5235	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5236	5236	2B	5236	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5237	5237	2B	5237	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown			Soil sample results not available.	A,B			NT	7
UST 5238	5238	2C	5238	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown			Soil sample results not available.	A,B			NT	7
UST 5239	5239	2C	5239	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5240	5240	2C	5240	1943	300 Steel	Diesel	Removed	Tank removed and closed during the Irvine Relocation project in 1990 according to MCAS El Toro records.		S	1990	Unknown			Soil sample results not available.	A,B			NT	7
UST 5241	5241	2B	5241	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5242	5242	2B	5242	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	S		Unknown				A,B			NT	7
UST 5243	5243	NL	5243	1943	300 Steel	Diesel	Inactive		Tank scheduled for removal per 1993 Station UST Inventory.	NL		Unknown				A,B			NT	7
UST T-1	T-1	2D	TF 555	1988	2,000 FCS	Waste JP-5	Active	From RFA: SWMU 23-not sampled; NFA recommended since tank normally is empty since its used for spill containment and there is no evidence of a release. In situ leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from TF-555.		LC		Waste JP-5				A,B,C			NT	7
UST T-2	T-2	5A	TF 4	1988	2,000 FCS	Waste JP-5	Active	From RFA: SWMU 18-not sampled; tank normally empty since its used for spill containment; no evidence of release; NFA recommended. In situ leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from TF-4.		LC		Waste JP-5				A,B,C			NT	7
UST T-3	T-3	2A	TF 4 (1538)	1988	2,000 FCS	Waste JP-5	Active	From RFA: SWMU 19-not sampled; tank normally empty because its used for spill containment; no evidence of release; NFA recommended. In situ leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from TF-4.		LC		Waste JP-5				A,B,C			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS EI Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST T-4	T-4	1A	272	1988	2,000 FCS	Waste Oil	Active	From RFA: SWMU 58-not sampled; tank normally empty because its used for spill containment; no evidence of release; NFA recommended. Insttu leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from Tanks 189 & 191.		LC		Waste Oil				A,B,C			NT	7
UST T-5	T-5	1A	TF 4 (242)	1988	2,000 FCS	Waste JP-5	Active	From RFA: SWMU 17-not sampled; tank normally empty because its used for spill containment; no evidence of release; NFA recommended. Insttu leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from TF-2.		LC		Waste JP-5				A,B,C			NT	7
UST T-6	T-6	2A	TF 5	1988	2,000 FCS	Aviation Gas	Active	From RFA: SWMU 21-not sampled; tank normally empty because its used for spill containment; no evidence of a release; NFA recommended. Insttu leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from TF-5.		LC		Waste JP-5				A,B,C			NT	7
UST T-7	T-7	5A	TF 6 (396)	1988	2,000 FCS	Waste JP-5	Active	From RFA: SWMU 24-not sampled; tank normally empty because its used for spill containment; no evidence of release; NFA recommended. Insttu leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from TF-6.		LC		Waste JP-5				A,B,C			NT	7
UST T-8	T-8	2A	TF 5,6 (779)	1988	2,000 FCS	Waste JP-5	Active	From RFA: SWMU 22-not sampled; tank is a spill containment tank and is normally empty; no evidence of a release; NFA recommended. Insttu leak detection monitoring in-place. From EG&G report: Tank stores spilled fuel from TF-5 & 6.		LC		Waste JP-5				A,B,C			NT	7
UST T-9	T-9	5A	779	1988	2,000 FCS	JP-5	Active	From RFA: SWMU 228-not sampled; NFA recommended because the tank has been installed recently and there is no evidence of a release. Insttu leak detection monitoring in-place. From EG&G report: Tank is fuel stop tank near Bldg 779		LC		Waste Fuel				A,B,C			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS EI Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal.) Tank Material	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	
UST T-10	T-10	5A	TF 4	1988	1,000 FCS	JP-5	Active	From RFA: SWMU 108-not sampled; NFA recommended based on recent installation date. In situ leak detection monitoring in-place. From EG&G report: Tank is fuel slop tank near Bldg 374.		LC		Waste Fuel				A,B,C			NT	7
UST T-11	T-11	5A	297	1988	1,000 FCS	JP-5	Active	From RFA: SWMU 75-not sampled; NFA recommended based on recent installation date. In situ leak detection monitoring in-place. From EG&G report: Tank is slop fuel tank between Bldg 297 & 388.		LC		Waste Fuel				A,B,C			NT	7

**Table 3-7
Underground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Tank No.	Parcel	Nearest Building No.	Year Installed	Capacity (Gal./ Tank Material)	Substance Stored	Status (2)	Comments	Further Action	Location Status	Closure/ Removal/ Abandon. Date	Latest Contents	RFA/ Other Sampling (X)	Confirmed Releases	Soil Sample Results	Document Source	Integrity Testing			BCP Area Type
																	Date	Frequency	Result	

Document Source:

- A - MCAS El Toro Environmental Office. Management Overview of Storage Tanks. December 1993.
- B - EG&G Idaho, Inc. Draft USMC MCAS El Toro Underground Storage Tank Survey Report. Four Volumes. November 1990.
- C - JEG. MCAS El Toro RCRA Facility Assessment. Preliminary Review/Visual Site Inspection. July 16, 1993.
- D - Various JTL Underground Storage Tank Closure Reports
- E - American Processing Underground Storage Tank Closure Reports
- F - JEG. Preliminary Site Assessment/Underground Storage Tanks (UST) Removal Tank Closure Report. December 18, 1991.
- G - Personnel Interview conducted on February 7, 1993 with El Toro Tank Farm staff (Phil Bohn & Vern Zepp), Richard Duffin, and Chrisa Mitchell.
- H = Personal communications with El Toro staff in February 1994.
- I = JEG. MCAS El Toro Underground Storage Tanks Draft Monitoring Plan. February 12, 1993.

Location Status:

- LC = Location confirmed.
- NL = Not located. Unable to find a plan with either building or UST location.
- S = UST location identified on historical as-built plan. Location to be confirmed by field survey.
- SB = Location of building confirmed. UST location to be determine by field survey.

AP = American Processing (UST removal contractor)

BTXE = Benzene, Toluene, Xylene, Ethylbenzene

CC = Cylindrical concrete

CE = Device under Conditional Exemption for Specified Wastestreams per letter from DTSC dated 1/10/94.

CVZME = Continuous vapor zone monitoring equipment

FA = Further action

FCS = Fiberglass-coated steel

FG = Fiberglass

JEG = Jacobs Engineering Group

JTL = JTL Environmental Remediation Group

LCR = Law/Crandall Report

NA = Not applicable

NFA = No further action

NT = Not tested

OWS = Oil/Water Separator

R JP-5 = Recycled JP-5

TF = Tank Farm

TPH = Modified EPA Method 8015 used.

(1) - Pending Agency Approval

(2) - Status is based on MCAS El Toro's UST Inventory List.

* - Pending Agency Approval

**Table 3-8
Aboveground Storage Tank Inventory
MCAS El Toro BCP**

Database Tracking	Location	Size/Contents	Status	AST No.	Source	Parcel	BCP Area Type
AST 126	Bldg. 126	300 gal./10:10 Oil	Active	126	A	2A	7
AST 155	Bldg. 155	200 gal./Lube Oil	Active	155	A	5A	7
AST 245	Bldg. 245	1,000 gal./LPG	Active	245	B	1A	7
AST 317	Bldg. 317 C1	5,000 gal./Diesel	Active	317 C1 (1)	A	4B	7
AST 390A	Bldg. 390	500 gal./Unleaded	Active	390A	A	3A	7
AST 390B	Bldg. 390	500 gal./Diesel	Active	390B	A	3A	7
AST 626	Bldg. 626	1,000 gal./Waste Oil	Inactive	626	A	1B	7
AST 637	Bldg. 637	500 gal./Propane	Active	637	B	2A	7
AST 651	Bldg. 651	1,000 gal./Propane	Active	651	B	1G	7
AST 670	Bldg. 670	Unknown/LPG	Active	670	C	1G	7
AST 717	Bldg. 717	500 gal./Diesel	Active	717	A	5A	7
AST 753	Bldg. 753	200 gal./Pesticides	Active	753	A	4A	7
AST 797	Bldg. 797	1,000 gal./Waste Oil	Active	797	A	5A	7
AST 862	Bldg. 862	30,000 gal./JP-5	Active	862	A	4B	7

Notes:

LPG = liquid propane gas

(1) AST 317 C1 is owned and operated by the Station's municipal waste management contractor.

Sources:

A = Personal communications, R. Duffin/MCAS El Toro EO, February/March 1993.

B = SAIC, Draft Oil and Hazardous Substances Spill Prevention and Countermeasure Plan and Contingency Plan, January 1994.

C = MCAS El Toro Building Guide, 1993.

Table 3-9
Satellite Accumulation Area Inventory
MCAS EI Toro BCP

Database Tracking	Building Number	Parcel	SWMU/AOC	Satellite Accumulation Area Type	RFA Sampling	Comments	BCP AREA TYPE
SAA 2	2	1A		Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 5A	5	5A	25	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 5B	5	1A	26	Hazardous Waste Storage Area	X	RFA recommended excavation of shallow stained soil.	6
SAA 7	7	5A		Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 10	10	1A	27	Hazardous Waste Storage Area	X	RFA recommended NFA	2*
SAA 22	22	1A		Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 29A	29	1D	30	Drum Storage Area	X	RFA recommended NFA	3*
SAA 29B	29	1D	31	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	7
SAA 31A	31	1D	272	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 31B	31	1D		Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 51	51	1D	33	Hazardous Waste Storage Area	X	Excavate Shallow Stained Soil	6
SAA 114	114	5A	38	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 115	115	5A	39	Hazardous Waste Storage Area	X	Shallow Soil Borings	7
SAA 130A	130	2A	294	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 130B	130	2A	295	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 130C	130	2A	42	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 155A	155	5A	240	Drum Storage Area		No evidence of release	2
SAA 155B	155	5A	241	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 155C	155	5A	45	Hazardous Waste Storage Area	X	RFA recommended NFA	3

Table 3-9
Satellite Accumulation Area Inventory
MCAS EI Toro BCP

Database Tracking	Building Number	Parcel	SWMU/ AOC	Satellite Accumulation Area Type	RFA Sampling	Comments	BCP AREA TYPE
SAA 240	240	1A	64	Hazardous Waste Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 242	242	1A	67	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 289	289	5A	70	Drum Storage Area	X	RFA recommended NFA	3
IRP 7	295	5A	71	Hazardous Waste Storage Area		RI/FS Site 7 (1)	7
IRP 7	296	5A	72	Hazardous Waste Storage Area		RI/FS Site 7 (1)	7
SAA 297	297	5A	73	Drum Storage Area	X	RFA recommended NFA	3
SAA 298	298	4A	83	Drum Storage Area	X	RFA recommended NFA	2
SAA 306	306	4A	88	Hazardous Waste Storage Area	X	Shallow Soil Borings	7
SAA 314	314	4A	269	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 317	317	4B	93	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
IRP 21	320	4B	94	Drum Storage Area		RI/FS Site 21 (1)	7
SAA 357	357	4A	97	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	7
SAA 359A	359	4B	254	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 359B	359	4B	99	Hazardous Waste Storage Area	X	RFA recommended NFA	3
IRP 8	360	4B	104	Drum Storage Area		RI/FS Site 8 (1)	7
IRP 8	360	4B	105	Drum Storage Area		RI/FS Site 8 (1)	7
IRP 8	360	4B	106	Drum Storage Area		RI/FS Site 8 (1)	7
SAA 370	370	4A		Hazardous Material Storage/ Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 371A	371	5A	107	Hazardous Waste Storage Area	X	RFA recommended NFA	2

Table 3-9
Satellite Accumulation Area Inventory
MCAS EI Toro BCP

Database Tracking	Building Number	Parcel	SWMU/AOC	Satellite Accumulation Area Type	RFA Sampling	Comments	BCP AREA TYPE
SAA 371B	371	5A	242	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 386	386	4A	114	Drum Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 388A	388	4A	116	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 388B	388	4A	251	Drum Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 389A	389	3A	119	Drum Storage Area		Sampling Visit Not Recommended During PR/VS	7
SAA 389B	389	3A	259	Drum Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 390A	390	3A	122	Drum Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 390B	390	3A	261	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 392A	392	2A	124	Drum Storage Area	X	RFA recommended NFA	3
SAA 392B	392	2A	271	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 398	398	5A	252	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 441	441	3A	256	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 442	442	3A	126	Hazardous Waste Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 445	445	4A	127	Drum Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 447	447	3A	130	Drum Storage Area	X	RFA recommended NFA	3
SAA 456	456	3A	135	Drum Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 461	461	5A	138	Hazardous Waste Storage Area	X	RFA recommended NFA (1)	2
SAA 462	462	5A	140	Hazardous Waste Storage Area		Sampling Visit Not Recommended During PR/VS	2
SAA 529	529	4A	144	Hazardous Waste Storage Area	X	RFA recommended NFA	2

Table 3-9
Satellite Accumulation Area Inventory
MCAS EI Toro BCP

Database Tracking	Building Number	Parcel	SWMU/AOC	Satellite Accumulation Area Type	RFA Sampling	Comments	BCP AREA TYPE
SAA 534	534	4B	146	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 602	602	2A	147	Drum Storage Area	X	RFA recommended NFA	3
SAA 605	605	5A	149	Drum Storage Area	X	RFA recommended NFA	3
SAA 606	606	5A	255	Hazardous Waste Storage Area	X	RFA recommended NFA	2
SAA 626	626	1B	158	Drum Storage Area		RI/FS Site 20 (1)	7
SAA 634	634	2A		Hazardous Material Storage/ Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 636	636	3A	160	Hazardous Waste Storage Area	X	RFA recommended NFA	3
SAA 651	651	1G	165	Drum Storage Area	X	Located within SWMU/AOC 164	3
SAA 658	658	2A	171	Hazardous Waste Storage Area	X	Shallow Soil Borings	7
SAA 671	671	4A	172	Hazardous Waste Storage Area	X	RFA recommended NFA	2
SAA 672	672	4A	177	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 673	673	3A	186	Hazardous Waste Storage Area	X	RFA recommended NFA	2
SAA 698	698	5A		Hazardous Material Storage/ Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 744	744	1G		Hazardous Material Storage/ Hazardous Waste Storage Area		Identified in 1994 SPCC Plan	7
SAA 765	765	3F	266	Drum Storage Area		Sampling Visit Not Recommended During PR/VSI	2
SAA 769	769	4A	222	Hazardous Waste Storage Area	X	RFA recommended NFA	2
SAA 770	770	4A	223	Drum Storage Area	X	RFA recommended NFA	3
SAA 771	771	1D	224	Drum Storage Area	X	RFA recommended NFA	2

**Table 3-9
Satellite Accumulation Area Inventory
MCAS El Toro BCP**

Database Tracking	Building Number	Parcel	SWMU/AOC	Satellite Accumulation Area Type	RFA Sampling	Comments	BCP AREA TYPE
SAA 772	772	3F	225	Drum Storage Area	X	RFA recommended NFA	3
SAA 778	778	5A	226	Drum Storage Area	X	RFA recommended NFA	3
SAA 779	779	5A	227	Drum Storage Area	X	RFA recommended NFA	3
SAA 800	800	4B	229	Hazardous Waste Storage Area	X	RFA recommended NFA	2
SAA 856	856	3A	234	Hazardous Waste Storage Area	X	RFA recommended NFA	3

NOTES:

(1) - SWMUs/AOCs which were determined to be located within RI/FS site boundaries, were eliminated from RFA sampling visits. These SWMUs/AOCs will be investigated in the IRP.
 These SWMUs/AOCs will be investigated in the IRP.

* - Indicates RFA recommendation of "no further action" is pending U.S. EPA approval.

PR/VS - Preliminary Review/Visual Site Inspection performed as part of the RFA.

IRP - Installation Restoration Program

RFA - RCRA Facility Assessment

NFA - No Further Action

Sources:

JEG, 1993. MCAS El Toro Final RCRA Facility Assessment Report.

SAIC, 1994. Draft Oil and Hazardous Substances Spill Prevention and Countermeasure Plan and Contingency Plan (SPCC).

Table 3-10 Hazardous Materials Storage at RCRA-Permitted Building 673-T3 MCAS El Toro BCP		
Bay Number	Hazardous Material	Maximum Permitted Volume
1	Ignitable Waste, Non-Halogenated Solvent Waste, Waste Oil	4,510 gallons
2	Ignitable Waste and Non-Halogenated Solvent Waste	7,920 gallons
3	Acidic Corrosive Waste	6,600 gallons or 960 lead-acid batteries
4	Reactive Waste	324 spent lithium batteries
5	Cadmium, Chromium, Lead, or Mercury Waste; Halogenated or Non-Halogenated Solvent Waste; Basic Corrosive Waste	660 gallons
	PCBs or Oil Containing PCBs	660 gallons
Source: CAL-EPA, DTSC, Hazardous Waste Facility Permit, EPA ID No. CA6170023208.		

Table 3-11
PCB Transformer Inventory
MCAS El Toro BCP

Database Tracking	Building Number	Transformer Identification Number	Location	Pole or Pad Number	Gallons	Concentration of PCBs (1) (ppm)	Comments	Source	Parcel	BCP Area Type
PCB T1	6	F503496-65P	W, PD	Pad 1311	NA	150	May have been removed (4)	A	5A	2
PCB T2	12	5KL505	CS	NA	NA	500	In Service	A,B,C	1A	2
PCB T3	19	1350660	S, PL	Pole 507B	NA	33	May have been removed (4)	A	1A	2
PCB T4	35	NA	NW, PL	Pole 599	NA	11	May have been removed (4)	A	1D	2
PCB T5	58	23971	S, PL	Pole 157	NA	7	May have been removed (4)	A	1C	2
PCB T6	59	6954405	S, PD	Pad 142	10	400	May have been removed (5)	A,B	1C	2
PCB T7	59	6954539	S, PD	Pad 142	10	380	May have been removed (5)	A,B	1C	2
PCB T8	59	6956179	S, PD	Pad 142	10	430	May have been removed (5)	A,B	1C	2
PCB T9	60	7092522	S, PL	Pole 80	NA	617	May have been removed (4)	A	1C	2
PCB T10	65	645B17826	N, PL	Pole 654	NA	15	May have been removed (4)	A	1C	2
PCB T11	65	645B17827	N, PL	Pole 654	NA	21	May have been removed (4)	A	1C	2
PCB T12	65	645B17855	N, PL	Pole 654	NA	22	May have been removed (4)	A	1C	2
PCB T13	105	7093890	PL	Pole 904	NA	350	May have been removed (4)	A	2A	2
PCB T14	114	177072	C, RI	Pad 412	75	500	Removed 2/15/92	A,B	5A	2
PCB T15	115	177071	C, RI	Pad 4112	75	500	Removed 3/14/92	A,B	5A	2
PCB T16	118	681549	N, PL	Pole 812	NA	360	In Service	A,B,C	2A	2
PCB T17	120	7093966	W, PL	Pole 823A	10	80	May have been removed (5)	A,C	2A	2
PCB T18	120	7092506P	W, PL	Pole 823A	10	68	May have been removed (5)	A,B	2A	2
PCB T19	120	7093966P	W, PL	Pole 823A	10	80	In Service	A,B,C	2A	2
PCB T20	125	53233	N, PD	Pad 4111	NA	7	May have been removed (4)	A	2A	2
PCB T21	125	6160963	N, PD	Pad 4111	36	500	May have been removed (5)	A,B	2A	2
PCB T22	129	7092697	NW corner, PL	Pole 871	NA	27	May have been removed (4)	A	2A	2
PCB T23	129	7092974	NW, PL	Pole 871	NA	32	May have been removed (4)	A	2A	2
PCB T24	129	7093975	NW, PL	Pole 871	NA	22	May have been removed (4)	A	2A	2
PCB T25	165	14346-1	N	NA	84	500	Hauled 12/1/91	B	3A	2
PCB T26	203	5638241	SE, PL	Pole 802	NA	14	May have been removed (4)	A	2A	2
PCB T27	203	6455115	SE, PL	Pole 802	NA	29	May have been removed (4)	A	2A	2
PCB T28	248	6887930	NA	NA	NA	>= 500	Removed 9/1/89	B	1D	2

Table 3-11
PCB Transformer Inventory
MCAS El Toro BCP

Database Tracking	Building Number	Transformer Identification Number	Location	Pole or Pad Number	Gallons	Concentration of PCBs (1) (ppm)	Comments	Source	Parcel	BCP Area Type
PCB T29	248	66F2983	NA	NA	NA	>= 500	Removed 9/1/89	B	1D	2
PCB T30	248	66F3028	NA	NA	NA	>= 500	Removed 9/1/89	B	1D	2
PCB T31	248	66K117	NA	NA	NA	>= 500	Removed 9/1/89	B	1D	2
PCB T32	248	66K154	NA	NA	NA	>= 500	Removed 9/1/89	B	1D	2
PCB T33	248	NA	NA	NA	NA	NA	Removed 9/1/89	B	1F	2
PCB T34	264	9750379	N, PD	Pad 143	NA	11	May have been removed (4)	A	1B	2
PCB T35	264	9750997	N, PD	Pad 143	NA	31	May have been removed (4)	A	1B	2
PCB T36	272	3700258	S, PD	Pad 138	NA	490	May have been removed (4)	A	1B	2
PCB T37	272	6962781	S, PD	Pad 138	NA	510	May have been removed (4)	A	1B	2
PCB T38	272	7093990	S, PD	Pad 138	NA	400	May have been removed (4)	A	1B	2
PCB T39	281	7093256	N, PD	Pad 128	NA	230	May have been removed (4)	A	1B	2
PCB T40	281	7093261	N, PD	Pad 128	NA	89	May have been removed (4)	A	1B	2
PCB T41	281	7220136	N, PD	Pad 128	NA	1850	May have been removed (4)	A	1B	2
PCB T42	285	6224013	S, PD	Pad 141	10	130	In Service	A,B,C	1B	2
PCB T43	285	7093682	S, PD	Pad 141	10	180	In Service	A,B,C	1B	2
PCB T44	285	7220241	S, PD	Pad 141	10	130	In Service	A,B,C	1B	2
PCB T45	311	B58240	E, PD	Pad 263	NA	15	May have been removed (4)	A	4A	2
PCB T46	327	72535	E, PL	Pole 73	NA	11	May have been removed (4)	A	1C	2
PCB T47	327	6587555	E, PL	Pole 74	NA	11	May have been removed (4)	A	1C	2
PCB T48	327	65875666	E, PL	Pole 74	NA	23	May have been removed (4)	A	1C	2
PCB T49	335	1888163	S, RI	Pad 254	NA	CHLOREXT	May have been removed (4)	A	4A	2
PCB T50	359	B335346	W, PD	Pad 264	10	76	In Service	A,B,C	4B	2
PCB T51	360	B335627	S, RI	Pad 269	96	500	Removed 2/9/92	A,B	4B	2
PCB T52	365	62194	B	Pad 162	NA	ASKAREL	May have been removed (4)	A	1G	2
PCB T53	368	62220	C, RX	Pad 259	64	500	Removed 2/9/92	A,B	4A	2
PCB T54	369	62221	N, RI	Pad 2510	54	500	Removed 2/9/92	A,B	4A	2
PCB T55	370	62222	E, RX	Pad 2511	136	500	Removed 2/9/92	A,B	4A	2
PCB T56	371	10097-1	S, M	Pad 335	NA	ASKAREL	May have been removed (4)	A	5A	2

**Table 3-11
PCB Transformer Inventory
MCAS El Toro BCP**

Database Tracking	Building Number	Transformer Identification Number	Location	Pole or Pad Number	Gallons	Concentration of PCBs (1) (ppm)	Comments	Source	Parcel	BCP Area Type
PCB T57	371	10098-1	S, M	Pad 335	NA	ASKAREL	May have been removed (4)	A	5A	2
PCB T58	372	14538	W, RI	Pad 425	96	500	Removed 4/5/92	A,B	5A	2
PCB T59	374	14440	S, RI	Pad 321	85	500	Removed 2/9/92	A,B	3A	2
PCB T60	378	06577-1	MH	NA	NA	11	May have been removed (4)	A	5A	2
PCB T61	383	B684198	N, PD	Pad SS-2	840	350	In Service	A,B,C	4A	2
PCB T62	386	4418	E, PD	Pad 257	10	320	In Service	A,B	4A	2
PCB T63	406	9908129	N, PD	Pad 316	NA	14	May have been removed (4)	A	3A	2
PCB T64	410	NA	N, PL	Pole 248	NA	1800	May have been removed (4)	A	1F	2
PCB T65	410	NA	N, PL	Pole 248	NA	2100	May have been removed (4)	A	1F	2
PCB T66	415	C379541	S, M	Pad 404	196	500	Removed 2/9/92	A,B	2B	2
PCB T67	439	C-861785	NC, B	Pad 111	140	500	May have been removed (4)	A,B	1G	2
PCB T68	445	C861997A	NW, PD	Pad 256	104	810	In Service	A,B	4A	2
PCB T69	447	C861997B	E, PD	Pad 331	360	500	In Service	A,B	3A	2
PCB T70	449	7371282	B	Pad 165	60	500	Removed 3/12/92	A,B	1G	2
PCB T71	450	7371279	C, B	Pad 166	40	500	Removed 3/12/92	A,B	1G	2
PCB T72	451	7371281	E, B	Pad 167	60	500	Removed 3/12/92	A,B	1G	2
PCB T73	452	7371280	E, B	Pad 168	60	500	Removed 3/12/92	A,B	1G	2
PCB T74	457	C-862139	S, PD	Pad 327	NA	PYRANOL	May have been removed (4) RFA SWMU/AOC 244	A	3A	7
PCB T75	458	Missing	SE, PD	Pad 318	NA	970	May have been removed (4)	A	3F	2
PCB T76	460	9845884	E, PD	Pad 311	NA	17	May have been removed (4)	A	3F	2
PCB T77	460	D317654	E, PD	Pad 311	NA	14	May have been removed (4)	A	3F	2
PCB T78	464	J929874T71AA	E, PD	Pad 319	NA	14	May have been removed (4)	A	3F	2
PCB T79	482	151103	S, PD	Pad 251	NA	ASKAREL	May have been removed (4)	A	5A	2
PCB T80	582	B336887	S, PD	Pad 401	288	500	May have been removed (5)	A,B	2C	2
PCB T81	605	F-694715B	C, RI	Pad 4114	126	500	Removed 2/15/92	A,B	5A	2
PCB T82	606	E-694715A	C, RI	Pad 4113	126	500	May have been removed (5)	A,B	5A	2
PCB T83	630	NA	NE, PL	Pole 166A	NA	15	May have been removed (4)	A	1C	2

Table 3-11
PCB Transformer Inventory
MCAS EI Toro BCP

Database Tracking	Building Number	Transformer Identification Number	Location	Pole or Pad Number	Gallons	Concentration of PCBs (1) (ppm)	Comments	Source	Parcel	BCP Area Type
PCB T84	631	10096-1	E, RI	Pad 215	65	500	Removed 2/9/1992	A,B	4A	2
PCB T85	634	PAV 1646-01	EC, RI	Pad 431	60	500	In Service	A,B,C	2A	2
PCB T86	634	YAP-70141	EC, RI	Pad 431	NA	INERTEEN	May have been removed (4)	A	2A	2
PCB T87	636	10832-1	RI	Pad 323	28	500	Removed 1/22/92	A,B	3A	2
PCB T88	655	12945-1	S, PD	Pad 2513	200	500	May have been removed (5)	A,B	4A	2
PCB T89	658	C173562	E, PD	Pad 414	70	500	May have been removed (5)	A,B	2A	2
PCB T90	671	11344577P73AA	E, PD	Pad 216	NA	PYRANOL	May have been removed (4)	A	4A	2
PCB T91	692	786787895	N, PL	Pole 648	NA	37	May have been removed (4)	A	1D	2
PCB T92	692	786787910	N, PL	Pole 648	10	120	In Service	A,B,C	1D	2
PCB T93	692	786787919	N, PL	Pole 648	10	120	In Service	A,B,C	1D	2
PCB T94	716	Westinghouse	NA	NA	NA	500	In Service	A,B,C	5A	2
	1765	959077	S	NA	150	500	Hauled 1/26/92	B	NA	2
PCB T96	5014	5635257	PL	Pole 917	NA	33	May have been removed (4)	A	2A	2
PCB T97	5201	6963930P	PL	Pole 942	10	500	In Service	A,B,C	2B	2
PCB T98	5240	6969510	E, PL	Pole 946	NA	410	Removed 8/15/91	A	2C	2
PCB T99	5417	7794141	Backyard, PL	Pole 666	NA	13	May have been removed (4)	A	1D	2
PCB T100	5417	7794142	Backyard, PL	Pole 666	NA	26	May have been removed (4)	A	1D	2
PCB T101	5417	7794143	Backyard, PL	Pole 666	NA	17	May have been removed (4)	A	1D	2
PCB T102	5215/5216	69680882	PL	Pole 952A	NA	17	May have been removed (4)	A	2C	2
PCB T103	687 (3)	793397	C, PL	Pole 687	10	110	In Service	A,B,C	1D	2
PCB T104	687 (3)	794144	C, PL	Pole 687	10	190	May have been removed (5)	A,B	1D	2
PCB T105	687 (3)	6900519	C, PL	Pole 687	10	120	In Service	A,B,C	1D	2
PCB T106	Gate 9	6833177	E, PL	Pad 215	NA	ASKAREL	May have been removed (4)	A	5A	2
	NA	66F2984	NA	NA	NA	>= 500	Removed 9/1/84	B	NA	2
PCB T108	NA	NA	NE, PL	Pole 251	NA	11	May have been removed (4)	A	1F	2
PCB T109	Tank Farm #6	NA	W, PL	Pole 852	NA	26	May have been removed (4)	A	2A	2

<p align="center">Table 3-11 PCB Transformer Inventory MCAS EI Toro BCP</p>										
Database Tracking	Building Number	Transformer Identification Number	Location	Pole or Pad Number	Gallons	Concentration of PCBs (1) (ppm)	Comments	Source	Parcel	BCP Area Type

Notes:

NA = not available

Location abbreviations:

N = north side of building	C = center of building	M = interior mezzanine
S = south side of building	PD = outside pad	B = basement
E = east side of building	PL = outside pole-mounted	
W = west side of building	RI = inside room	
NW = northwest side of building	RX = exterior room	

(1) PCB concentrations based on sampling results. Dielectric fluid brand names are listed if fluid was not tested, but known to contain PCBs.
 (2) Building 90 has been demolished.
 (3) SWDIV report indicates that transformer was located at Buildings 5103-5112 (housing).
 (4) Transformer does not appear on inventory for 1991 and, therefore, may have been removed.
 (5) Transformer does not appear on inventory for 1993 and, therefore, may have been removed.

Sources:

(A) Southwest Division NAVFACENGCOCOM, 1984. Polychlorinated Biphenyl Survey and Transformer Assessment. Marine Corps Air Stations, EI Toro and Tustin.
 (B) MCAS EI Toro Environmental Office, 1992. Polychlorinated Biphenyls (PCB) Inventory Update for Calendar Year 1991. MCAS EI Toro.
 (C) Naval Facilities Engineering Service Center (NFESC), 1993. Calendar Year 1993 PCB Inventory.

Table 3-12 Non-Transformer PCB Equipment MCAS EI Toro BCP				
Building Number	Description	Concentration of PCBs (mg/l)	Comments	Parcel
56	3 oil-filled cutouts	1.4	Not on List	1C
138	3 oil-filled cutouts	1.0		2A
176	Explosion-proof switch box	<1.0	Exterior	1A
178	Universal rectifier	3.8		1A
208	Universal rectifier	9.4	Contains 2 types of PCBs	2A
302	3 oil-filled cutouts	<0.1	Out-of-Service AC Motor	4A
311	3 oil-filled cutouts	<0.005	West set of 3	4A
311	3 oil-filled cutouts	<0.005	East set of 3	4A
360	3 oil-filled cutouts	<1.0	Area 1 (west)	4B
360	3 oil-filled cutouts	<0.005	Area 1 (east)	4B
360	3 oil-filled cutouts	2.8	Area 2	4B
360	3 oil-filled cutouts	1.0	Area 1 (middle)	4B
372	3 oil-filled cutouts	1.6	Transformer Room	5A
382	Oil-filled switch	<1.0	Not on List	1C
384	3 oil-filled cutouts	8.2	On Transformer	3A
414	3 oil-filled cutouts	<1.0		5A
435	3 oil-filled cutouts	<1.0		5A
435	3 oil-filled cutouts	15.0		5A
439	3 oil-filled cutouts	4.2	In Basement	1G
439	3 oil-filled cutouts	<1.0	In Basement	1G
547	Motor control center	6.9		2D
599	3 oil-filled cutouts	<0.005	From Drippings	4A
619	3 oil-filled cutouts	<1.0	Transformer Room	3F
643	3 oil-filled cutouts	<1.0	North set of 3	5A
643	3 oil-filled cutouts	5.0	South set of 3	5A
651	3 oil-filled cutouts	<1.0	On Transformer	1G
664	3 oil-filled cutouts	<1.0	Exterior	3A
733	3 oil-filled cutouts	<1.0		1G
892	3 oil-filled cutouts	<0.005	Leaking	3A

Source: Kennedy/Jenks, 1991.

Table 3-13
Condition of Buildings
MCAS EI Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 1	1	Telephone Exchange/Admin./Sq. Headquarters	1943	1C	X				X
BLD 2	2	Hangar Bay/ Crew/Equip	1943	5A	X	X	X		
BLD 3	3	Material/IMRL	1943	5A	X	X	X		
BLD 4	4	Search & Rescue	1943	5A	X	X	X		
BLD 5	5	Auto Organizational Shop	1943	5A	X				X
BLD 6	6	Security Hdqtrs.	1943	5A	X	X		X/NF	
BLD 7	7	Storage Out of Stores	1943	5A	X	X	X		
BLD 8	8	Storage Out of Stores	1943	5A	X	X	X		
BLD 9	9	Storage Out of Stores	1943	5A	X	X	X		
BLD 10	10	Aero Club Hangars	1943	5A	X				X
BLD 11	11	Squadron Headquarters	1943	1A	X	X		X/NF	
BLD 12	12	Group Headquarters	1943	1A	X	X		X/NF	
BLD 13	13	Group Headquarters	1943	1A	X				X
BLD 14	14	Squadron Headquarters	1943	1A	X				X
BLD 15	15	Elec./Comm Maint Shop	1943	1A	X	X		X/NF	
BLD 16	16	Storage Out of Stores	1943	1A	X	X	X		
BLD 17	17	Elec./Comm Maint Shop	1943	1A	X				X
BLD 19	19	Squadron Headquarters	1943	1A	X	X		X/NF	
BLD 20	20	Maintenance/Storage	1943	1A	X	X	X		
BLD 21	21	General Storage Shed	1943	1A	X	X	X		
BLD 22	22	Elec./Comm Maint Shop	1943	1A	X	X	X		
BLD 23	23	Storage Out of Stores	1943	1A	X	X		X/NF	
BLD 25	25	Construction Shop	1943	1D	X	X	X		
BLD 26	26	Communication Shop	1943	1A	X	X	X		
BLD 27	27	Provost Marshall Office Storage	1943	1D	X	X	X		
BLD 28	28	Food Services	1943	1A	X				X
BLD 29	29	Navy Investigative Service Field Office	1943	1D	X	X		X/NF	
BLD 31	31	Utilities Shop/TAADS	1943	1D	X	X	X		
BLD 32	32	Bachelor Officers Quarters	1943	1D	X	X		X/NF	
BLD 33	33	Bachelor Officers Quarters	1943	1D	X	X		X/NF	
BLD 34	34	Bachelor Officers Quarters	1943	1D	X	X		X/NF	
BLD 35	35	Bachelor Officers Quarters	1943	1D	X	X		X/NF	
BLD 38	38	Young Marines/Boy Scouts	1943	1D	X				X
BLD 46	46	Reproduction	1943	1D	X	X	X		
BLD 47	47	Constr./Wt Handling Enlisted Quarters Shop	1943	1D	X				X
BLD 48	48	FIU Headquarters	1943	1D	X	X	X		

Table 3-13
Condition of Buildings
MCAS EI Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/Type (1)	Suspected (2)
BLD 49	49	Academic Instruction/Squadron Hdqtrs	1943	1D	X				X
BLD 50	50	Academic Instruction/Squadron Hdqtrs	1943	1D	X				X
BLD 51	51	Auto Organizational Shop	1943	1D	X	X		X/NF	
BLD 52	52	Storage Out of Stores	1943	1D	X	X	X		
BLD 53	53	RASC/IRC Classroom	1943	1D	X	X	X		
BLD 54	54	Law Center	1943	1C	X				X
BLD 56	56	Squadron Headquarters	1943	1C	X	X		X/NF	
BLD 57	57	Bathhouse	1943	1C	X	X		X/F	
BLD 58	58	Family Housing Services Office	1943	1C	X	X		X/F	
BLD 59	59	Administration Office	1943	1C	X	X	X		
BLD 60	60	Reserve Support Unit	1943	1C	X	X		X/NF	
BLD 65	65	Station Headquarters	1943	1C	X				X
BLD 66	66	Disbursing Office	1943	1B	X	X		X/F	
BLD 75	75	Admin. Office/Fire Hdqtrs/Phone Ctr	1943	1B	X	X		X/NF	
BLD 77	77	Exchange Warehouse/Maint Shop	1943	1B	X	X		X/F	
BLD 83	83	Chapel Admin. Office	1943	1B	X	X		X/F	
BLD 94	94	Gymnasium	1943	1B	X	X		X/F	
BLD 96	96	Transportation Office	1943	4A	X	X	X		
BLD 98	98	Fire Station #1	1943	1B	X				X
BLD 99	99	Flight Line Storage	1943	1A	X				X
BLD 105	105	Group Headquarters	1943	2A	X	X	X		
BLD 114	114	Maint Hangar Space	1966	5A	X	X		X/NF	
BLD 115	115	Maint Hangar Space	1966	5A	X	X		X/NF	
BLD 118	118	Maint Hangar Space	1943	2A	X	X	X		
BLD 119	119	Maint Hangar Space	1943	2A	X	X	X		
BLD 120	120	Maint Hangar Space	1943	2A	X	X	X		
BLD 121	121	Fire Station #3/Maint Hangar Space	1943	2A	X				X
BLD 122	122	Maint Hangar Space	1943	2A	X	X	X		
BLD 123	123	Maint Hangar Space	1943	2A	X	X	X		
BLD 124	124	Maint Hangar Space	1943	2A	X				X
BLD 125	125	Maint Hangar Space	1943	2A	X	X		X/NF	
BLD 126	126	Maint Hangar Space	1943	2A	X	X	X		
BLD 127	127	Tire Storage	1943	2A	X	X	X		
BLD 129	129	Aviation Armament	1943	2A	X				X
BLD 130	130	Aviation Paint Area	1943	2A	X				X
BLD 131	131	Storage	1943	2A	X				X

Table 3-13
Condition of Buildings
MCAS EI Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 132	132	Aviation Armament Shop	1943	2A	X	X	X		
BLD 133	133	Storage	1943	2A	X	X		X/NF	
BLD 134	134	MCP Storage/Hangar Maint Admin.	1943	2A	X	X		X/NF	
BLD 135	135	Warehouse 222nd CCSQ.	1943	2A	X	X	X		
BLD 136	136	Nuclear/Biological/Chemical Storage	1943	2A	X	X	X		
BLD 137	137	Storage	1943	2A	X				X
BLD 138	138	Electronics Maint Division	1943	2A	X	X		X/F	
BLD 139	139	3rd Marine Air Wing Embark	1943	2A	X	X	X		
BLD 142	142	Hazardous/Flammable Storage	1943	2A	X	X	X		
BLD 146	146	Standby Generator Building	1943	1C	X	X	X		
BLD 147	147	Post Office Boxes Building	1943	5A	X				X
BLD 152	152	Grnds Equipment Shed	1943	1D	X				X
BLD 155	155	Grnds Equipment Shed	1943	5A	X				X
BLD 156	156	Storage Tank/Potable Water	1943	4A	X				X
BLD 163	163	Magazine Ready Service(3)	1943	3A	X	X	X		
BLD 164	164	Small Arms Storage (3)	1943	3A	X	X	X		
BLD 165	165	Hazardous/Flammable Storage	1943	3A	X	X	X		
BLD 166	166	Small Arms Storage(3)	1943	3F	X	X	X		
BLD 167	167	Small Arms Storage(3)	1943	3F	X	X	X		
BLD 169	169	NBC Storage	1943	3F	X	X	X		
BLD 170	170	Ready Service Storage Magazine (3)	1943	3F	X	X	X		
BLD 171	171	Ready Service Storage Magazine (3)	1943	3F	X	X	X		
BLD 172	172	Ready Service Storage Magazine (3)	1943	3F	X	X	X		
BLD 174	174	Storage Tank/Potable Water	1943	4A	X				X
BLD 175	175	Storage Tank/Potable Water	1943	5A	X				X
BLD 222	222	Elevated Water Tank (3)	1943	1B	X				X
BLD 240	240	Aero Club (3)	1944	1A	X	X	X		
BLD 241	241	Laundry Pick-up Point	1945	1A	X	X	X		
BLD 242	242	Museum	1944	1A	X	X	X		
BLD 243	243	Historical Center	1944	1A	X	X	X		
BLD 244	244	Historical Collection	1944	5A	X	X		X/NF	
BLD 245	245	Storage Air/Ground	1944	1A	X				X
BLD 248	248	BOQ Admin. Office	1945	1D	X				X
BLD 249	249	VIP Quarters	1945	1D	X	X		X/NF	
BLD 250	250	VIP Quarters	1945	1D	X	X		X/NF	
BLD 251	251	Conference Center/Recreation Pav.	1944	1D	X	X	X		

**Table 3-13
Condition of Buildings
MCAS EI Toro BCP**

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/Type (1)	Suspected (2)
BLD 256	256	Aviation Phy Training/Medical Clinic	1945	1C	X	X	X		
BLD 257	257	Admin. Office	1944	1C	X	X	X		
BLD 263	263	Education Service Office	1945	1B	X	X		X/NF	
BLD 264	264	MWR Rental Off./Arts & Crafts Shop	1945	1B	X				X
BLD 271	271	Auditorium	1944	1B	X	X	X		
BLD 272	272	Bowling Center	1944	1B	X				X
BLD 273	273	Post Office	1944	1C	X	X	X		
BLD 275	275	Training/Storage WG Band (3)	1944	1B	X	X		X/F	
BLD 276	276	Bachelors Enlisted Quarters (3)	1945	1B	X	X		X/F	
BLD 277	277	Bachelors Enlisted Quarters (3)	1945	1B	X	X		X/NF	
BLD 279	279	Rehab Center	1945	1B	X	X	X		
BLD 280	280	Library	1945	1B	X				X
BLD 285	285	Club System Warehouse	1944	1B	X	X		X/F	
BLD 288	288	Maint Hangar Space	1944	5A	X	X		X/F	
BLD 289	289	Maint Hangar Space	1944	5A	X	X		X/NF	
BLD 290	290	General Storage	1944	2A	X	X	X		
BLD 291	291	Nuclear/Biological/Chemical	1944	2A	X	X		X/NF	
BLD 292	292	TACTS/DDS/Applied Instruction	1944	2A	X				X
BLD 293	293	Storage Tank/Potable Water	1945	2A	X				
BLD 295	295	Maint Hangar Space	1944	5A	X	X		X/F	
BLD 296	296	Maint Hangar Space	1944	5A	X	X		X/F	
BLD 297	297	Maint Hangar Space	1944	5A	X	X		X/F	
BLD 298	298	Auto Vehicle Maint Shop	1944	4A	X				X
BLD 299	299	Auto Vehicle Maint Shop	1944	4A	X	X		X/NF	
BLD 300	300	Env Office/Public Works Storage	1945	4A	X				X
BLD 301	301	Public Works Admin./Labor Shop	1945	4A	X				X
BLD 302	302	Public Works Elec. Shop	1945	4A	X	X		X/NF	
BLD 304	304	Academic Instruction/Credit Union	1945	4A	X	X		X/NF	
BLD 305	305	Group Headquarters	1944	4B	X	X	X		
BLD 306	306	Public Works Pipe/Heat/Refrig Shop	1944	4A	X	X		X/NF	
BLD 307	307	EAF Storage/Station Operations Maint. Squadron Recovery	1944	4A	X	X		X/NF	
BLD 308	308	Ground Support Equipment Storage	1944	2A	X	X		X/NF	
BLD 309	309	Group Headquarters	1944	4A	X	X		X/NF	
BLD 310	310	Hangar (3)	1944	5A	X	X	X		
BLD 311	311	Fire Station #2	1944	4A	X				X
BLD 312	312	Photo Lab (3)	1944	4A	X	X		X/F	

Table 3-13
Condition of Buildings
MCAS EI Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 313	313	Field Maintenance Shop	1944	4B	X	X		X/NF	
BLD 314	314	Highbay Storage	1945	4A	X				X
BLD 315	315	A/C Ground Support Equipment Shop	1945	5A	X	X		X/NF	
BLD 317	317	Commissary Warehouse	1945	4B	X	X		X/NF	
BLD 318	318	General Warehouse Navy	1945	4B	X	X		X/NF	
BLD 319	319	General Warehouse Navy	1945	4B	X	X	X		
BLD 320	320	Hazardous/Flammable Storehouse	1945	4B	X				X
BLD 321	321	Admin. Office/General Warehouse Navy	1945	4B	X	X		X/F	
BLD 322	322	Mess Halls Enlisted (3)	1945	4B	X	X		X/F	
BLD 324	324	Applied Instruction/Storage/CO2 Storage	1945	4A	X	X		X/F	
BLD 325	325	Hazardous/Flammable Storehouse	1945	4A	X	X		X/NF	
BLD 326	326	Hazardous/Flammable Storehouse	1945	4A	X	X		X/F	
BLD 328	328	Temporary Admin. Spaces	1945	1C	X	X		X/F	
BLD 329	329	Defence Commissary Agency Headquarters	1945	1C	X	X		X/F	
BLD 333	333	Field Maint. Shop	1945	4A	X	X	X		
BLD 335	335	Water Distribution Shop	1945	4A	X				X
BLD 341	341	Ground Support Equipment Shop	1945	2A	X	X	X		
BLD 347	347	Exchange Shop	1948	1B	X				X
BLD 349	349	Aircraft Beacon	1943	2A	X				X
BLD 355	355	Snack Bar #12	1943	4B	X	X	X		
BLD 357	357	Hazardous/Flammable Storehouse	1951	4A	X	X	X		
BLD 358	358	Water Distribution Building	1951	5A	X	X	X		
BLD 359	359	Material Turned Into Storage Building	1952	4B	X				X
BLD 360	360	General Warehouse Navy	1952	4B	X	X		X/F	
BLD 363	363	Miscellaneous POL Pipeline Shelter	1952	2A	X	X	X		
BLD 364	364	Mess Hall #2	1952	1G	X	X		X/NF	
BLD 366	366	Billeting Office	1954	1G	X	X		X/F	
BLD 367	367	Bachelor Enlisted Quarters/Academic Instr.	1954	1G	X	X		X/NF	
BLD 368	368	Admin. Office	1954	4A	X	X		X/NF	
BLD 369	369	Servmart	1954	4A	X	X		X/F	
BLD 370	370	Public Works Paint/Carpentry/Metal Trades	1954	4A	X	X		X/F	
BLD 371	371	Maint Hangar Space	1954	5A	X	X		X/NF	
BLD 372	372	Airfield Operations Bldg.	1954	5A	X	X		X/NF	
BLD 373	373	Elevated Water Tank (3)	1953	1G	X				X
BLD 374	374	Heating Plant Bldg./Conversion Station	1954	3A	X	X		X/NF	
BLD 375	375	Bachelor Officers Quarters	1954	1D	X	X		X/F	

Table 3-13
Condition of Buildings
MCAS EI Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 376	376	Fire Station Dispatch/Ground Safety	1954	1C	X	X		X/NF	
BLD 377	377	Water Storage Tank	1954	3A	X				X
BLD 379	379	Truck Weighing Facility	1953	4A	X				X
BLD 380	380	Standby Generator Bldg.	1954	2A	X				X
BLD 382	382	Electrical Distr. Subs #1	1951	1C	X	X		X/NF	
BLD 383	383	Electrical Distr. Subs #2	1954	4A	X	X		X/NF	
BLD 384	384	Electrical Distr. Subs #3	1954	3A	X	X		X/NF	
BLD 385	385	Electrical Distr. Subs #4	1954	2A	X	X	X		
BLD 386	386	Construction Equipment Shop	1955	4A	X	X	X		
BLD 387	387	Loading/Unloading Ramp	1955	4A	X				X
BLD 388	388	Field Maintenance Shop	1955	4A	X	X		X/NF	
BLD 389	389	Loading/Unloading Ramp	1955	3A	X				X
BLD 390	390	Golf Cart Shop	1955	3A	X				X
BLD 391	391	Loading/Unloading Ramp	1955	2A	X				X
BLD 392	392	Aircraft Ground Support Equip. Shop	1955	2A	X	X		X/F	
BLD 394	394	Transmitter	1956	5C	X	X		X/NF	
BLD 396	396	Aircraft Truck Fueling	1956	5A	X				X
BLD 399	399	Vortac Facility	1956	5A	X				X
BLD 402	402	Stables Toilet	1957	2B	X				X
BLD 404	404	Receiver Building	1957	5A	X	X		X/NF	
BLD 405	405	Applied Instruction Building	1956	3A	X	X		X/F	
BLD 406	406	Applied Instruction Building	1956	3A	X	X		X/F	
BLD 407	407	Squadron Headquarters	1956	3A	X	X		X/NF	
BLD 408	408	Guard Tower	1956	3A	X				X
BLD 409	409	Guard Tower	1956	3A	X				X
BLD 410	410	Playing Fields, Softball	1957	1F	X				X
BLD 414	414	Standby Generator Building	1957	5A	X				X
BLD 415	415	Storage Out of Stores	1957	2B	X	X		X/NF	
BLD 416	416	Storage Building	1957	3F	X	X		X/NF	
BLD 419	419	Saluting Battery	1948	5A	X				X
BLD 420	420	Station Flagpole	1943	1C	X				X
BLD 421	421	Playing Courts, Tennis	1945	1D	X				X
BLD 422	422	Playing Courts, Tennis	1946	1B	X				X
BLD 427	427	Playing Courts, Handball & Basketball	1945	1B	X				X
BLD 430	430	Playing Courts, Tennis	1945	1B	X				X
BLD 432	432	Football/Soccer/Baseball Field	1948	1B	X				X

**Table 3-13
Condition of Buildings
MCAS EI Toro BCP**

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 435	435	Aircraft Fire and Rescue Station	1957	5A	X				X
BLD 439	439	Branch Medical/Dental Clinic	1959	1G	X	X		X/NF	
BLD 440	440	Missile Magazine	1959	3A	X	X	X		
BLD 441	441	Aviation Armament/Station Ordnance	1959	3A	X	X		X/F	
BLD 442	442	Aviation Armament/Station Ordnance	1959	3A	X	X		X/F	
BLD 443	443	Acad. Instr. Bdg./LVT Ctr./Photo Lab	1959	1G	X	X		X/F	
BLD 445	445	Hazardous/Flammable Storehouse	1959	4A	X	X		X/NF	
BLD 446	446	Storage Tank/Nonpotable Water	1959	4A	X				X
BLD 447	447	Engine Test Cell	1959	3A	X				X
BLD 448	448	Storage Tank/Nonpotable Water	1959	3A	X				X
BLD 449	449	Bachelor Enlisted Quarters	1959	1G	X	X		X/F	
BLD 450	450	Bachelor Enlisted Quarters	1959	1G	X	X		X/F	
BLD 451	451	Bachelor Enlisted Quarters	1959	1G	X	X		X/F	
BLD 452	452	Bachelor Enlisted Quarters	1959	1G	X	X		X/F	
BLD 453	453	Maintenance Hangar Space	1960	3A	X	X		X/NF	
BLD 454	454	Maintenance Hangar Space	1960	3A	X	X		X/NF	
BLD 455	455	Operational Trainer Facilities	1960	3A	X				X
BLD 456	456	Gen. Warehouse/Aviation Supply	1960	3A	X	X		X/F	
BLD 457	457	Grp Hdqtrs/Barb Shop/Dental Clinic/Mess Hall	1960	3A	X	X		X/F	
BLD 458	458	Hazardous Flammable Storehouse	1960	5A	X	X	X		
BLD 459	459	Storage Tank/Nonpotable Water	1960	3F	X				X
BLD 460	460	Water Supply Bldg./Nonpotable Water	1959	3F	X				X
BLD 461	461	Maint. Hangar Space	1960	5A	X				X
BLD 462	462	Maint. Hangar Space	1960	5A	X				X
BLD 463	463	Maint. Hangar Space/Engine Maint. Shop	1960	5A	X	X		X/NF	
BLD 464	464	Golf Course Clubhouse	1959	3F	X	X		X/F	
BLD 469	469	Equipment Storage Building	1959	3A	X	X	X		
BLD 471	471	Station Training Pool/Tank	1943	1C	X				X
BLD 472	472	Wading Pool	1956	1C	X				X
BLD 475	475	Storage Building/Disbursing	1946	1B	X	X	X		
BLD 496	496	Shop Storage Building	1948	4B	X				X
BLD 519	519	Station Training Pool/Tank	1957	1D	X				X
BLD 520	520	Wading Pool	1957	1D	X				X
BLD 523	523	Storage	1945	1B	X	X	X		
BLD 529	529	Public Works Expend VIP Storage	1944	4A	X	X		X/NF	
BLD 530	530	Storage Tank/Potable Water	1945	4A	X				X

Table 3-13
Condition of Buildings
MCAS EI Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 534	534	Hazardous/Flammable Storehouse	1946	4B	X				X
BLD 536	536	Small Arms/Pyro Magazine	1952	5C	X				X
BLD 537	537	Small Arms/Pyro Magazine	1952	2F	X				X
BLD 538	538	Small Arms/Pyro Magazine	1952	2F	X				X
BLD 539	539	Small Arms/Pyro Magazine	1952	2F	X				X
BLD 540	540	Fuse and Detonator	1952	2F	X				X
BLD 542	542	High Explosive Magazine	1952	2F	X				X
BLD 543	543	High Explosive Magazine	1952	2F	X	X	X		
BLD 544	544	High Explosive Magazine	1952	2F	X	X	X		
BLD 545	545	High Explosive Magazine	1952	2F	X	X	X		
BLD 546	546	High Explosive Magazine	1952	2F	X	X	X		
BLD 547	547	Aircraft Ready Fuel Storage	1953	2D	X				X
BLD 548	548	Aircraft Ready Fuel Storage	1953	2D	X				X
BLD 549	549	Aircraft Ready Fuel Storage	1953	2D	X				X
BLD 550	550	Aircraft Ready Fuel Storage	1953	2D	X				X
BLD 551	551	Aircraft Ready Fuel Storage	1953	2D	X				X
BLD 552	552	Misc. Petroleum/Oil/Lubricant (POL) Pipeline Facility	1954	2D	X				X
BLD 553	553	Motor Gas Storage	1956	2D	X				X
BLD 555	555	POL Sampling/Test Building	1955	2D	X	X		X/F	
BLD 556	556	Misc. POL Pipeline Facility	1955	2D	X	X		X/NF	
BLD 558	558	Aircraft Truck Fueling Facility	1952	2A	X				X
BLD 559	559	Aircraft Truck Fueling Facility	1952	2A	X				X
BLD 560	560	Aircraft Truck Fueling Facility	1952	2A	X				X
BLD 561	561	Aircraft Truck Fueling Facility	1955	2A	X				X
BLD 566	566	Storage Tank/Potable Water	1954	3A	X				X
BLD 567	567	Sewage Pump Station Shed	1954	1D	X				X
BLD 568	568	Standby Generator Building	1956	5C	X	X	X		
BLD 573	573	Antenna, Communications	1956	5C	X				X
BLD 578	578	Water Distribution Building	1957	1F	X	X		X/NF	
BLD 579	579	Storage	1957	3F	X				X
BLD 581	581	Chaplain Annex/Navy Thrift Shop	1945	2B	X				X
BLD 582	582	Maintenance Building/Housing	1954	2C	X				X
BLD 583	583	Storage Tank/Potable Water	1953	2F	X				X
BLD 584	584	Low Frequency Homer Building	1958	5A	X				X
BLD 586	586	Obstruction Light House (3)	1945	NA	X				X
BLD 587	587	Obstruction Light House (3)	1945	5C	X				X

Table 3-13
Condition of Buildings
MCAS EI Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 588	588	Obstruction Light House	1945	NA	X				X
BLD 594	594	Obstruction Light House	1945	5C	X				X
BLD 595	595	Obstruction Light House (3)	1945	NA	X				X
BLD 596	596	Obstruction Light House	1945	2F	X				X
BLD 597	597	Obstruction Light House	1945	5C	X				X
BLD 598	598	Obstruction Light House	1945	5C	X				X
BLD 599	599	Liquid Oxygen Facility	1960	4A	X				X
BLD 600	600	Storage Out of Stores	1961	1A	X	X		X/NF	
BLD 601	601	Public Toilet/Picnic Area #1	1962	1F	X				X
BLD 602	602	Van Maintenance Shop	1964	2A	X				X
BLD 605	605	Maintenance Hanger Space	1965	5A	X	X		X/F	
BLD 606	606	Maintenance Hanger Space	1965	5A	X	X		X/F	
BLD 607	607	Public Toilet/Golf Course	1965	3F	X				X
BLD 610	610	Water Distribution Building	1966	2A	X				X
BLD 611	611	Missile Magazine	1966	3A	X	X	X		
BLD 614	614	Aqua Chinon Playground	1966	2C	X				X
BLD 615	615	Handball Courts	1966	1F	X	X	X		
BLD 616	616	Admin. Office	1966	4A	X	X		X/NF	
BLD 619	619	Standby Generator Building	1966	3F	X	X		X/F	
BLD 624	624	Air Terminal/SQ Headquarters	1967	5A	X	X		X/NF	
BLD 625	625	Hobby Shop/Automotive	1967	1B	X	X	X		
BLD 626	626	Hobby Shop/Automotive	1967	1B	X	X	X		
BLD 629	629	Academic Instruction Building	1968	1C	X	X		X/NF	
BLD 631	631	Applied Instruction Building	1968	4A	X	X	X		
BLD 633	633	Loading/Unloading Ramp	1967	4B	X				X
BLD 634	634	Hangar/Eng. Maint./Avionics Shop	1969	2A	X	X		X/NF	
BLD 635	635	Weighing Facility	1968	4A	X				X
BLD 636	636	Parach./Surv. Equip./Cryogenics Office	1969	3A	X	X		X/F	
BLD 637	637	Exchange Gas Station	1969	2A	X				X
BLD 638	638	Wind Direction Indicator	1969	5A	X				X
BLD 639	639	Electric Power Plant Building	1969	5A	X	X	X		
BLD 640	640	Electric Power Plant Building	1969	5A	X	X	X		
BLD 641	641	Electric Power Plant Building	1969	5A	X	X	X		
BLD 642	642	Electric Power Plant Building	1969	5A	X	X	X		
BLD 643	643	Fixed Aircraft Start System	1969	5A	X				X
BLD 649	649	Exchange Warehouse/Retail/Cafeteria	1970	1G	X	X		X/F	

**Table 3-13
Condition of Buildings
MCAS EI Toro BCP**

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 650	650	Exchange Retail Shop	1970	1G	X	X		X/NF	
BLD 651	651	Exchange Auto Rep./Supplemental Gas Station	1971	1G	X	X		X/NF	
BLD 655	655	Field Maintenance Shop	1970	4A	X	X		X/NF	
BLD 656	656	Child Care Center	1971	1B	X				X
BLD 657	657	Visitor/Vehicle Registration	1970	1D	X				X
BLD 658	658	Engine Test Cell	1972	2A	X	X		X/NF	
BLD 659	659	Storage Tank/Nonpotable	1972	2A	X				X
BLD 660	660	Bachelor Enlisted Quarters	1973	1G	X	X		X/F	
BLD 661	661	Transient Enlisted Quarters	1973	1G	X	X		X/F	
BLD 662	662	Heating Plant Building	1973	1G	X				X
BLD 664	664	Substation Building	1971	3A	X	X	X		
BLD 665	665	Fire Hose Drying Structure	1972	3A	X				X
BLD 666	666	Bachelor Enlisted Quarters	1973	1G	X	X		X/F	
BLD 667	667	Bachelor Enlisted Quarters	1973	1G	X	X		X/F	
BLD 668	668	Bachelor Enlisted Quarters	1973	1G	X	X		X/F	
BLD 669	669	Bachelor Enlisted Quarters	1973	1G	X	X		X/F	
BLD 670	670	Gas Storage Tanks	1973	1G	X				X
BLD 671	671	Refueler Admin.	1973	4A	X	X		X/NF	
BLD 672	672	Refueling Vehicle Maint. Shop	1973	4A	X	X	X		
BLD 673	673	ACFT/Ground Support Equipment Shed	1974	3A	X	X		X/NF	
BLD 676	676	Community Storage Misc.	1973	2C	X	X	X		
BLD 677	677	Meteorological Building	1958	5A	X	X	X		
BLD 678	678	Housing/Maint. Storage	1973	2C	X	X	X		
BLD 679	679	Stable/Stallion Pen	1973	2B	X				X
BLD 680	680	Stable Feed Room	1973	2B	X				X
BLD 681	681	Rec. Grounds (Area #2)	1957	1F	X				X
BLD 682	682	Gate Sentry House	1973	5C	X				X
BLD 683	683	Cold Storage/General Warehouse	1974	1A	X	X		X/NF	
BLD 684	684	Applied Instruction Building	1974	1C	X	X	X		
BLD 685	685	Elec. Distribution Building	1974	1A	X	X	X		
BLD 686	686	Riding Stable, Tack Locker	1974	2B	X				X
BLD 687	687	Public Toilet/Picnic Area #2	1974	1F	X				X
BLD 688	688	Receiver Building	1973	2F	X	X		X/NF	
BLD 689	689	Receiver/Activity TV Antenna	1973	2F	X				
BLD 692	692	Classified Material Incinerator	1975	1D	X				X
BLD 693	693	Operational Flight Trainer (KC-130)	1975	1G	X	X	X		

Table 3-13
Condition of Buildings
MCAS El Toro BCP

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 694	694	Commissary	1975	1G	X	X		X/NF	
BLD 695	695	Line Maintenance Shelter	1975	5A	X	X		X/NF	
BLD 696	696	Line Maintenance Shelter	1975	5A	X	X		X/NF	
BLD 697	697	Line Maintenance Shelter	1975	5A	X	X		X/NF	
BLD 698	698	Line Maintenance Shelter	1975	5A	X	X		X/NF	
	699	Aircraft Ready Fuel Tank (4)	1972	NL	X				X
BLD 700	700	Filling Station C-Pool	1975	4A	X				X
BLD 701	701	Flagpole	1975	2A	X				
BLD 702	702	Gate Sentry House #20	1976	1G	X				X
BLD 703	703	Playing Courts, Tennis	1976	1F	X				X
BLD 704	704	Basketball/Volleyball Court	1975	1F	X				X
BLD 713	713	Hazardous/Flammable Storehouse	1977	2B	X	X	X		
BLD 714	714	Line Maintenance Shelter	1977	5A	X	X		X/NF	
BLD 715	715	Line Maintenance Shelter	1977	5A	X	X		X/NF	
BLD 716	716	Hush House	1978	5A	X	X		X/NF	
BLD 717	717	Crash, Fire, Rescue Storage	1978	5A	X	X		X/NF	
BLD 718	718	Modular Club/Lampost Pizza	1978	1B	X	X		X/NF	
BLD 721	721	Optical Landing System	1959	5A	X				X
BLD 722	722	Convenience Food Store	1979	2C	X	X		X/NF	
BLD 725	725	Gate Sentry House (Gate #9)	1978	5A	X				X
BLD 726	726	Line Maintenance Shelter	1981	5A		X		X/NF	
BLD 727	727	Line Maintenance Shelter	1981	5A		X		X/NF	
BLD 728	728	Line Maintenance Shelter	1983	5A		X		X/NF	
BLD 729	729	Main Gate Sentry House	1979	1G	X				X
BLD 730	730	Communications Center	1980	1A		X		X/NF	
BLD 731	731	Enlisted Personnel Quarters	1980	1G		X		X/NF	
BLD 732	732	BEQ P-054	1980	1G		X		X/NF	
BLD 733	733	Boiler Room P-054	1980	1G		X		X/NF	
BLD 734	734	Restroom P-313	1980	2A		X		X/NF	
	735	Generator Bldg 9-313 (4)	1980	NL		X		X/NF	
BLD 740	740	BEQ P-326 "B"	1982	1G		X		X/NF	
BLD 741	741	BEQ P-326 "C"	1982	1G		X		X/NF	
BLD 743	743	Financial Building	1971	1G	X	X		X/NF	
BLD 745	745	Warehouse (Mag-II) P-296	1983	2A		X		X/NF	
BLD 746	746	Flight Simulator P-270	1984	2A		X		X/NF	
	747	Maintenance (5)	1983	2A		X	X		

**Table 3-13
Condition of Buildings
MCAS EI Toro BCP**

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/ PCB Light Fixtures	Asbestos Determination			
						Inspected	Not Identified	Confirmed/ Type (1)	Suspected (2)
BLD 748	748	Restroom	1983	2A		X		X/F	
BLD 749	749	Restroom P-437	1983	2A		X		X/NF	
	750	Sentry Booth (5)	1983	2A		X	X		
	751	Storage (5)	1983	2A		X	X		
BLD 752	752	Fuel Farm #5 Office	1983	2A		X		X/NF	
BLD 757	757	Mars	1983	1F		X		X/NF	
	782	Storage (5)	1983	3F		X	X		
BLD 783	783	Exchange Admin./Service Outlets	1983	1G		X		X/NF	
BLD 787	787	NBC Defense Platoon Facility	1984	3A		X		X/NF	
	875	Weight Handling Equipment Shop (4)	1945	NA	X				X
BLD 1524	1524	General Storage Shed	1945	1C		X		X/NF	
BLD 1538	1538	Fuel Farm #4 Office	1945	2A	X	X	X		
BLD 1580	1580	General Warehouse Navy	1945	4B	X	X	X		
BLD 1595	1595	Public Works Maint. Storage	1945	4A	X	X		X/NF	
BLD 1601	1601	Public Works Maint. Storage	1945	4A	X	X		X/NF	
BLD 1650	1650	Aviation Armament	1947	3A	X	X	X		
BLD 1655	1655	Squadron Headquarters	1947	3A	X	X	X		
BLD 1656	1656	Admin. Storage	1947	3A	X	X	X		
BLD 1702	1702	Self Service Car Wash	1955	1B	X				X
BLD 1703	1703	Hazardous/Flammable Storehouse	1952	4B	X	X		X/NF	
BLD 1710	1710	Public Works Maint. Storage	1946	4A	X	X	X		
BLD 1719	1719	Applied Instruction Building	1946	3A	X	X	X		
BLD 1720	1720	NBC Headquarters	1946	3A	X	X	X		
BLD 1721	1721	Bachelor Enlisted Quarters	1946	3A	X	X		X/NF	
BLD 1752	1752	Magazine Equip. Shed	1956	5C	X	X	X		
BLD 1774	1774	Rodeo Arena	1956	2B	X				X
BLD 1787	1787	Aviation Armament	1958	3A	X	X	X		
BLD 1789	1789	Hazardous/Flammable Storehouse	1959	3A	X				X
BLD 1791	1791	Aviation Armament	1946	3A	X	X	X		
BLD 1798	1798	Riding Stables/Pen Shelter	1963	2B	X				X
BLD 1804	1804	Lunchroom	1966	2A	X	X		X/NF	
BLD 1809	1809	Sentry House	1969	3A	X				X
BLD 1810	1810	Magazine Area Security	1969	5C	X				X
BLD 1815	1815	Line Maint. Shelter	1979	5A	X	X	X		

**Table 3-13
Condition of Buildings
MCAS El Toro BCP**

Database Tracking	Building Number	Description	Year Built	Parcel	Suspected Lead-Based Paint/PCB Light Fixtures	Asbestos Determination		
						Inspected	Not Identified	Confirmed/Type (1)

Note:

ACM = Asbestos Containing Material

NA= Not Applicable

NL= Not Located on Station Maps

F= Friable Asbestos

NF= Non-Friable Asbestos

(1) Refer to Table 3-14 for information on types of ACMs identified.

(2) Buildings constructed prior to 1980 are suspected of containing ACMs.

(3) Scheduled to be demolished per MCAS El Toro Building List dated 20 August 1993.

(4) Location not known.

(5) The identified buildings were constructed after 1980, therefore are assumed not to contain lead-based paint or PCB containing light fixtures. An asbestos survey was performed and no asbestos containing materials were identified within these buildings.

Sources:

A - IT Corporation, 1989. MCAS El Toro Asbestos Survey and Assessment.

B - Ecology and Environment, Inc., 1991. MCAS Camp Pendleton, El Toro and Tustin, Asbestos Survey and Assessment.

C - Ecology and Environment, Inc., 1991. MCAS Camp Pendleton, El Toro and Tustin, Asbestos Survey and Assessment.

Table 3-14 Buildings with Known Asbestos MCAS EI Toro BCP								
Database Tracking	Building Number	Current Use	Year Built	Parcel	Total Area (sq. ft.)	ACM Identified	Friable	Source
BLD 6	6	Administration	1943	5A	9,226	Floor Tile Mastic	No No	A
BLD 11	11	Floor Tile	1943	1A	3,960	Floor Tile	No	A
BLD 12	12	Squadron Headquarters	1943	1A	3,960	12" x 12" floor tile Roofing Linoleum	No No No	B
BLD 15	15	Shop	1943	1A	6,240	Floor Tile	No	A
BLD 19	19	Administration	1943	1A	6,240	Floor Tile	No	A
BLD 23	23	Storage	1943	1A	6,240	Floor Tile	No	A
BLD 29	29	Storage	1943	1D	6,240	Floor Tile	No	A
BLD 32	32	Dormitory	1943	1D	7,740	Tank Insulation Floor Tile	No No	A
BLD 33	33	Dormitory	1943	1D	7,740	Floor tile Tank insulation	No No	A
BLD 34	34	Dormitory	1943	1D	7,740	Floor tile Tank insulation Transite	No No No	A
BLD 35	35	Dormitory	1943	1D	7,740	Tank insulation Floor tile	No No	A
BLD 51	51	Training	1943	1D	6,240	Floor tile	No	A
BLD 56	56	Administration	1943	1C	11,528	Floor tile	No	A
BLD 57	57	Bathhouse	1943	1C	9,310	12" x 12" floor tile Transite pipe Pipe insulation Pipe fitting insulation Roofing	No No Yes Yes No	B

Table 3-14 Buildings with Known Asbestos MCAS EI Toro BCP								
Database Tracking	Building Number	Current Use	Year Built	Parcel	Total Area (sq. ft.)	ACM Identified	Friable	Source
BLD 58	58	Administration	1943	1C	30,610	Pipe insulation Floor tiles Acoustical insulation Transite Tank insulation	Yes No Yes No No	A
BLD 60	60	Storage	1943	1C	5,376	Floor tile	No	A
	61	Gatehouse (1)	1943	1C	792	12" x 12" floor tile Roofing	No No	B
	63	Administration (1)	1943	1C	4,896	Pipe insulation Floor tile Roofing Transite	Yes No No No	A
BLD 66	66	Disbursing Office	1943	1B	12,418	12" x 12" floor tile Pipe insulation Blackboard 9" x 9" floor tile Transite panel Pipe insulation Pipe fitting insulation Roofing	No Yes No No No No Yes No	B
BLD 75	75	Administration	1943	1B	43,700	Carpet 12" x 12" floor tile 9" x 9" floor tile Roofing	No No No No	B
BLD 77	77	Administration	1943	1B	15,539	Pipe insulation Transite Tank insulation Floor tile	Yes No Yes No	A
BLD 83	83	Administration	1943	1B	1,943	Transite	Yes	A
BLD 94	94	Gym	1943	1B	23,123	Pipe insulation Floor tile	Yes No	A

Table 3-14 Buildings with Known Asbestos MCAS EI Toro BCP								
Database Tracking	Building Number	Current Use	Year Built	Parcel	Total Area (sq. ft.)	ACM Identified	Friable	Source
BLD 114	114	Hangar	1966	5A	25,232	Floor tile Pipe insulation Transite	No No No	A
BLD 115	115	Hangar	1966	5A	25,414	Pipe insulation Floor tile Transite	No No ND	A
BLD 125	125	Hangar	1943	2A	6,408	Floor tile	No	A
BLD 133	133	Storage	1943	2A	3,390	Transite	No	A
BLD 134	134	Storage	1943	2A	6,240	Floor tile	No	A
BLD 138	138	Shop	1943	2A	6,240	Pipe insulation Wall board	Yes Yes	A
BLD 244	244	Hangar	1944	5A	10,370	Floor tile	No	A
BLD 249	249	Dormitory	1945	1D	8,576	Floor tile Transite	No No	A A
BLD 250	250	Dormitory	1945	1D	8,576	Floor tile Tank insulation Transite	No No No	A
BLD 263	263	Administration	1945	1B	12,404	Pipe insulation Linoleum Transite	No No No	A
BLD 275	275	Dormitory	1944	1B	12,960	Transite Tank insulation Floor tile	Yes No No	A
BLD 276	276	Dormitory	1945	1B	12,960	Floor tile Tank insulation Pipe insulation Transite	No Yes Yes No	A
BLD 277	277	Dormitory	1945	1B	12,960	Tank insulation Pipe insulation Transite	No No No	A
BLD 285	285	Storage	1944	1B	16,000	Insulation Debris	Yes	A

<p align="center">Table 3-14 Buildings with Known Asbestos MCAS EI Toro BCP</p>								
Database Tracking	Building Number	Current Use	Year Built	Parcel	Total Area (sq. ft.)	ACM Identified	Friable	Source
BLD 288	288	Hangar	1944	5A	1,920	Pipe insulation Floor tile	Yes No	A
BLD 289	289	Hangar	1944	5A	10,370	Floor tile	No	A
BLD 291	291	Storage	1944	2A	14,400	Floor tile	No	A
BLD 295	295	Hangar	1944	5A	40,418	Pipe insulation Roofing	Yes No	A
BLD 296	296	Hangar	1944	5A	200,864	Pipe insulation transite Floor tile Duct insulation	Yes No No Yes	A
BLD 297	297	Hangar	1944	5A	193,892	Pipe insulation Tank insulation Floor tile	Yes Yes No	A
BLD 299	299	Shop	1944	4A	4,268	Transite Pipe insulation	No No	A
BLD 302	302	Shop	1945	4A	5,120	Transite	No	A
BLD 304	304	Administration	1944	4A	10,818	12" x 12" floor tile Carpet	No No	B
BLD 306	306	Shop	1944	4A	16,712	Transite	No	A
BLD 307	307	Shop	1944	4A	35,337	Floor tile	No	A
BLD 308	308	Storage	1944	2A	720	Floor tile	No	A
BLD 309	309	Administration	1944	4A	10,368	Tank insulation Pipe insulation	No No	A
BLD 312	312	Lab	1944	4A	5,243	Duct insulation Vibration dampener Pipe insulation Transite	Yes Yes Yes No	A
BLD 313	313	Warehouse	1944	4B	320,000	Floor tile Transite	No No	A
BLD 315	315	Shop	1945	5A	3,444	Transite	No	A
BLD 317	317	Warehouse	1945	4B	126,609	Transite	No	A

<p align="center">Table 3-14 Buildings with Known Asbestos MCAS EI Toro BCP</p>								
Database Tracking	Building Number	Current Use	Year Built	Parcel	Total Area (sq. ft.)	ACM Identified	Friable	Source
BLD 318	318	Warehouse	1945	4B	122,409	Tar paper	No	A
BLD 321	321	Warehouse	1945	4B	70,300	12" x 12" floor tile Carpet Pipe fitting insulation 9" x 9" floor tile Pipe insulation Roofing	No No Yes No Yes No	A, B, C
BLD 322	322	Cafeteria	1945	4B	10,653	Pipe insulation Floor tiles Transite	Yes No No	A
BLD 324	324	Training	1945	4A	45,858	Pipe insulation Transite Tank insulation Boiler insulation Floor tile Vibration dampener	Yes No No No No No	A
BLD 325	325	Storage	1945	4A	251	Transite	No	A
BLD 326	326	Storage	1945	4A	11,446	Floor tile Pipe insulation Transite	No Yes No	A
	327	Dormitory (1)	1945	4A	43,928	Pipe insulation Tank insulation Linoleum Transite	Yes No No No	A
BLD 328	328	Administration	1945	1C	43,923	Tank insulation Pipe insulation Floor tile	No Yes No	A
BLD 329	329	Administration	1945	1C	22,328	Tank insulation Pipe insulation Floor tile	No Yes No	A

<p align="center">Table 3-14 Buildings with Known Asbestos MCAS EI Toro BCP</p>								
Database Tracking	Building Number	Current Use	Year Built	Parcel	Total Area (sq. ft.)	ACM Identified	Friable	Source
BLD 360	360	Storage	1952	4B	124,920	Pipe insulation Duct insulation	Yes Yes	A
BLD 364	364	Mess hall	1952	1G	40,817	Roof	No	A
BLD 366	366	Dormitory	1952	1G	45,136	Vibration dampener Pipe insulation Transite	No Yes No	A
BLD 367	367	Dormitory	1954	1G	45,136	Vibration dampener Pipe insulation Transite	No No No	A
BLD 368	368	Administration	1954	4A	19,950	Pipe insulation Floor tiles	No No	A
BLD 369	369	Servmart	1954	4A	29,568	12" x 12" floor tile Pipe insulation 9" x 9" floor tile Pipe fitting insulation Roofing	No Yes No Yes No	B
BLD 370	370	Maintenance Facility	1954	4A	15,280	12" x 12" floor tile 9" x 9" floor tile Pipe insulation Transite panel Pipe fitting insulation Roofing	No No Yes No Yes No	B
BLD 371	371	Hangar	1954	5A	87,061	Mastic	No	A
BLD 372	372	Administration	1954	5A	21,619	Pipe insulation Transite Floor tile Vibration Dampener	No ND No No	A
BLD 374	374	Shop	1954	3A	5,586	Pipe insulation	No	A
BLD 375	375	Dormitory	1954	1D	19,392	Pipe insulation Vibration dampener Floor tile	Yes No No	A

Table 3-14 Buildings with Known Asbestos MCAS EI Toro BCP								
Database Tracking	Building Number	Current Use	Year Built	Parcel	Total Area (sq. ft.)	ACM Identified	Friable	Source
BLD 376	376	Fire Alarm Headquarters	1954	1C	1,649	12" x 12" floor tile	No	B
BLD 382	382	Electric Substation # 1	1951	1C	207	Roofing	No	B
BLD 383	383	Electric Substation # 1	1954	4A	160	Roofing	No	B
BLD 384	384	Electric Substation # 1	1954	3A	160	Roofing	No	B
BLD 388	388	Shop	1955	4A	7,136	Pipe insulation Floor tile	No No	A
BLD 392	392	Shop	1955	2A	6,400	Pipe insulation Duct insulation	Yes Yes	B
BLD 394	394	Radio Receiver Building	1956	5C	1,596	9" x 9" floor tile Roofing	No No	B
	397	Pump House (1)	1956	5A	110	9" x 9" floor tile	No	B
BLD 404	404	Receiver Building	1957	5A	909	9" x 9" floor tile Roofing	No No	B
BLD 405	405	Administration	1953	3A	3,208	Pipe insulation Duct insulation	Yes No	A
BLD 406	406	Administration	1956	3A	2,285	Acoustical insulation Floor tile	Yes No	A
BLD 407	407	Administration	1956	3A	400	Floor tile Pipe insulation	No No	A
BLD 415	415	Storage	1957	2B	44,313	Floor tile Pipe insulation	No No	A
BLD 416	416	Storage	1957	3F	480	Floor tile	No	A
BLD 439	439	Medical	1959	1G	70,167	Pipe insulation Vibration dampener Duct insulation Transite	Yes No No No	A
BLD 441	441	Aviation Armament	1959	3A	1,500	Pipe fitting insulation	Yes	B
BLD 442	442	Aviation Armament	1959	3A	6,220	12" x 12" floor tile Pipe fitting insulation Roofing	No Yes No	B