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MCAS EL TORO
SSIC # 5090.3

United States Marine Corps

Base Realignment and Closure Cleanup Plan (BCP)

For

Marine Corps Air Station El Toro, CA

March 1998

MARINE CORPS AIR STATION
EL TORO, CALIFORNIA
BASE REALIGNMENT AND CLOSURE
(BRAC) CLEANUP PLAN

This BRAC Cleanup Plan provides current summary information on the status of, and strategies for, the cleanup of Marine Corps Air Station El Toro. We, the BRAC Cleanup Team, with consideration of community and stakeholder advice, have cooperatively developed this plan to provide for the safe, effective, timely, and cost-efficient environmental restoration and productive reuse of this closing DoD facility. This plan will be updated periodically to reflect new information regarding the environmental condition of the property, reuse priorities, and availability of funds.

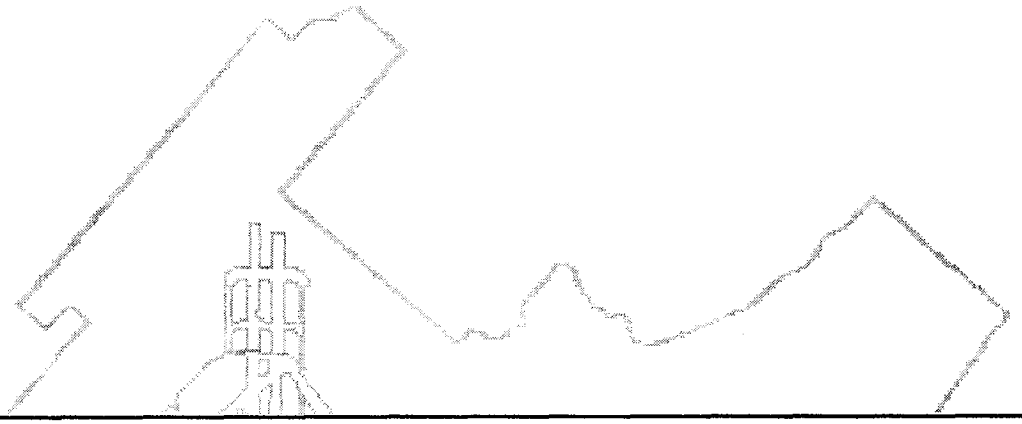
2/25/98

Tayseer Mahmoud
Remedial Project Manager
California Environmental Protection Agency,
Department of Toxic Substances Control

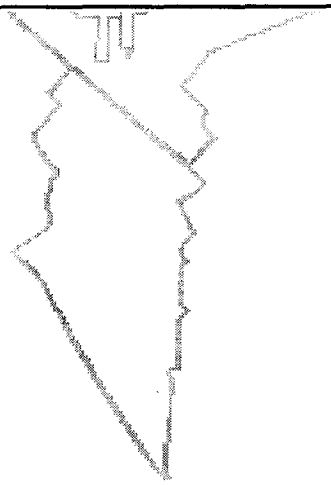
Glenn Kistner
Remedial Project Manager
United States Environmental
Protection Agency

Joseph Joyce
BRAC Environmental Coordinator
MCAS El Toro

MCAS El Toro BRAC Cleanup Plan
Vision and Mission Statements



Vision:	Maximize restoration and reuse by 1999
Mission:	Fast-track remediation of MCAS El Toro to expedite reuse and protect human health and environment



AB	Assembly Bill
accumulation areas	less-than-90-day accumulation areas
ACM	asbestos-containing materials
AC/S	Assistant Chief of Staff
AFB	Air Force Base
AOC	area of concern
AQMP	Air Quality Management Plan
AR	Administrative Record
ARAR	applicable or relevant and appropriate requirement
ASN	Assistant Secretary of the Navy
AST	aboveground storage tank
Basin	the Los Angeles Basin
BCP	BRAC Cleanup Plan
BCT	BRAC Cleanup Team
BEC	BRAC Environmental Coordinator
BFI	Browning Ferris Industries
bgs	below ground surface
BNI	Bechtel National, Inc.
BRAC	Base Realignment and Closure
BRAC III	Base Closure and Realignment Act of 1993
CAC	Citizens Advisory Committee
Cal-EPA	California Environmental Protection Agency
CBCEC	California Base Closure Environmental Committee
CCR	*California Code of Regulations*
CDM	CDM Federal Programs Corporation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CFR	*Code of Federal Regulations*
CLEAN	Comprehensive Long-Term Environmental Action Navy
CMC	Commandant of the Marine Corps
COE	(United States) Army Corps of Engineers
COMCABWEST	Commander, Marine Corps Air Bases Western Area
COPC	chemical of potential concern
County	Orange County
CP	Compliance Program
CRP	Community Reuse Plan
CTO	Contract Task Order

D&M	Dames & Moore
DFSC	Defense Fuel Supply Center
the Districts	the County Sanitation Districts of Orange County
DoD	Department of Defense
DoN	Department of the Navy
DRMO	Defense Reutilization and Marketing Office
DTSC	(Cal-EPA) Department of Toxic Substances Control
EBS	Environmental Baseline Survey
ECP	environmental condition of property
EE/CA	Engineering Evaluation/Cost Analysis
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EO	Environmental Office
EOD	explosive ordnance disposal
ETRPA	El Toro Reuse Planning Authority
°F	degrees Fahrenheit
FA	further action
FAA	Federal Aviation Administration
FDS	Federal Disposal Services
FFA	Federal Facilities Agreement
FOSL	finding of suitability to lease
FOST	finding of suitability to transfer
FS	feasibility study
ft/day	feet per day
GIS	geographical information system
HAS	Homeless Assistance Submission
HUD	(United States Department of) Housing and Urban Development
IAFS	Interim Action Feasibility Study
IDW	investigation-derived waste
IRP	Installation Restoration Program
IT	International Technology Corporation
IWTP	industrial wastewater treatment plant
JMM	James M. Montgomery Engineers

LBP	lead-based paint
LOC	location of concern
LRA	Local Redevelopment Authority
MAW	marine air wing
MCAS	Marine Corps Air Station
MCL	maximum contaminant level
mg/L	milligrams per liter
MSL	mean sea level
NAVFAC	Naval Facilities
NAVFACENGCOM	Naval Facilities Engineering Command
NAVRAMP	Navy Radon Assessment and Mitigation Program
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NEDTS	Navy Environmental Data Transfer Standards
NFA	no further action
NEPA	National Environmental Policy Act
NFI	no further investigation
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
OCHCA	Orange County Health Care Agency
OCWD	Orange County Water District
OEA	Office of Economic Adjustment
OHM	OHM Remediation Services Corporation
OU	operable unit
OWS	oil/water separator
PAH	polynuclear aromatic hydrocarbon
PBR	Permit by Rule
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
ppm	parts per million
PRG	preliminary remediation goal
Project Team	BRAC Project Team
PWC	Navy Public Works Center
QAPP	quality assurance project plan

RAB	Restoration Advisory Board
RAC	remedial action contract
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
RECLAIM	Regional Clean Air Initiatives Market
RFA	RCRA Facility Assessment
RI	Remedial Investigation
ROD	Record of Decision
RPM	Remedial Project Manager
RWQCB	Regional Water Quality Control Board
SAIC	Science Applications International Corporation
SCAQMD	South Coast Air Quality Management District
Station	Marine Corps Air Station El Toro
STP	sewage treatment plant
SVE	soil vapor extraction
SVOC	semivolatile organic compound
SWDIV	Southwest Division Naval Facilities Engineering Command
SWMU	solid waste management unit
TAA	temporary accumulation area
TCRA	time-critical removal action
TDS	total dissolved solids
TRC	Technical Review Committee
TSCA	Toxic Substances Control Act
UCL	upper confidence limit
U.S. EPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USMC	United States Marine Corps
UST	underground storage tank
VOC	volatile organic compound
WW	World War
XFMR	transformer

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Executive Summary

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

- BRAC III;
- National Environmental Policy Act (NEPA);
- Resource Conservation and Recovery Act (RCRA);
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act and the Community Environmental Response Facilitation Act (CERFA); and
- other applicable state and local laws.

MCAS El Toro was listed on the National Priority List under CERCLA in February 1990. The BCP is a planning document; therefore, the information and assumptions presented may not have complete approval from the federal and state regulatory agencies. The BCP is a dynamic document that is updated regularly to reflect the current status of response 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, were evaluated and considered for inclusion during the update of this BCP. This document represents information available as of 31 December 1997. The next update of the BCP, scheduled for March 1999, will include information through 31 December 1998.

STATUS OF DISPOSAL, REUSE, AND INTERIM LEASE PROCESS

In March 1994, the County of Orange (County), along with the Cities of Irvine and Lake Forest, formed a joint powers authority to develop a reuse plan for MCAS El Toro. In January 1995, the County withdrew from the joint powers authority in response to the passage of Measure A, a countywide ballot initiative approved by Orange County voters in November 1994. Measure A anticipates that the principal feature of a County-adopted reuse plan for MCAS El Toro should be a commercial airport. Measure A also established the 13-member El

Toro Airport Citizens Advisory Commission to advise the Board of Supervisors and Orange County Planning Commission on base reuse.

In April 1995, the Office of Economic Adjustment formally recognized the Orange County Board of Supervisors as the official Local Redevelopment Authority (LRA) for MCAS El Toro. As the recognized LRA, the Board of Supervisors was given sole responsibility for preparing a Community Reuse Plan (CRP) for submittal to the DoN. Eight Department of Defense (DoD) and federal agencies submitted formal applications for MCAS El Toro property during the federal screening process. They are listed in Chapter 2.

The LRA provided its recommendations on each of these requests to the Assistant Secretary of the Navy in early 1995. The LRA has endorsed requests by the Department of Interior (DOI) for the Habitat Reserve, the Federal Aviation Administration, and the California Air National Guard. The LRA recommended that the remaining requests be denied. No surplus property determination has been made. Currently none of the transfer actions have been approved by the Assistant Secretary of the Navy.

In the fall of 1995, the LRA conducted the state/local and homeless provider screening process in accordance with the Base Closure Community Redevelopment and Homeless Assistance Act of 1994 and implementing regulations issued by the DoD and the U.S. Department of Housing and Urban Development (HUD) in August 1995.

The LRA prepared a final CRP and draft Environmental Impact Report (EIR) which evaluated three reuse alternatives for the Station. Reuse Alternative A—Commercial Passenger/Cargo Use (the proposed project)—provided for a full service commercial passenger and cargo airport and compatible non-aviation uses. Reuse Alternative B—Cargo/General Aviation Use—provided for a cargo and general aviation airport and compatible non-aviation uses. Reuse Alternative C—Non-aviation—provided for non-aviation uses including an educational campus, visitor-oriented attractions, research and development, and other uses.

In August 1996, the LRA issued the draft MCAS El Toro CRP, Homeless Assistance Submission (HAS) and draft EIR for a 67-day public review and comment period. The written public comment period ended on 15 October 1996. In the fall of 1996, the Orange County Airport Commission, the El Toro Airport Citizens Advisory Commission, and the Orange County Planning Commission conducted public meetings/hearings and adopted recommendations to the Board of Supervisors on the draft CRP, HAS and EIR.

On 11 December 1996, the Board of Supervisors adopted the final MCAS El Toro CRP (P&D Consultants Team, December 1996), which provides for a more detailed study of a full-service commercial passenger and cargo airport, as well as compatible non-aviation uses.

The final CRP also incorporates the LRA's previously transmitted recommendations on each of the DoD and federal agency requests for property at the base and the 47 Notice Of Interest applications submitted during the state/local and homeless provider screening process conducted by the LRA. The final CRP and HAS were submitted to the Assistant Secretary of the Navy and the Secretary of HUD on 13 December 1996.

In the March 1995 final Environmental Baseline Survey (EBS) Report (Jacobs Engineering 1995), approximately 63 percent of the total 4,738 acres of real property at the Station was categorized as eligible under CERFA for transfer as uncontaminated property (area type 1: no disposal, release, and/or migration of contaminants has occurred). Since the 1995 EBS, additional property has been categorized as area type 1. Property designated as area types 1 through 4 is environmentally suitable for transfer by deed. This property type now totals approximately 85 percent of the Station property. The remaining real property is identified as area type 5 (disposal, release, and/or migration has occurred, and removal or remedial actions are underway, but all required remedial actions have not yet been taken); area type 6 (disposal, release, and/or migration of contaminants has occurred, but no response actions have been taken); and area type 7 (unevaluated areas or areas requiring additional evaluation). The real extent of land classified as area types 5, 6, and 7 is approximately 95 acres (2 percent), 469 acres (10 percent), and 167 acres (3 percent), respectively. Environmental restoration activities during 1997 have increased the Station land eligible for transfer (area types 1 through 4) an additional 881 acres. The Bake Parkway/Interstate 5 public highway expansion project is complete and should result in the transfer of approximately 25 acres of MCAS El Toro property in 1998.

The scheduling and prioritizing of parcels for reuse based on the final CRP was provided by the LRA in 1997. The closure programs summarized in this BCP are not anticipated to be adversely impacted by the LRA's parcel prioritization schedule.

The County and the DoN have entered into agreements permitting the transfer by quitclaim deed of the Bake Parkway/Interstate 5 right-of-way at fair market value. The DoN issued a license for construction of the road for the Bake Parkway/Interstate 5 project, pending completion of a Finding of Suitability to Transfer and transfer deeds.

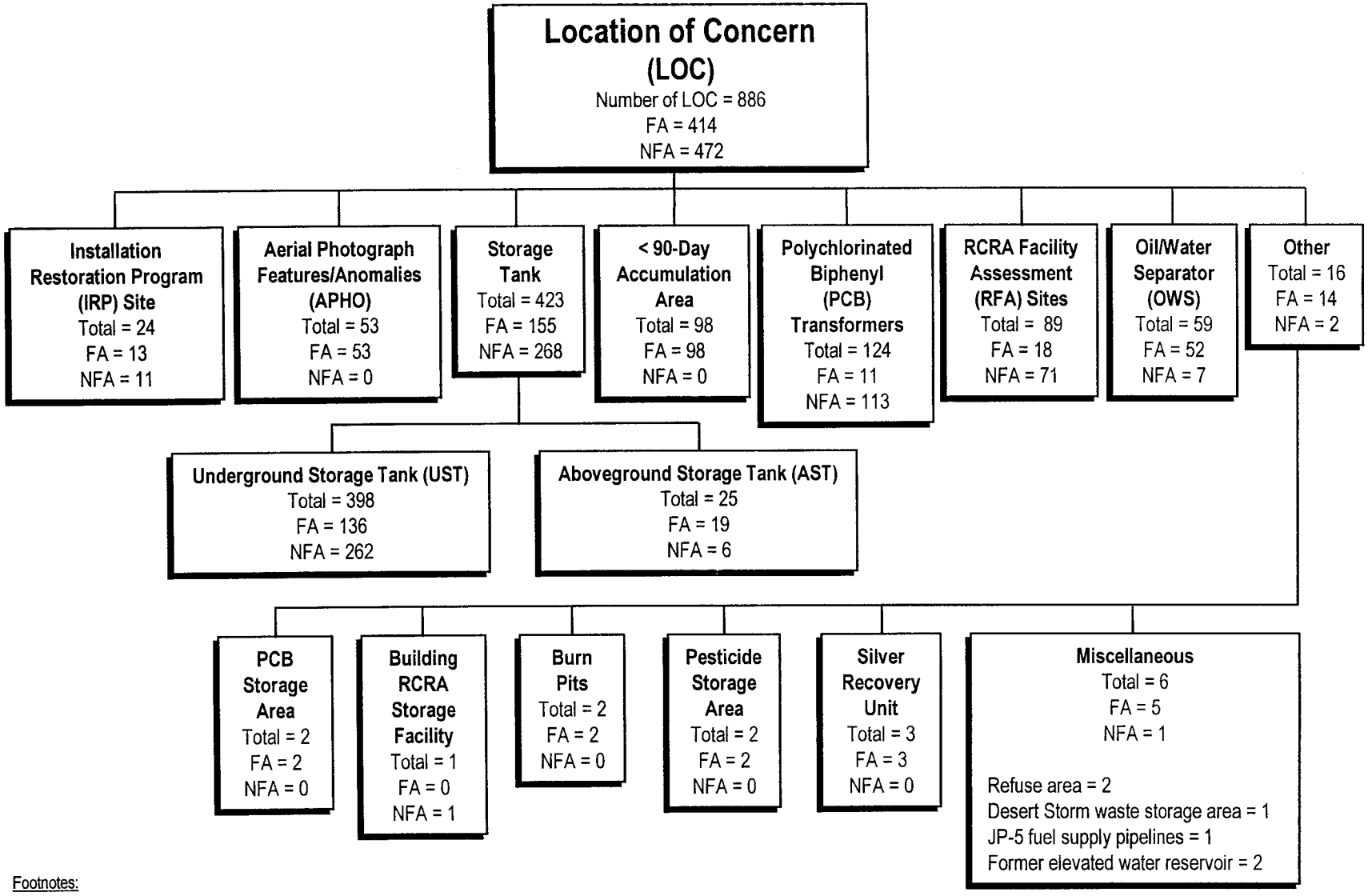
STATUS OF ENVIRONMENTAL RESTORATION PROGRAM

A total of 886 locations of concern (LOCs) have been identified at MCAS El Toro. An LOC is defined as any identified location or area that is potentially contaminated or is a potential source of contamination. Exhibit ES-1 summarizes the types and number of different LOCs at the Station. Figure ES-1 presents the distribution of these LOCs.

Environmental Program Highlights. The following accomplishments highlight the progress of environmental restoration activities at MCAS El Toro:

- completion of two time-critical removal actions at Sites 2 and 17 and one non-time-critical removal action at Site 19;
- agency approval of the Draft Final Remedial Investigation (RI) reports for operable units (OU)-1, -2A, -2B, and -2C and the approval of the OU-2A interim ROD for the vadose zone at Site 24;
- continued operation of SVE treatment systems at Tank Farm 2 and Tank 398 Site;
- removal of 10,000 gallons (to date) of free-phase petroleum product from the water table at underground storage tank (UST) 398;
- regulatory closure of 262 USTs to date (100 during 1997), including complete closure of Tank Farms 1, 3, 4 and 5;
- continuation of base-wide groundwater monitoring, with three sampling rounds completed in 1997;
- SVE pilot testing in 1997 at 20 wells at Site 24 that is effectively removing contamination; on-site investigation-derived waste treatment plant that reduces disposal costs and provides irrigation water for the Station;
- agency approval of the polynuclear aromatic hydrocarbon (PAH) Reference Study (BNI 1996a) that allowed the recategorization of 448 acres of land from area type 7 to area type 3, thus allowing this land to be transferred by deed; and
- continued progress on an agreement between Orange County and Irvine Ranch Water District and MCAS El Toro in support of a multipurpose project to remediate regional groundwater contaminated with volatile organic compounds.

FIGURE ES-1
LOCATION OF CONCERN DISTRIBUTION

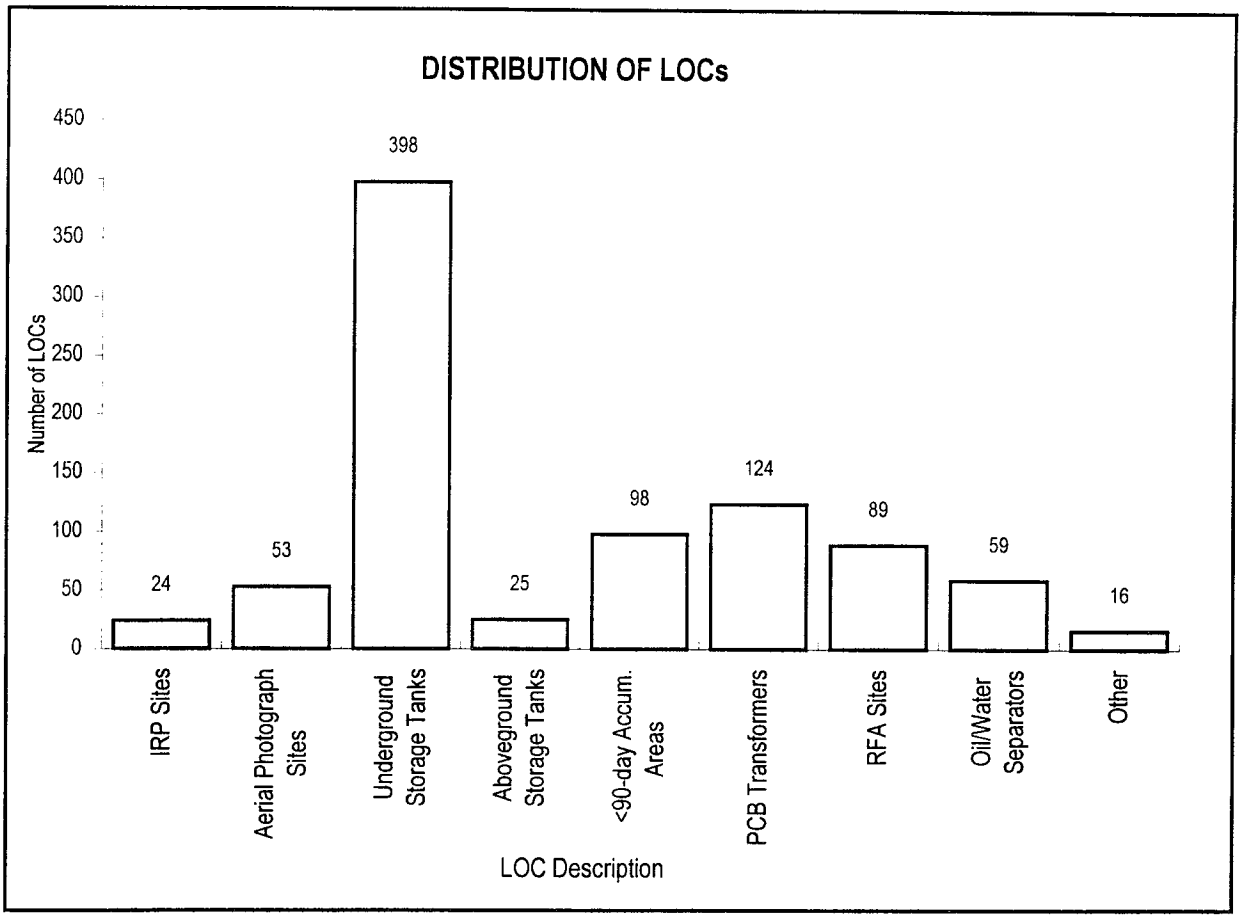


Footnotes:

FA = Further Action or Assessment Required

NFA = No Further Action Required

Exhibit ES-1



Source: Table 3-1a

Installation Restoration Program. Currently, a total of 24 sites are being investigated in the Installation Restoration Program (IRP) at the Station (Sites 1 through 22, 24, and 25). Of these, 22 sites were evaluated during the Phase I RI, which was completed in May 1993. Two additional sites were established for investigation in Phase II, bringing the total number of IRP sites to 24. The final Work Plan for the Phase II RI/FS was prepared in July 1995, and these sites are currently in various stages of the RI/FS process. Of the 24 sites managed under the Federal Facilities Agreement (FFA), 13 IRP sites are still advancing through the CERCLA process. These sites are grouped into three OUs: OU-1, OU-2, and OU-3. The following is a brief summary of the site groupings, current status, and Federal Facilities Agreement schedule for each of the three OUs.

- OU-1 addresses contaminated groundwater on- and off-Station and consists of one IRP site (Site 18). The final interim RI/FS report for OU-1 was submitted in August 1996.

- OU-2 consists of three subunits (OU-2A, OU-2B, and OU-2C) and addresses potential source areas of groundwater contamination.

- RI and Draft Phase II FS Reports for Site 24 were submitted in June and August 1996, respectively. OU-2A interim ROD (vadoze zone) was signed in September 1997. The draft ROD for OU-2A which will finalize the remedial decision and will include groundwater is scheduled to be prepared in December 1998.

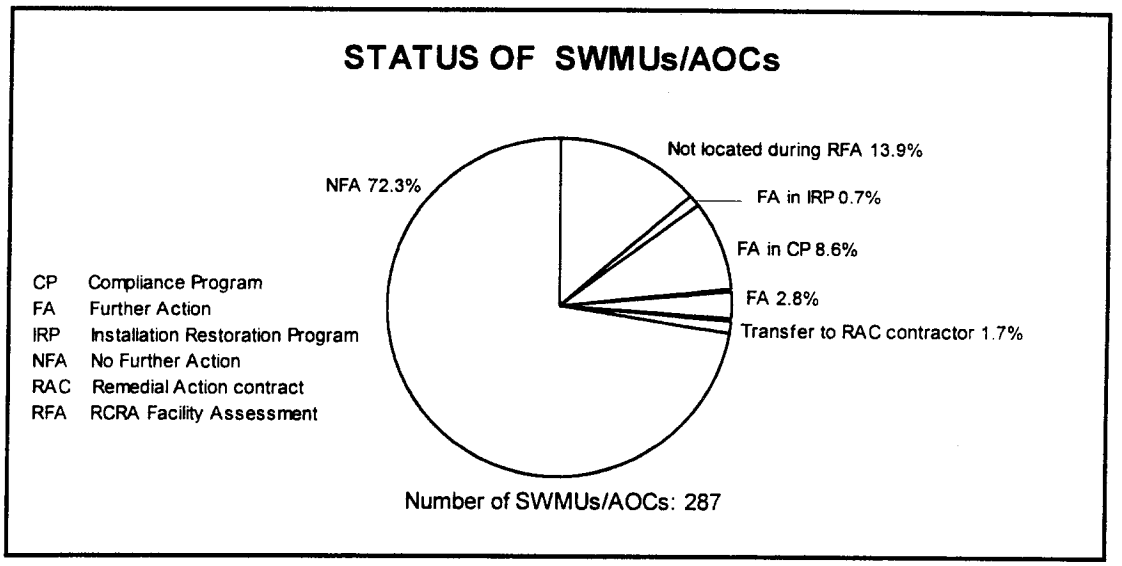
- OU-2B addresses inactive landfill Sites 2 and 17. The Draft Final Phase II RI and draft FS Reports were both submitted in September 1996. Draft Final FS reports were submitted in September 1997. Based on BCT concurrence with the FS reports, a Draft Proposal Plan was submitted to the BCT. The draft ROD is scheduled for a May 1998 submittal.

- OU-2C addresses inactive landfill Sites 3 and 5. The Draft Final Phase II RI and draft FS Reports were both submitted in October 1996. Draft Final FS reports were submitted in September 1997. Based on BCT concurrence with the FS reports, a Draft Proposal Plan was submitted to the BCT. The draft ROD is scheduled for a May 1998 submittal.

- OU-3 addresses the remaining 7 sites that still require further action. Portions of three sites (Sites 15, 19, and 20) are no longer part of the IRP; they have been withdrawn via the CERCLA petroleum exclusion.

RCRA Facility Assessment Sites. A RCRA Facility Assessment (RFA) was performed at the Station between 1990 and 1993. The RFA included the investigation of 305 solid waste management units (SWMUs)/areas of concern (AOCs). However, 3 units were located at MCAS Tustin, and 15 units were duplicates of other SWMUs/AOCs. Therefore, a total of 287 SWMUs/AOCs is of interest at the Station. Of these, 140 were included in a sampling effort. The RFA report was approved by the Department of Toxic Substances Control contingent upon performance of additional investigation at 14 SWMUs/AOCs. A final addendum to the RFA report was completed on 31 May 1996 (BNI 1996a). The addendum presents results and recommendations for the 14 SWMUs/AOCs and recommends closure strategies for 73 temporary accumulation areas. Exhibit ES-2 summarizes the status of SWMUs/AOCs. The number of SWMUs/AOCs in Exhibit ES-2 is greater than the number of RFA sites indicated in Exhibit ES-1, because some LOCs have been designated as both SWMUs/AOCs and as other types of LOCs. For example, there are USTs that have been identified as SWMUs/AOCs. Exhibit ES-1 refers to these SWMUs/AOCs as USTs instead of as RFA sites.

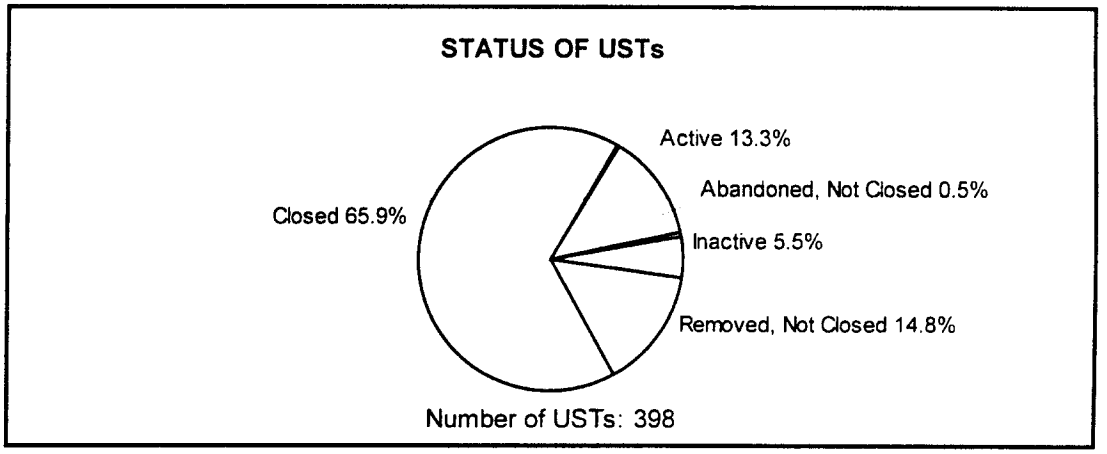
Exhibit ES-2



Source: Table 3-13

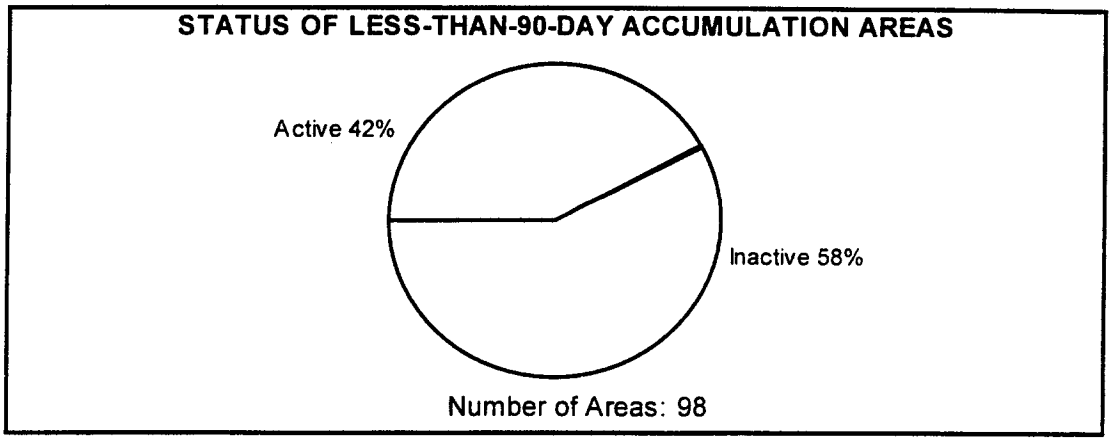
Compliance Program Sites and Other LOCs. There are numerous compliance programs in progress at MCAS El Toro that involve different types of LOCs including USTs, less-than-90-day accumulation areas, polychlorinated biphenyls (PCBs) transformers, and oil/water separators. The status of each of these types of LOCs are summarized in Exhibits ES-3 through ES-6. The status of the remaining types of LOCs (aboveground storage tanks, PCB storage sites, burn pits, silver recovery units, pesticide storage sites, and aerial photograph sites) is discussed in Chapter 3. Due to the fact that El Toro will continue to operate as the major west coast Air Station for the Marine Corps up until July 1999, the on going compliance programs supporting air operations are subject to change. Annual BCP updates continue to validate both the number and status of all LOCs at MCAS El Toro.

Exhibit ES-3



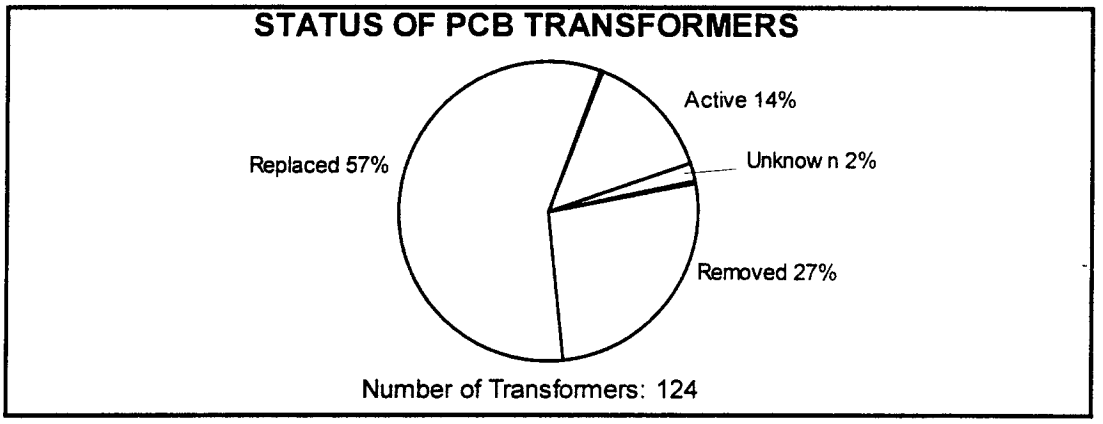
Source: Table 3-7

Exhibit ES-4



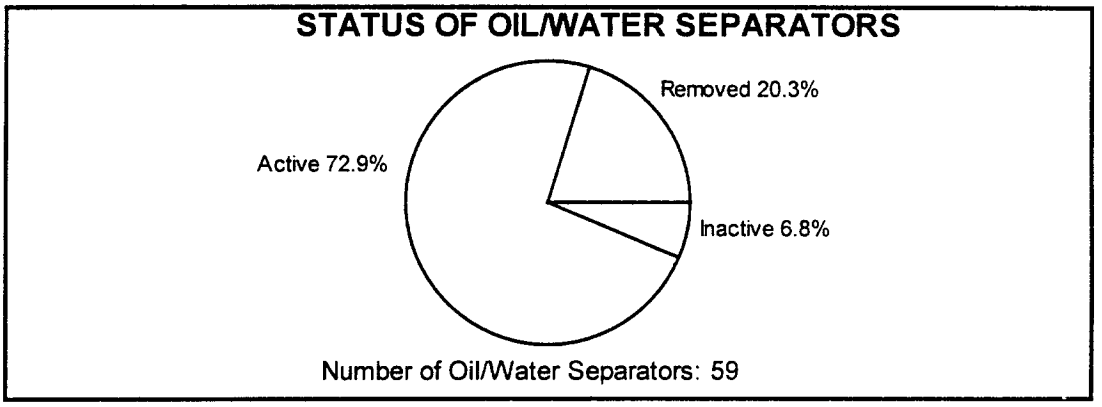
Source: Table 3-9

Exhibit ES-5



Source: Table 3-10

Exhibit ES-6



Source: Table 3-14

INITIATIVES FOR ACCELERATING CLEANUP

The BCT has conducted a "bottom up" review of the environmental programs at MCAS El Toro in accordance with DoD guidance on establishing BCTs (DoD 1993). During the review process, the following ten issues were addressed to identify opportunities for accelerating cleanup activities necessary to facilitate conveyance of real property at the Station.

1. **Technology Review**. Publications such as Treatment Technologies Applications Matrix for Base Closure Activities, prepared by the California Base Closure Environmental Committee, dated November 1994 (CBCEC 1994a) and the latest information from the United States and California Environmental Protection Agencies (U.S. EPA and Cal-EPA) and DoD will be reviewed as part of the evaluations performed in selecting technologies.

2. **Immediate Removal Actions**. A UST Tiger Team has been formed at the Station to address compliance and closure issues related to USTs on-Station. In 1997, 100 USTs received regulatory closure, bringing the total number of closed USTs to 262. All of Tank Farms 1, 3, 4, and 5 have been closed. Sixty-nine inactive tanks have been removed in 1997. All 53 currently active tanks and the remaining 22 inactive tanks are scheduled to be removed upon base closure in 1999. The Tiger Team will continue to develop strategies for the removal of the remaining USTs as the Station closure approaches in 1999.

   Two time-critical removal action memorandas were submitted for public review in October 1996 for IRP Sites 2 and 17 (former landfills), for public safety and to abate erosion of landfill materials. The removal actions were completed in 1997. A non-time-critical action memorandum was also submitted for public review in October 1996 for IRP Site 19 (Unit 2). These removal actions are designed to remove the risk to human health and the environment and expedite cost-effective cleanup.

3. **Clean Properties**. A basewide EBS for MCAS El Toro was submitted to the United States Environmental Protection Agency (U.S. EPA) and California Environmental Protection Agency (Cal-EPA) on 01 April 1995. The Navy, Marine Corps, and regulators have concurred on the designation of area type 1 parcels as Environmental Condition of Property, Category 1. The EBS designated approximately 2,982 acres of land as Environmental Condition of Property, Category 1. Review of information available since April 1995 indicates that approximately 4,008 acres of land are currently Environmental Condition of Property, Category 1. Since uncontaminated areas do not coincide with the zone designations based on current land use, the BCT and the LRA will need to determine how to transfer these properties expeditiously. Options include subdividing the existing zones based on area type.

4. **Overlapping Phases**. As an ongoing effort, the BCT will continue to identify phases of the cleanup process that can be overlapped to reduce the time required for completion. Areas of overlap at MCAS El Toro include the following:

   - the RFA was conducted concurrently with the Phase I RI;
   - treatability studies are being conducted concurrently with the early stages of the OU-2 RI;
   - Phase II RI/FS activities for the volatile organic compound (VOC) source area, landfills, and OU-3 sites were conducted simultaneously;
   - a Comprehensive Long-Term Environmental Action Navy (CLEAN)/remedial action contract (RAC) contractor integration during the pilot testing at Site 24, and planned integration during future pilot tests; and
   - cooperative facilities for conducting RCRA, UST, and RI/FS activities are being used.

5. **Contracting Procedures**. A RAC was executed with OHM Remediation Services Corporation to conduct response actions on installations within the purview of Southwest Division Naval Facilities Engineering Command (SWDIV). SWDIV management of the CLEAN, RAC, and indefinite-quantity contracts has been based on a cooperative and interactive approach. Active participation by all members of the Project Team results in a bias for action.

6. **Community Reuse Interface**. In an effort to carry out strategies for environmental restoration activities, while assuring proactive community involvement, the Station has adopted an approach to meet the needs of the public as well as the requirements of NEPA, CERCLA, CERFA, and the California Health and Safety Code Section 25356.1. The approach provides for a number of services to inform interested parties (e.g., the city of Irvine, the city of Lake Forest, and Orange County) of environmental restoration activities while maintaining a commitment for efficient and cost-effective cleanup at MCAS El Toro.

7. **Bias for Cleanup**. The BCT will continue to emphasize expedited remedial actions and attempt to avoid lengthy site characterization studies and prolonged RI/FS activities. As such, the BCT members will continue to collaborate in devising work plans, identifying cleanup criteria, and selecting remedial actions in an effort to aggressively pursue cleanup instead of studies and data collection. To date, the BCT has successfully expedited environmental restoration by initiating removal actions under

the Superfund Accelerated Cleanup Model at three IRP sites. Acceleration of ongoing or future cleanup activities will continue to be in strict compliance with applicable rules, regulations, and public health and safety requirements.

8. **Validation of Technology**. The BCT and BRAC Project Team have been formed to include technical, operational, reuse, and administrative specialists. They provide input and support for efforts to achieve accelerated cleanup and transfer of Station property. Some of the project team members include representatives from the following:

   - U.S. EPA, Cal-EPA, and other local regulatory agencies (e.g., Orange County Health Care Agency);
   - SWDIV;
   - MCAS El Toro BRAC Department;
   - MCAS El Toro Environmental Department;
   - MCAS El Toro Installations Department;
   - CLEAN I and CLEAN II contractors; and
   - RAC contractor.

   The effectiveness of immunoassay field screening kits was validated in the PAH Reference Study (BNI 1996a). The use of these kits allowed for quick, accurate analysis of on-site contaminants during RI field activities.

9. **Presumptive Remedies**. Presumptive remedies are preferred technologies for common categories of sites, based on previous remedy selection and U.S. EPA scientific and engineering evaluation of performance data on technology implementation. The presumptive remedy approach is one tool used to accelerate cleanup under the Superfund Accelerated Cleanup Model. By using presumptive remedies, site investigations and selection of cleanup strategies can be streamlined. Presumptive remedies are expected to assure consistency in remedy selection and reduce time and cost required to clean up similar types of sites. Currently, presumptive remedies are recognized by U.S. EPA for VOC remedies and municipal and military landfill remedies. Presumptive remedies are being considered for the four landfill sites (Sites 2, 3, 5, and 17) and the VOC source area (Site 24).

10. **Partnering**. A partnering agreement among the Project Team is essential for efficient management of the base closure process. The BCT has established a partnering agreement and team charter that incorporates the

latest and most efficient management techniques to coordinate installation restoration activities. The following team charter agreement for MCAS El Toro was developed during a team-building seminar held in October 1994.

We, the MCAS El Toro partners, commit to effectively working together to maximize restoration and reuse of MCAS El Toro by 1999. We will accomplish this goal through teamwork, dedicated and focused participation, our ethics outlined below, and effective communication between all partners.

We want the project to be enjoyable to work on and will work together with trust and respect, and will ensure that all team members' interests impact decisions. Problems will be resolved quickly or escalated if appropriate by team members closest to the issue. As partners, we commit to communicating our mission and partnership goals to new project members and encourage them to embrace this partnership.

Involvement of the regulatory agencies during pre-proposal meetings for new work to gain concurrence from the entire BCT at the earliest possible phases of investigation and cleanup.

Our mutually agreed upon ethical standards are listed below.

CODE OF ETHICS

- Integrity
- Trust
- Leadership
- Sincerity
- Empathy
- Responsibility
- Objectivity
- Dependability
- Accountability
- Credibility
- Candor
- Honesty

Additionally, we will listen to and value others' opinions, honor diversity, model the behavior we expect from others, and have fun.

Through frequent meetings and conference calls, the BCT has worked together as a team to discuss and resolve issues related to environmental restoration activities at MCAS El Toro with a focus on expediting reuse while protecting human health and the environment. One manifestation of this partnering is involvement of the regulatory agencies during pre-proposal meetings for new environmental work in order to gain concurrence from the entire BCT at the earliest possible phases of investigation and cleanup.

SUMMARY OF CURRENT BCP ACTION ITEMS

Table ES-1 provides a list 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.

The BCT has coordinated and managed a number of tasks relating to the BRAC cleanup activities at MCAS El Toro during the past year. A brief list of accomplishments includes:

- continuing progress by the UST Tiger Team to address UST compliance and closure issues;
- acceleration of an expedited UST removal program for the removal of 7 of the remaining 22 inactive USTs in 1998;
- continued Restoration Advisory Board meetings during 1998;
- publication of fact sheets for public information and awareness; and
- No Action Record of Decision for eleven of the twenty-four IRP sites.

Table ES-1
BCT Project Team Action Items
(Sheet 1 of 3)

Action Items	STATUS		
	In Progress	To Be Performed	Completed
COMPLIANCE ACTIVITIES			
UST Removal/Compliance			
Install UST monitoring systems			X
Remove 7 of 22 remaining inactive USTs in 1998	X		
Obtain regulatory closure on removed USTs	X		
RCRA Facilities			
Implement closure strategies for 73 temporary accumulation areas	X		
OWSs			
Remove inactive OWSs	X		
Evaluate active OWSs for removal after 1999		X	
PCBs			
Evaluate past PCB transformer storage areas	X		
Perform survey of and inventory all transformers on station to evaluate potential PCB content	X		
Hazardous Waste Management			
Maintain current compliance program	X		
Wastewater Discharges			
Maintain compliance with NPDES Permit	X		
Air Emissions			
Maintain current compliance program	X		
Comply with air regulations when implementing remedial actions		X	
Lead-Based Paint			
Maintain current compliance program	X		

Table ES-1
BCT Project Team Action Items
(Sheet 2 of 3)

Action Items	STATUS		
	In Progress	To Be Performed	Completed
Asbestos			
Conduct survey of housing facilities			X
Perform abatement as needed	X		
Cleanup Standards			
Develop cleanup standards for various media	X		
Conceptual Models			
Update conceptual site models	X		
Risk Assessments			
Update risk assessment	X		
Early Action Items			
Identify opportunities	X		
Implement opportunities – To date, portions of three sites have been eliminated from the RI/FS process through the petroleum exclusion process – To date, one unit of one site has been eliminated from the RI/FS process with a no further investigation decision	X		
CERCLA 120(h)(3) CONSIDERATIONS			
Develop an inventory of sites recommended for no further action	X		
Continue CERCLA progress for the 13 sites still in the Installation Restoration Program	X		
Evaluate identified features of potential environmental concern through BCT site walks (e.g., aerial photograph sites, Desert Storm hazardous waste storage area, pesticide storage areas, PCB storage areas, former silver recovery units, and possible mercury leaks)	X		

Table ES-1
BCT Project Team Action Items
(Sheet 3 of 3)

Action Items	STATUS		
	In Progress	To Be Performed	Completed
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		

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Chapter 1
Introduction

This document presents the Base Realignment and Closure (BRAC) Cleanup Plan (BCP) for Marine Corps Air Station (MCAS) El Toro (Station). This report is an update of the 1997 BCP and was prepared under contract N68711-96-D-2029, delivery order 0009, issued by Southwest Division Naval Facilities Engineering Command (SWDIV).

In March 1993, MCAS El Toro was placed on the proposed Base Closure and Realignment Act (BRAC III) list of military facilities considered for base closure. In September 1993, MCAS El Toro was formally selected for closure. Closure of MCAS El Toro is planned to be completed by July 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, compliance programs are in place at the Station to assure that waste and resource management practices are conducted in a manner that protects human health and the environment.

This BCP summarizes the current status of the MCAS El Toro 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 performed under both the Installation Restoration Program (IRP) and the associated environmental compliance programs to support full restoration of the Station.

The BCP is a dynamic planning document, which is updated annually. The initial BCP was submitted to Naval Facilities Engineering Command (NAVFACENGCOM) on 21 March 1994. This March 1998 version of the BCP was prepared based on information available as of 31 December 1997. There have been three updates since 1994, one in 1995, one in 1996, and one in 1997. As such, information, schedules, and response actions presented in this document are subject to change. Because some of the information that is currently available 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. This BCP will be updated as required to reflect changes that occur.

This BCP has been organized and prepared according to guidance presented in the BCP Guidebook (DoD 1993, 1996) as follows.

Chapter 1 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.

Chapter 2 summarizes 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. It also discusses various property disposal methods under consideration for MCAS El Toro.

Chapter 3 summarizes the current status of the IRP and environmental compliance programs at MCAS El Toro. This chapter also presents the status of natural and cultural resources, environmental condition of property at the Station, and the community relations activities that have been conducted to date.

Chapter 4 describes the Stationwide environmental restoration and compliance program strategy for MCAS El Toro. This chapter discusses current plans for remedial activities and other responses associated with the IRP sites and compliance program issues. This chapter also addresses the strategies for natural and cultural resources and community involvement for the Station.

Chapter 5 provides master schedules of planned and anticipated activities to be performed throughout the duration of the MCAS El Toro environmental restoration program.

Chapter 6 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.

Chapter 7 contains references relevant to this BCP.

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

- Appendix A – tabular summaries of funding requirements and past costs for the environmental restoration program;
- Appendix B – listings of previous environmental restoration program deliverables by program and by site;
- Appendix C – summaries of decision documents for remedial action selections for IRP sites (none currently exist for MCAS El Toro);
- Appendix D – summaries of decision documents for no further response action decisions for IRP sites (none currently exist for MCAS El Toro); and
- Appendix E – conceptual site models for IRP sites.

1.1 ENVIRONMENTAL RESPONSE OBJECTIVES

The objectives of the environmental restoration program for MCAS El Toro are as follows:

- expedite and improve environmental response actions to facilitate the disposal and reuse of MCAS El Toro property;
- protect human health and the environment;
- comply with existing federal, state, and local statutes and regulations;
- 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;
- meet the provisions of the Federal Facilities Agreement (FFA);
- continue efforts to identify potentially contaminated areas;
- establish priorities for environmental restoration and restoration-related compliance activities (so that property disposal and reuse goals can be met);
- design schedules and estimate costs for performing remedial activities for IRP sites and compliance program issues;
- identify and map areas suitable for transfer by deed/lease and areas unsuitable for transfer by deed; and
- closeout LOCs including IRP sites.

1.2 BCP PURPOSE, UPDATES, AND DISTRIBUTION

The purpose of this BCP is to summarize the status of the MCAS El Toro environmental restoration and compliance programs and to provide a comprehensive strategy for addressing environmental restoration and restoration-related compliance activities. This BCP also 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 annually to reflect status, strategy, and schedule changes, as well as issue resolution. This BCP document and subsequent update materials will be distributed to the BRAC Cleanup Team (BCT) and identified interested parties. Updated BCP documents will also be kept at various MCAS El Toro information repository locations. Currently, the established repository for MCAS El Toro restoration information is

Heritage Park Public Library located in Irvine, California. After the Station is closed, this information repository will continue to house Station restoration information.

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 the MCAS El Toro BCP. The BCT will also serve as the decision-making body for the efforts of the Project Team. Members of the BCT include representatives from the Department of the Navy (DoN)/United States Marine Corps (USMC), United States Environmental Protection Agency (U.S. EPA), and the California Environmental Protection Agency (Cal-EPA) Department of Toxic Substances Control (DTSC). The DoN representative serves as the BRAC Environmental Coordinator (BEC).

The BCT is supported by the Project Team, which is composed of individuals capable of providing technical, operational, reuse, and administrative assistance. Table 1-1 identifies the current BCT and Project Team members, along with their roles and responsibilities.

1.4 BRIEF HISTORY OF INSTALLATION

The following subsections summarize the location, 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 south-central Orange County, California, about 7 miles east of MCAF Tustin (Figure 1-1, MCAS El Toro Location Map). MCAS El Toro is bordered on the northwest, 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 4,811.6 acres (about 7.4 square miles), which includes 73.4 acres of off-station property. Approximately 580.45 acres of Station property are currently designated for agricultural outleases. Agricultural outleased lands are located at the corners of the Station and are used for plant nurseries and crop production. Crops grown on-Station include strawberries, winter celery, and tomatoes (MCAS El Toro 1991).

1.4.2 Site History

Construction of a 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. MCAS El Toro is currently expediting the closure of MCAF Tustin by using vacated spaces to temporarily house helicopters departing from Tustin.

A history of operations at the Station is provided in Table 1-2 (History of Installation Operations). Table 1-2 also summarizes past 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 military aircraft and ground-support equipment. An inventory of hazardous wastes generated at the Station is provided in Table 1-3 (Hazardous Waste-Generating Activities). The generation of hazardous wastes resulted from operations at various locations throughout the Station, including:

- aircraft maintenance hangars;
- maintenance shops for automobiles, aircraft ground-support equipment, vehicle equipment, and construction equipment;
- auto hobby shop, Marine Corps Exchange, and auto repair station;
- wash racks and steam-cleaning facilities;
- hazardous, flammable, and unused chemical materials storage areas; and
- aircraft fueling stations, Tactical Airfield Fuel Dispensing System, and fuel farms.

Hazardous wastes are typically generated from aircraft and vehicle maintenance, degreasing processes, and painting operations that produce 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 wash racks passes 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.

Detailed below are previous operations at MCAS El Toro that were or may have been significant in past waste generation and disposal procedures.

- 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 this 6-month operation was discharged to currently abandoned industrial wastewater sewer lines and treated at the former Industrial Wastewater Treatment Plant. Based on aerial photographs, this plant existed in the 1940s and was demolished by 1965.

- Sewage was treated at an on-Station plant that was constructed in 1943, abandoned in 1972, and demolished in the late 1970s.

- Incineration was performed at a facility 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 in the Original Landfill (IRP Site 3).

- Solid waste was disposed at four landfills on-Station. The Original Landfill (IRP Site 3) 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 at this site. Perimeter Road Landfill (IRP Site 5) 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 (IRP 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. The Communication Station Landfill (IRP Site 17) was also used for disposal of municipal debris, cooking grease, oils, and fuels. It was in use from 1981 until 1983.

- Two burn pit areas were operated for fire-fighting training exercises. Crash Crew Pit No. 1 (IRP Site 9), located in the southwest portion of the Station, was operated from 1965 through 1971. Crash Crew Pit No. 2 (IRP Site 16), located near the center of the Station, 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.

- Pesticides/herbicides have historically been used at the Station to control rodents and weeds. Chemicals used in the past include Thurshan, Diazinon™, chlordane, Crovar, malathion, Kelthane, strychnine, dichlorodiphenyltrichloroethane, and Retard-X.

1.4.3 Environmental Setting

Climate. The climate at MCAS El Toro is a typical Mediterranean climate, characterized by cool, moist winters and warm, dry summers. Temperatures in the winter seldom drop below 37 degrees Fahrenheit (°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 (the Basin), a large sedimentary basin in the Peninsular Ranges Geologic Province

(Yerkes et al. 1965). The plain also lies in the "Central Block" of the Basin, which is bound on the north by the Whittier Fault zone and on the south by the Newport-Inglewood Fault zone (CDMG 1978).

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 contiguous 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 Miocene to Pliocene deposits are divided into the Niguel, Fernando, and Capistrano Formations and are considered as 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, which together range up to 1,500 feet in thickness (JMM 1988).

Beneath the semiconsolidated rocks lies a 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 non-water-bearing in previous studies (JMM 1988).

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, instead of 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 Groundwater Basin (Banks 1984).

In 1988, along the southwest perimeter of the Station, the depth to groundwater ranged from 82 to 122 feet below ground surface (bgs) (JMM 1988). 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 the Phase I and Phase II Remedial Investigations (RIs) 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 1988). Regional flow has been west and northwest since the 1940s and has been controlled locally by large pumping depressions. Phase I RI data indicated that regional groundwater flow is still toward the northwest, with an average groundwater gradient of about 0.008.

Groundwater data has been acquired during the 1995/96 RI (BNI 1996b-f), Phase II RI, and subsequent groundwater pump test performed at Site 24, and from sampling activities conducted throughout 1997. The average hydraulic gradient for the shallow aquifer was interpreted to be 0.008, consistent with the 1989 findings.

Phase I data indicated average linear groundwater flow velocities in the uppermost aquifer across the Station 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 the linear groundwater velocity 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) (Geotechnical Consultants 1993), 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 approximately 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 approximately 200 and 450 feet bgs, contains lower levels of TDS and nitrate, and is dominated by sodium, calcium, and bicarbonate ions. The off-Station VOC contamination has migrated from the ground surface through the first and into the second facies.

The third facies lies within the lower hydrogeologic system at depths greater than 450 feet, contains relatively high levels of TDS and 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 Phases I and II RI data have generally confirmed these findings (JMM 1988; Jacobs Engineering 1993a; BNI 1996b-f).

1.5 OFF-BASE PROPERTY/TENANTS

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

Tenant units. A list of buildings and tenants at MCAS El Toro is provided in Table 1-4 (On-Base Tenant Units).

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 (History of Land Acquisitions).

Off-base property. Approximately 73.4 acres of off-Station property previously addressed in the El Toro 1997 BCP are now incorporated into the MCAF Tustin BRAC Program

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Table 1-1
Current BCT/Project Team Members
(Sheet 1 of 3)

Name	Title/Organization	Phone	Role/Responsibility
BCT Members			
Joyce, Joseph	BRAC Environmental Coordinator - MCAS El Toro and Navy Southwest Division Naval Facilities Engineering Command (SWDIV)	714/726-3470 619/532-4157 fax: 714/726-6586	Department of Defense Component Project Manager (Lead Agency)
Kistner, Glenn	Project Manager - U.S. Environmental Protection Agency (U.S. EPA), Region IX	415/744-1917 fax: 415/744-1796	U.S. EPA Region IX, Lead
Mahmoud, Tayseer	Project Manager - California EPA (Cal-EPA) Department of Toxic Substances Control (DTSC)	562/590-4891 fax: 562/590-4932	Cal-EPA DTSC, Lead
Other Key Participants			
Broussard, Theodoris	SWDIV	619/532-4161 fax: 619/532-4160	Contract Specialist
Crawley, David	SWDIV	714/726-5595 fax: 714/726-5577	Fieldwork Coordination and Logistics
Duchnak, Laura	SWDIV	619/532-4150 fax: 619/532-4160	Base Closure Manager
Hornecker, Lynn	SWDIV	619/532-4162 fax: 619/532-4160	RPM, Compliance Program Issues
Johniken, Tamy	SWDIV	619/532-4164 fax: 619/532-4160	BCP Update, Compliance
Lindsey, Bernie	SWDIV	619/532-4163 fax: 619/532-4160	RPM
Piszkin, Andy	SWDIV	619/532-4159 fax: 619/532-4160	Lead RPM/Technical Support
	SWDIV	619/532-2962 fax: 619/532-4160	Remedial Technical Manager, Technical Support
Potacka, Marianna	BRAC Environmental Program Manager - Marine Corps Headquarters	703/696-2138 fax: 703/696-1020	CMC Marine Corps Headquarters
Ciesla, Pete	MCAS El Toro, BRAC Office	714/726-3389 fax: 714/726-3394	Assistant Base Transition Coordinator
Gilhooley, Lt. Col. Ed	MCAS El Toro, BRAC Office	714/726-3387 fax: 714/726-3394	El Toro Closure Project Manager
Ritchie, Col. Jim	MCAS El Toro, BRAC Office	714/726-3389 fax: 714/726-3394	AC/S BRAC; Base Transition Coordinator

Table 1-1
Current BCT/Project Team Members
(Sheet 2 of 3)

Name	Title/Organization	Phone	Role/Responsibility
Carr, Lt. Col.	MCAS El Toro Environment & Safety Department	714/726-6610 fax: 714/726-6586	Deputy Assistant Chief of Staff, Environment and Safety
Katcharian, Lt. Hope	MCAS El Toro Environment & Safety Department	714/726-6607 fax: 714/726-6586	Director, Environmental Engineering Division
Lee, Wayne	MCAS El Toro Environment & Safety Department	714/726-3705 fax: 714/726-6586	Assistant Chief of Staff, Environment and Safety COMCAB WEST
Mukuris, Mike	MCAS El Toro Environment & Safety Department	714/726-2772 fax: 714/726-6586	Director, Waste Management Division
Rodriguez, Esther	MCAS El Toro Environment & Safety Department	714/726-3386 714/726-2840 fax: 714/726-6586	Environmental Program Support Specialist
Burr, Ike	MCAS El Toro, Installations	714/726-2266 fax: 714/726-2639	MCAS El Toro Deputy Assistant Chief of Staff, Installations
Sherwood, Paul	MCAS El Toro, Installations	714/726-6807 fax: 714/726-2639	Operations Manager
Williamson, Charles	MCAS El Toro, Installations	714/726-2270 fax: 714/726-2639	MCAS El Toro Director, Planning Engineering Division
Mathews, Thomas B.	County of Orange, Planning and Development Services Department	714/834-4643 fax: 714/834-2771	LRA Representative to the RAB
Bain, Andrew	U.S. EPA	800/231-3075	Community Relations Coordinator
Vitale, Larry	Project Manager - Cal-EPA, Regional Water Quality Control Board (RWQCB), Santa Ana	909/782-4998 fax: 909/781-6288	RWQCB - Santa Ana, Lead
Puepke, Brenda Jo	Orange County Health Care Agency	714/667-3787 fax: 714/972-0749	Underground Storage Tank and Hazardous Waste Program Oversight
Rashidi-Fard, Arghavan	Orange County Health Care Agency	714/667-3713 fax: 714/972-0749	Underground Storage Tank Removal Oversight
Mingay, Marsha	DTSC	562/590-4881 fax: 562/590-4932	Public Participation Specialist

Table 1-1
Current BCT/Project Team Members
(Sheet 3 of 3)

Name	Title/Organization	Phone	Role/Responsibility
Yue, Aaron	DTSC	562/590-4897 fax: 562/590-4932	Environmental Assessment and Reuse Specialist
Contractors			
Davidson, Larry/ CDM Federal Programs	Project Manager/ BCP Update	619/268-3383 fax: 619/268-9677	Project Manager for the March 1998 BCP Update
Sedlak, Bill/ OHM	Project Manager/OHM Remediation Services	714/263-1146 fax: 714/263-1147	SWDIV Remedial Action Contract Project Manager
Tedaldi, Dante/ Bechtel	CLEAN II El Toro Project Manager	619/687-8780 fax: 619/687-8787	Project Manager for CLEAN II, El Toro CTOs; CLEAN II Lead for OU-3

Abbreviations: BCT – Base Realignment and Closure (BRAC) Cleanup Team
BRAC – Base Realignment and Closure
DTSC – Department of Toxic Substance Control
RPM – Remedial Project Manager
COMCABWEST – Commander, Marine Corps Air Bases Western Area
CMC – Commandant of the Marine Corps
RWQCB – Regional Water Quality Control Board
NEPA – National Environmental Policy Act
IRP – Installation Restoration Program
CLEAN – Comprehensive Long-term Environmental Action Navy
CTO – Contract Task Order
OU – Operable Unit
ROD – Record of Decision
RAB – Restoration Advisory Board
LRA – Local Redevelopment Authority

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Table 1-2
History of Installation Operations
(Sheet 1 of 4)

Period	Type of Operation	Weapon System	Hazardous Substance Activity	Map Reference[1]
Pre-1943	Agricultural	None	Potential pesticide use	VL
1943	New construction MCAS El 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
(Sheet 2 of 4)

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)	Fighter, Attack, Transport, 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 El 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
(Sheet 3 of 4)

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 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 In-flight Refueler Aircraft, Helicopters and Logistic Transport	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 1995	One Marine Air Wing (3d MAW). Includes: MAG -11 125 F/A-18 fighter attack aircraft 12 KG-130 MAG -46 12 F/A-18 fighter attack aircraft (Reserve) 12 CH-46 helicopters Station UH-1 search and rescue helicopter UC-12, CT-39 logistic aircraft 8,000 personnel assigned	Fighter, Attack, and In-flight Refueler Aircraft, Helicopters and Logistic Transport	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
(Sheet 4 of 4)

Period	Type of Operation	Weapon System	Hazardous Substance Activity	Map Reference[1]
1995 to present	One Marine Air Wing (3d MAW). Includes: MAG -11 42 F/A-18 fighter attack aircraft 2 T-34C trainer aircraft 14 KC-130 aerial refueler/transport aircraft MAG -16 84 CH46 transport helicopters VMR-2 3 UH-1 search and rescue helicopters 3 UC-12 aircraft 1 CT-39 logistic aircraft; MAG-46 12 CH-46 (reserve) helicopters 9 CH-53 (reserve) helicopters (PAA for 8) actually do not have a home 5,546 personnel assigned (civilians included)	Fighter, Attack, and In-flight Refueler Aircraft, Helicopters and Logistic Transport	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

Sources: MCAS El Toro Master Plan, 1991
MCAS El Toro & Tustin Unofficial Guide and Directory, 1992
MCAS El Toro Command Museum Personnel

Notes: [1] Reference numbers correspond to locations shown in Figure 1-2

Abbreviations: VL – various locations
STP – sewage treatment plant
UST – underground storage tank
IWTP – industrial wastewater treatment plant

Table 1-3
Hazardous Waste-Generating Activities
(Sheet 1 of 5)

Facility (Building)[1]	Activity	Name of Waste Material	Generation Rate (lb./2 months)[2]	Disposition
Aero Club (10)	Small aircraft maintenance, (G, TAA)	Oil	480	Recycle
Auto Hobby Shop (626)	Auto repair shop (G, TAA)	Absorbent w/fuel, oil	518	DRMO
		Oil filters	736	Recycle
		Antifreeze	544	Recycle
C-Pool (386)	Base auto and truck repair shop (G, TAA)	Gas/Oil/filters	119	Recycle
		Oil	2,600	Recycle
CSSD-14 (388)	Hum V/support engine repair station (G, TAA)	Petroleum oil w/water	368	DRMO
		Aerosol prime coating	53	DRMO
		Aerosol vinyl spray	52	DRMO
		Absorbent w/fuel, oil	2,564	DRMO
		Petroleum oil w/solvents	996	DRMO
		Petroleum oil w/fuel	178	Recycle
		PD-680	124	DRMO
		Antifreeze	260	Recycle
		Rags w/fuel, oil	1,104	Recycle
FMD (370)	Maintain base/ buildings (G, TAA)	Paint remover	5,503	DRMO
		Miscellaneous paint	55	DRMO
		Spill debris w/oil	65	DRMO
		Antifreeze	98	Recycle
Fuels Division (314)	UST was removed on 11 Sep 97	N/A	N/A	N/A
MTACS-38 (22)	Ground control unit (G, TAA)	Used oil/diesel filters	98	Recycle
		Paint thinner	203	DRMO
		Batteries (mercury)	74	DRMO
		Calcium hypochlorite	52	DRMO
		Rags w/fuel, oil	102	Recycle
		Petroleum oil	332	Recycle
		Antifreeze	338	Recycle
MACG-38 (5)	Transportation and power electricity for MATCS-38 (G, TAA)	Antifreeze	178	Recycle
		Aerosol spray paint	94	DRMO
		Miscellaneous paint	368	DRMO
MAG-46 Helo (295) HMM 764 HMM 769 MWSS 473	Helicopters (G, TAA)	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO

Table 1-3
Hazardous Waste-Generating Activities
(Sheet 2 of 5)

Facility (Building)[1]	Activity	Name of Waste Material	Generation Rate (lb./2 months)[2]	Disposition
HMM 161 (461)	Helicopters (G, TAA)	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO
HMM 163[3] (606)	Helicopters (G, TAA)	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO
HMM 364[3] (605)	Helicopters (G, TAA)	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO
HMM 164[3] (453)	Helicopters (G, TAA) Deployed for 6 months.	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO
HMM 165[3] (462)	Helicopters (G, TAA)	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO

Table 1-3
Hazardous Waste-Generating Activities
(Sheet 3 of 5)

Facility (Building)[1]	Activity	Name of Waste Material	Generation Rate (lb./2 months)[2]	Disposition
HMM 166[3] (114)	Helicopters (G, TAA)	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO
HMM 268[3] (606)	Helicopters (G, TAA)	Rags w/fuel, oil	410	Recycle
		Rags w/synthetic oil	145	Recycle
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
		Absorbent w/fuel, oil	1,523	DRMO
		Aerosol paint	124	DRMO
		Synthetic oil	868	Recycle
		Rags w/sealing compound	152	DRMO
MALS-11 GSE North (392)	Equipment provide power/test electrical system/ service hydraulics fuels/start engine/ maintain and tow tractors (G, TAA)	Synthetic oil	474	Recycle
		Used oil/diesel filters	218	Recycle
		Latex gloves w/synthetic oil	52	DRMO
		Petroleum oil w/synthetic oil	230	Recycle
		25% Freon w/75% hydraulic fluid	436	DRMO
		Aerosol cleaning compound	35	DRMO
		Rags w/fuel, oil	252	Recycle
MALS-11 Power plants (634)	Fix and maintain F404 and T54 Engine (G, TAA)	Rags w/fuel, JP-5, synthetic oil	1,129	Recycle
		JP-5 w/synthetic oil	487	Recycle
MALS-16 GSE North (673)	Ground equipment provide power/test electrical system/ service hydraulics fuels/start engine/ maintain and tow tractors (G, TAA)	Oil w/antifreeze	199	DRMO
		Synthetic oil	474	Recycle
		Used oil/diesel filters	218	Recycle
		Latex gloves w/synthetic oil	52	
		Petroleum oil w/synthetic oil	230	Recycle
		25% Freon w/75% hydraulic fluid	436	
		Aerosol cleaning compound	35	
		Rags w/fuel, oil	252	Recycle
MWR-Auto #1(651)	Auto repair shop (G, TAA)	Grease	142	DRMO
		Fuel w/water	108	DRMO
		Used oil/diesel filters	698	Recycle
		Petroleum oil	522	Recycle

Table 1-3
Hazardous Waste-Generating Activities
(Sheet 4 of 5)

Facility (Building)[1]	Activity	Name of Waste Material	Generation Rate (lb./2 months)[2]	Disposition
MWSS-373 Headquarters (800)	Repair and maintenance of tactical vehicles (G, TAA)	Aerosol spray paint	171	DRMO
		Rags w/fuel, oil	755	Recycle
		Aerosol enamel spray paint	238	DRMO
		Absorbent w/fuel, oil	925	DRMO
		Used oil/diesel filters	164	Recycle
		Antifreeze	154	Recycle
MWSS-373 Refuelers (671)	Refuel by truck (G, TAA)	Absorbent w/fuel, oil	374	DRMO
		Petroleum oil	878	Recycle
		PD-680	314	DRMO
		Acidic cleaning compound	684	DRMO
MWSS-373 Utilities (31)	Fix and maintain generator/refer equipment/ laundry unit shower/runoff water system (G, TAA)	Absorbent w/fuel, oil	438	DRMO
		Rags w/solvents	164	Recycle
		Petroleum oil	338	Recycle
H&HS Recovery (307)	Emergency arrestment (G, TAA)	Absorbent w/oil debris	78	DRMO
		Aerosol spray paint	193	DRMO
		Petroleum oil	1,298	Recycle
		Absorbent w/fuel, oil	136	DRMO
VMR-2 ACM		Diesel w/water	574	Recycle
		Batteries (lead, acid)	150	Recycle
VMFAT-101 (371)	FA-18 aircraft (G, TAA)	Corrosion preventative compound	67	DRMO
		Miscellaneous paint	173	DRMO
		Enamel paint	101	DRMO
		Rags w/fuel, oil	1,063	Recycle
		Rags w/AC paint thinner	159	Recycle
		Absorbent w/fuel, oil	1,213	DRMO
		Cleaning compound (sodium hydroxide)	66	DRMO
		Cleaning compound (orthocresol)	687	DRMO
		Hydraulic fluid	1,966	Recycle
		Paint thinner	404	DRMO
		JP-5	1,192	Recycle
		Methyl ethyl ketone	96	DRMO
		Aliphatic isocyanate	168	DRMO
		Water w/oil	1,500	DRMO
		Sulfuric acid, spent	550	DRMO
		Rags w/synthetic oil	100	Recycle
		Paint booth filters	218	DRMO

Table 1-3
Hazardous Waste-Generating Activities
(Sheet 5 of 5)

Facility (Building)[1]	Activity	Name of Waste Material	Generation Rate (lb./2 months)[2]	Disposition
VMGR-352 (297)	KC-130 aerial transport, refuel vow line (G, TAA)	25% Freon w/75% hydraulic fluid	442	DRMO
		Rags w/fuel, oil	403	Recycle
		Miscellaneous paint	360	DRMO
		Enamel paint	105	DRMO
		Batteries (lead, acid)	400	Recycle
		Adhesive	60	DRMO
		Paint stripper	72	DRMO
		Aerosol spray paint	70	DRMO
		Synthetic oil	868	Recycle
		Hydraulic fluid	444	Recycle
		Absorbent w/fuel, oil	1,260	DRMO
Photo Lab (443)	Photography	Photo developer	600	DRMO
Armory (774)	Small arms storage	Rags, Q-tips, patches with solvent	85	DRMO
C-130 Simulator (693)	Flight simulator	Rags with oil	100	Recycle
Seair Bldg. (747)	Refueler	Petroleum oil	110	Recycle
		JP-5	220	Recycle

Source: Input from Station Environmental Engineering Division, September 1997.

Notes:
[1] The column in the BCP table entitled "Unit" is not included; according to EO staff, the unit column is the same as facility building
[2] Pounds per two-month period
[3] During any given time period, one HMM squadron and facility is inactive at MCAS El Toro. This is because one HMM Squadron is deployed at all time.

Abbreviations:
G - generator
TAA - temporary accumulation area (less than 90-day accumulation area)
DRMO - Defense Reutilization and Marketing Office

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Table 1-4
On-Base Tenant Units
(Sheet 1 of 4)

Tenant	Building Number(s)
13th Dental	20,105, 439, 457
3rd Marine Air Wing	139, 797, 829, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921
Adjutant	46, 420, 692
Aero Club	766
Aviation Physiology Training Unit	684
Aviation Weapons Training Unit-3	405, 406, 407, 409
CACI	456
CEO	757, 773, 774, 775, 776, 777
Chaplain	83, 581, 833
Comptroller	66, 475
Crash Crew	850, 851
Credit Union	304
Combat Service Support Detachment-14	147, 273, 313, 333, 387, 388, 655, 744, 759, 760
Defense Commissary Agency	317, 329
Defense Logistics Agency	197, 198, 199, 200, 201, 202, 203, 204, 205, 547, 548, 549, 550, 551
Defense Reutilization Marketing Office	319, 633, 784, 926, 927, 928
Environmental	53, 56, 300, 326, 769, 770, 772, 778, 779, 882
Explosive Ordnance Disposal	240, 780, 794, 795
Federal Aviation Administration	416
Fleet Aviation Specialized Operational Training Group	629
Food Service	364, 457
G-1 Personnel	75, 83, 121, 279, 376, 581, 656, 873
G-3 Air Operations	349, 372, 414, 588, 596, 597, 598, 638, 677
G-4 Logistics	29, 32, 33, 34, 35, 38, 46, 50, 65, 96, 298, 299, 248, 251, 375, 386, 616, 441, 742, 744, 942
G-4 Transients	249, 250
G-6 Ground Electronic Maintenance Division	1, 138, 321, 394, 399, 404, 573, 584, 730, 860, 861
G-6 Training	874
G-6/Federal Aviation Administration	372
Guard Safety	523
Headquarters and Headquarters Squadron	1
Headquarters and Headquarters-37	245, 305

Table 1-4
On-Base Tenant Units
(Sheet 2 of 4)

Tenant	Building Number(s)
Headquarters and Headquarters-38	8, 9, 11, 22, 23, 56
Housing	582, 614, 678
Human Resources Office	304
Installation	58, 146, 152, 155, 156, 174, 175, 293, 300, 301, 302, 306, 324, 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, 619, 639, 640, 641, 642, 643, 659, 662, 674, 675, 685, 689, 733, 735, 742, 753, 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, 955, 956
Marine Air Federal Credit Union	743
Marine Aircraft Group-11	136, 137, 391, 415, 457, 701, 711, 712, 713, 734, 761, 763, 767, 816, 843, 854, 856, 886, 887, 923
Marine Aviation Logistics Squadron-11	105, 127, 129, 130, 131, 132, 142, 165, 290, 291, 308, 341, 371, 392, 442, 447, 456, 469, 602, 631, 634, 636, 658, 664, 716, 745, 749, 750, 751, 756, 764, 786, 831, 840, 856, 931, 932, 933, 934, 935, 952, 953, 954, 964, 965, 1650, 1651, 1787, 1791
Marine Aviation Logistics Squadron - 16	673
Marine Air Group - 46	310, 315
Marine Aviation Logistics Squadron-46	295, 957, 958, 959, 960
Marine Air Traffic Control Squadron-38 (DETD)	137
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, 971
Marine Wing Headquarters Squadron	7, 12, 19, 20, 48, 52, 275, 787, 832, 967, 968, 1720
Morale, Welfare, and Recreation	10, 390, 402, 410, 421, 422, 427, 430, 432, 703, 704, 881, 882, 883, 884, 894, 943
Morale, Welfare, and Recreation-Hospital	347, 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, 941, 1774, 1775, 1798

Table 1-4
On-Base Tenant Units
(Sheet 3 of 4)

Tenant	Building Number(s)
Morale, Welfare, and Recreation-Retail	77, 637, 649, 650, 651, 783, 799, 930, 944, 961, 966, 1702
Morale, Welfare, and Recreation-Support	77, 285
Marine Medium Helicopter Squadron-764	295, 947, 948
Marine Wing Support Group-37	309, 758, 762, 771
Marine Wing Support Squadron-371	765
Marine Wing Support Squadron-373	25, 26, 27, 28, 31, 307, 313, 671, 672, 800, 801, 802, 803, 804, 825, 962, 963
National Guard	669
Naval Aviation Engineering Service Unit	745, 829
Naval Air Station Field Office	29
Naval Hospital	256, 439, 876
Nuclear Biological Chemical	1655, 1656, 1662, 1719, 1789
NWSSP	292
Provost Marshal's Office	6, 27, 133, 657, 702, 707, 708, 725, 729, 835, 856, 858, 929
Reserve Support Unit	60
Security	75, 311, 665, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872
Staff Judge Advocate	54, 257
Staff Non-Commissioned Officer Academy	874
Station Operations Maintenance Squadron	2, 3, 4, 98, 99, 288, 289, 307, 372, 435, 586, 587, 594, 595, 624, 644, 645, 646, 647, 717, 721, 824, 877,878, 879, 880, 969, 970, 1815
Station Operations Maintenance Squadron/ Federal Aviation Administration	372
Station Ordnance	536, 537, 538, 539, 540, 542, 543, 544, 545, 546, 611, 781, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 841, 893, 1752, 1810
Station Training	242, 819
MCAS El Toro	1, 58, 124, 296, 297, 366, 367, 376, 389, 440, 449, 450, 451, 452, 660, 661, 666, 667, 668, 731, 732, 739, 740, 741, 842, 889, 890, 895, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 972
Station/Provost Marshal's Office	898

Table 1-4
On-Base Tenant Units
(Sheet 4 of 4)

Tenant	Building Number(s)
Supply	189, 206, 207, 241, 285,314, 317, 318, 319, 320, 321, 359, 360, 363, 369, 379, 396, 419, 534, 552, 555, 556, 558, 559, 560, 561, 599, 635, 670, 699, 700, 747, 752, 755, 797, 827, 853, 1580, 1703, 1721
Training	57, 243, 244, 251, 263, 271, 443, 471, 472, 519, 520, 693, 746, 839
Vacant	47, 49, 51, 124, 135, 163, 164, 166, 167, 170, 171, 172, 292, 296, 297, 307, 321, 322, 324, 325, 355, 372, 405, 406, 407, 408, 409, 445, 457, 408, 445, 634, 669, 682, 683, 688, 698, 709, 710, 722, 826, 936, 937, 938, 1538, 1721, 1809
Vacant (G-4)	276, 277, 297, 324, 310
Vacant (DLA)	176, 177, 178, 179, 180, 181, 182, 183, 561
Vacant (Inst)	222, 373
Vacant (MAG-11)	230, 231, 1804
Vacant (STA)	312
Vacant (Supply)	191, 553, 554
Maintenance Hangar - 163	606
Maintenance Hangar - 164	461,714, 727
Maintenance Hangar - 165	462
Maintenance Hangar - 166	114, 124, 125, 126
Maintenance Hangar - 161	115, 122, 123
Maintenance Hangar - 364	118, 119, 697
Maintenance Hangar - 268	120, 121, 605
Marine Fighter Attack Squadron 314	695, 892, 939, 940
Marine Fighter Attack Squadron 323	606, 696
Marine Fighter Attack Training Squadron-101	371, 463, 487, 726, 785, 845, 847, 848, 849
Marine Fighter Attack Squadron-235	292, 728
Marine Aerial Refueler/Transport Squadron-352	297, 945, 946
West Coast Commissary Complex/Defense Commissary Agency	694
Wing Nuclear Biological Chemical	798

Source: MCAS El Toro Building List 1993

Abbreviations: CEO - Chief Executive Officer
PMTC - Pacific Missile Test Center

Table 1-5
Property Acquisition Summary
(Sheet 1 of 1)

Tract Number[1]	Previous Land Owner	ACREAGE			Type of Acquisition
		Fee Land	Easement Land	Acquisition Date	
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	Purchased from The Irvine Company
Total Acreage:		**4738.202**			

Sources: MCAS El Toro Master Plan 1991
Brown and Caldwell 1986

Note: [1] tract numbers correspond to Figure 1-4

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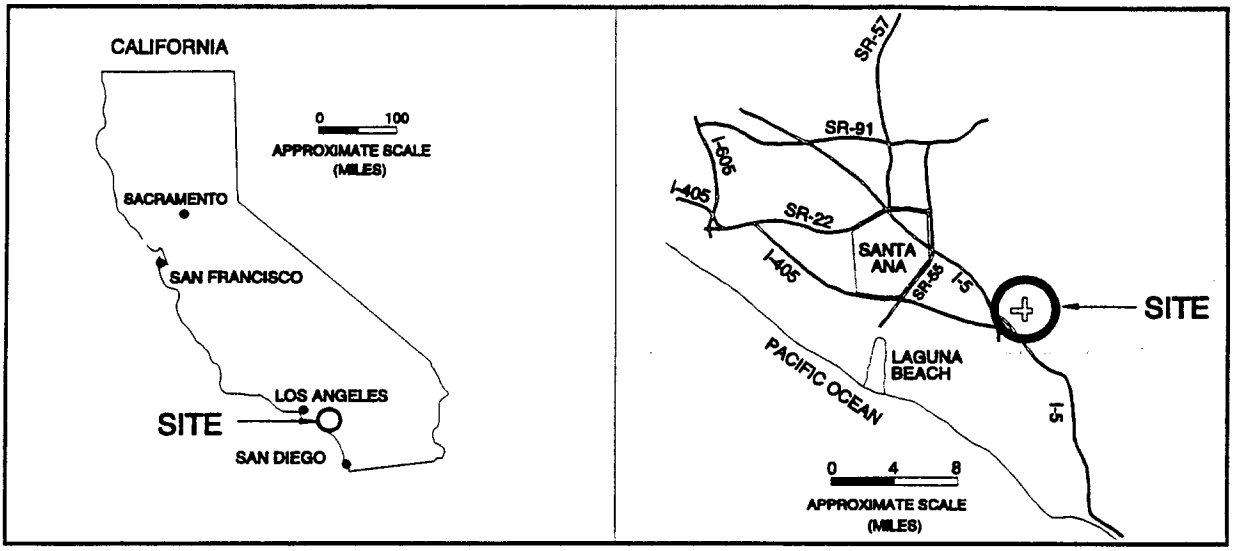

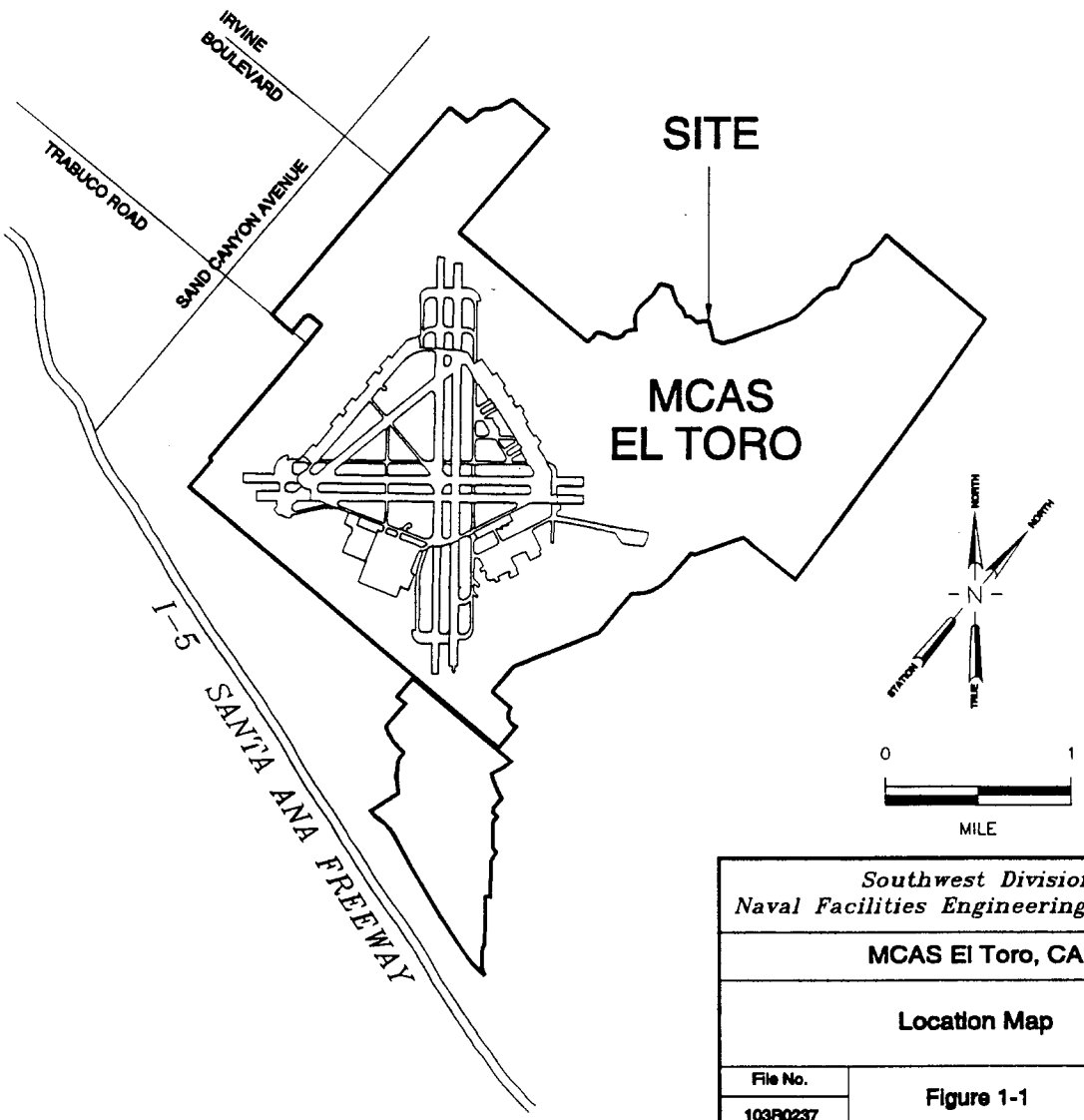

Southwest Division Naval Facilities Engineering Command		
MCAS El Toro, CA		
Location Map		
File No.	Figure 1-1	Date
103R0237		3/1/98

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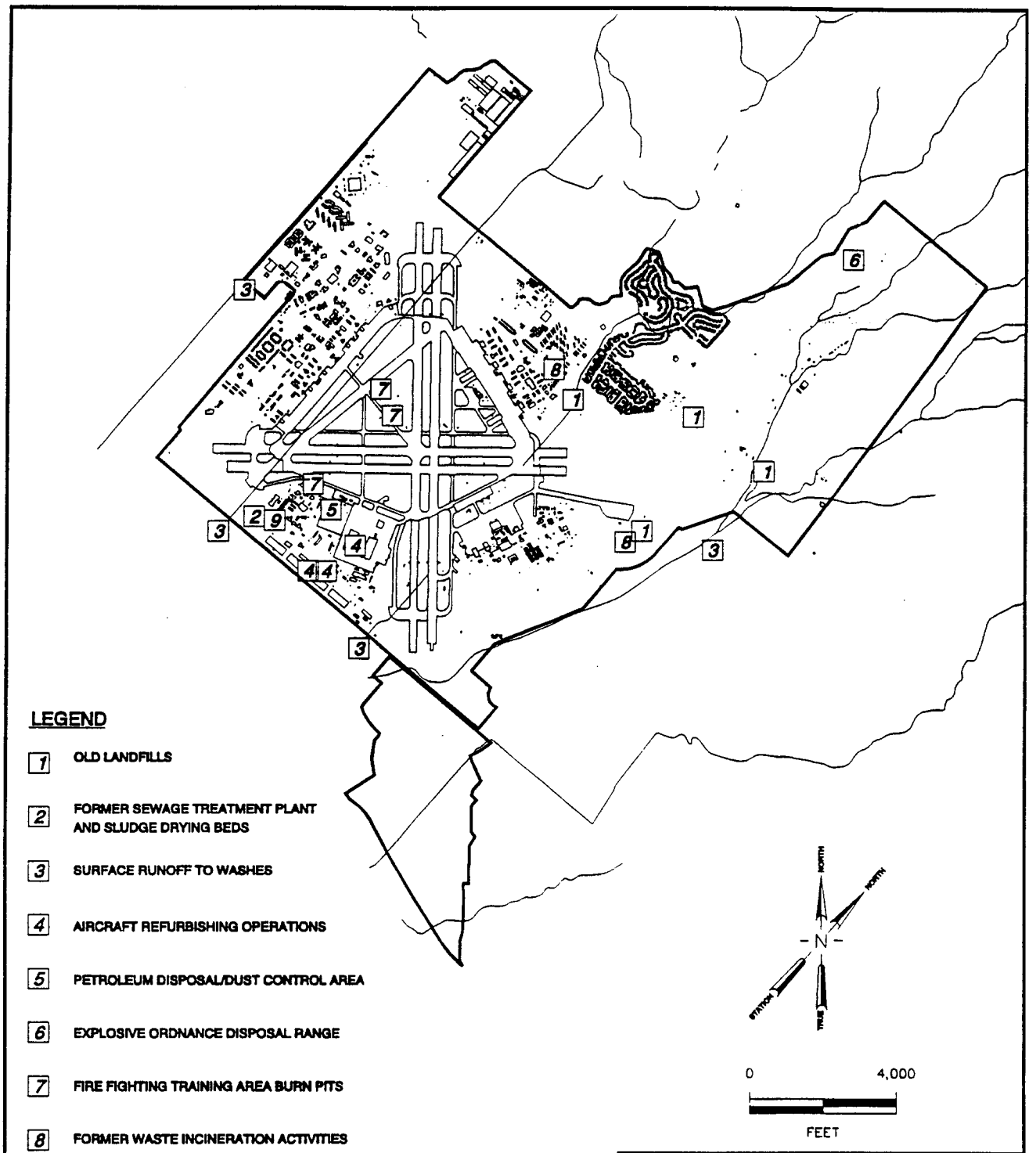

Southwest Division
Naval Facilities Engineering Command

MCAS El Toro, CA

Location of Past Hazardous Substance Activities

File No.		Date
103Q0248	Figure 1-2	3/1/98

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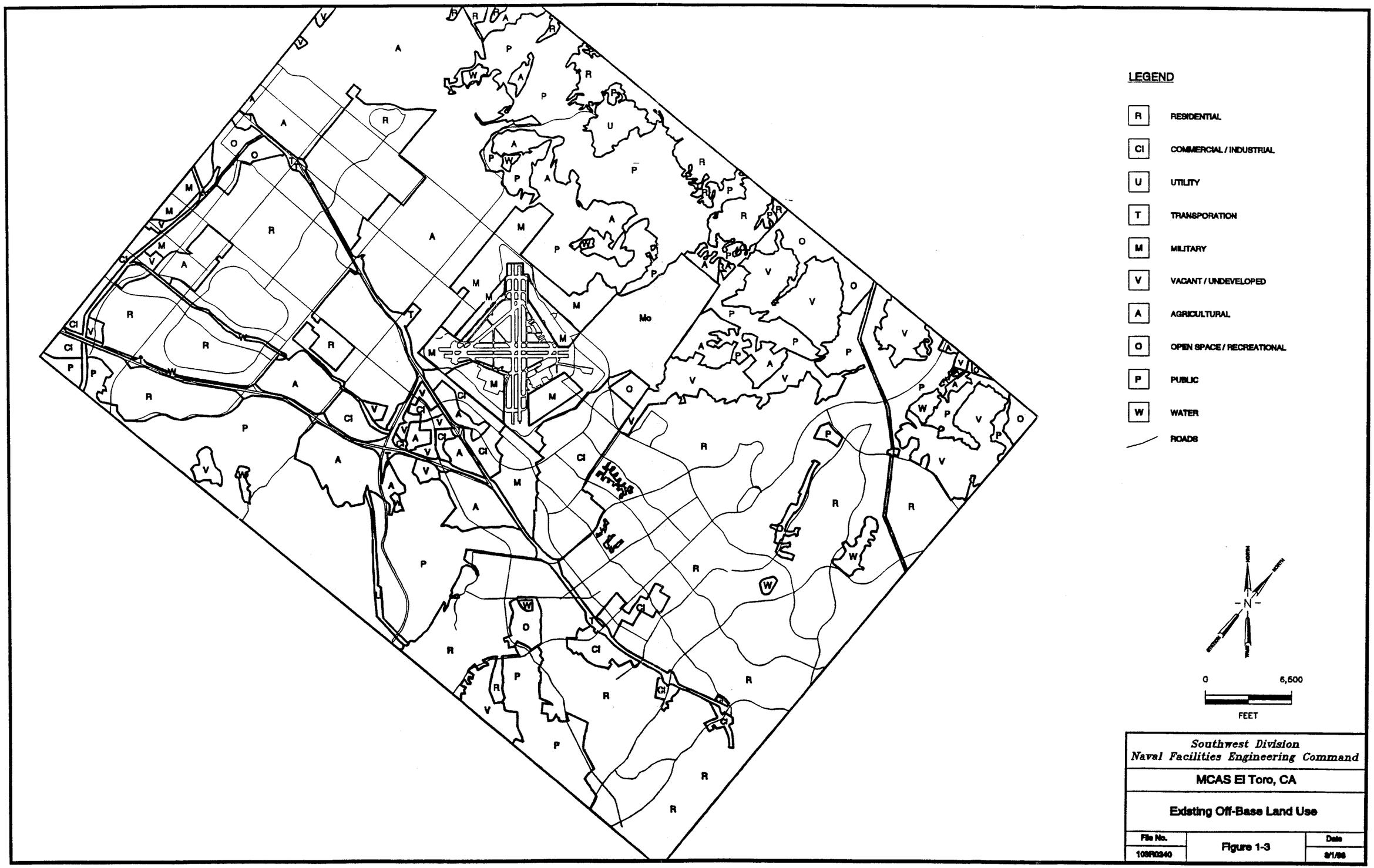
LEGEND
R RESIDENTIAL
CI COMMERCIAL / INDUSTRIAL
U UTILITY
T TRANSPORATION
M MILITARY
V VACANT / UNDEVELOPED
A AGRICULTURAL
O OPEN SPACE / RECREATIONAL
P PUBLIC
W WATER
ROADS
N
0
6,500
FEET
Southwest Division
Naval Facilities Engineering Command
MCAS El Toro, CA
Existing Off-Base Land Use
File No.
103R0340
Figure 1-3
Date
3/1/96

PAGE NO. 1-38

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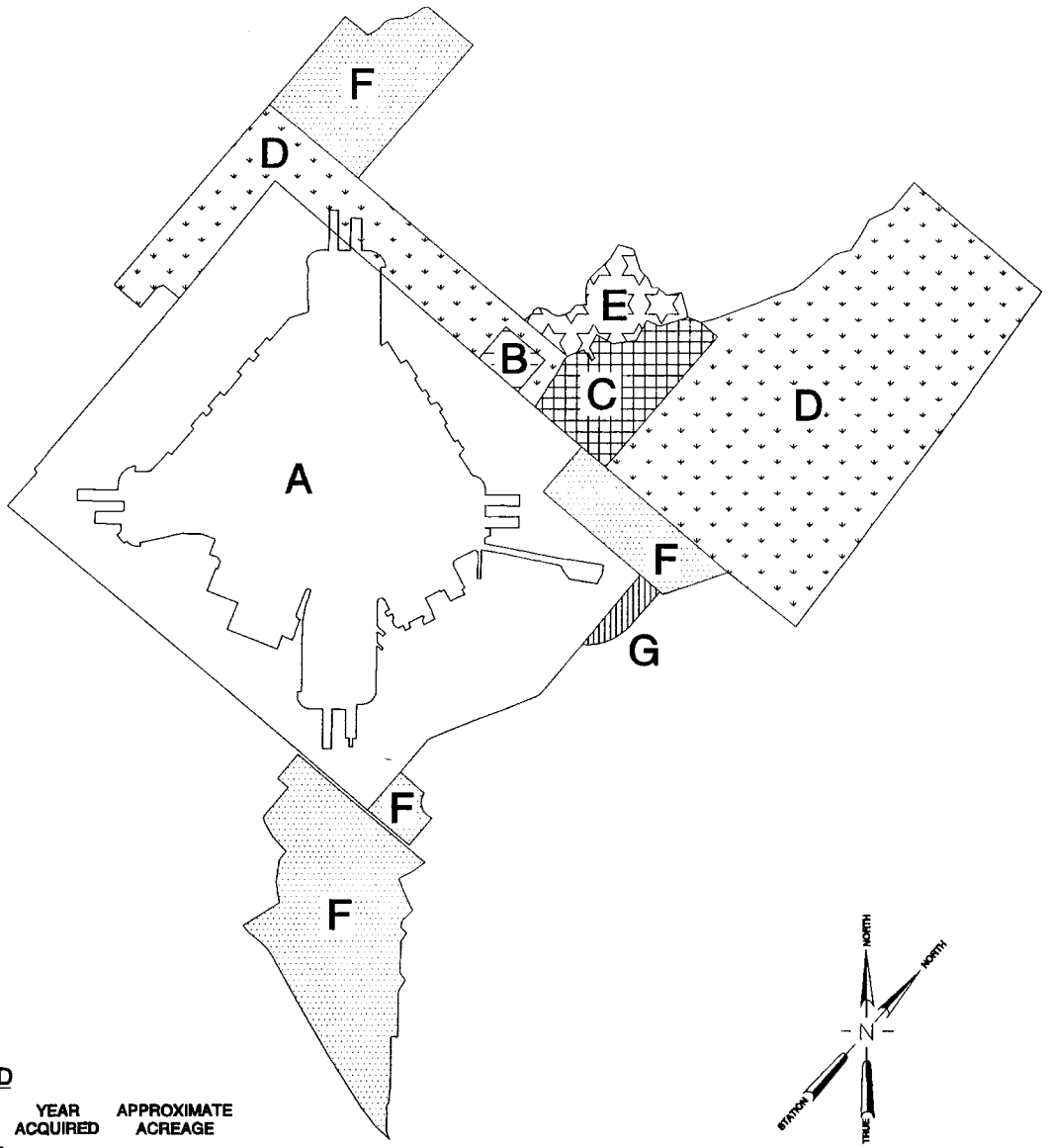

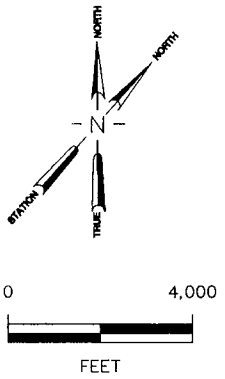

LEGEND

	YEAR ACQUIRED	APPROXIMATE ACREAGE
A	1942	2,319
B	1945	22
C	1952	161
D	1953	1,403
E	1972	67
F	1976	729
G	1986	18

Southwest Division
Naval Facilities Engineering Command

MCAS El Toro, CA

History of Land Acquisitions

File No.		Date
103P0238	Figure 1-4	3/1/98

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Chapter 2

Property Disposal and Reuse Plan

This chapter describes the status of, and strategy for, real property disposal efforts at MCAS El Toro and the relationship between these property disposal efforts and environmental cleanup efforts. This chapter also includes a discussion of the various property disposal methods under consideration for MCAS El Toro.

On 11 December 1996, the Orange County Board of Supervisors, as the officially recognized Local Redevelopment Authority (LRA) for MCAS El Toro, adopted the final MCAS El Toro Community Reuse Plan (CRP), approved the final Homeless Assistance Submission (HAS), and certified final Environmental Impact Report (EIR) No. 563 for the Reuse Plan (all prepared by P&D Consultants Team 1996). The final CRP and HAS were submitted to the Assistant Secretary of the Navy (ASN) and the U.S. Department of Housing and Urban Development (HUD) on 13 December 1996.

Approximately 67 percent of Station property is considered uncontaminated and is eligible for disposal under Community Environmental Response Facilitation Act (CERFA) provisions. Efforts guided by CERCLA and other relevant federal and local regulations are underway to increase the amount of land suitable for transfer. The current estimate of Station property suitable for transfer is approximately 85 percent of the Station area.

2.1 STATUS OF DISPOSAL PLANNING PROCESS

In March of 1994, the County of Orange (County), along with the cities of Irvine and Lake Forest formed a joint powers authority to develop a reuse plan for MCAS El Toro and undertook the first phase of this planning effort. On 31 January 1995, the County withdrew from the joint powers authority in response to Measure A, a countywide ballot initiative approved by County voters in November 1994. Measure A anticipates that the principal feature of a County-adopted reuse plan for MCAS El Toro should be a commercial airport serving a substantial portion of the County's demand for commercial passenger and air cargo service. Measure A also established the 13-member El Toro Airport Citizens Advisory Commission (CAC) to advise the Board of Supervisors and Orange County Planning Commission on base reuse.

In April 1995, the Office of Economic Adjustment (OEA) formally recognized the Orange County Board of Supervisors as the official LRA for MCAS El Toro. As the recognized LRA, the Board of Supervisors was given sole responsibility for preparing a CRP for submittal to the DoN.

Although invited and encouraged to participate in the LRA's reuse effort, a group of seven cities in southern Orange County remain opposed to the LRA's reuse planning structure, process, and adopted CRP. These nine cities formed the El Toro Reuse Planning Authority (ETRPA) as a joint powers authority created for the

purpose of developing its own redevelopment plan for submittal to the DoN. The OEA has indicated to ETRPA in writing that it will accept a redevelopment plan only from the County which is the officially recognized LRA and which is intended as the single point of contact on all base reuse matters.

The LRA prepared a draft CRP and EIR which included three reuse alternatives. The LRA conducted an analysis of these three alternatives and provided extensive opportunities for public participation and input. Reuse Alternative A—Commercial Passenger/Cargo Use (the proposed project)—provided for a full service commercial passenger and cargo airport and compatible non-aviation uses. Reuse Alternative B—Cargo/General Aviation Use—provided for a cargo and general aviation airport and compatible non-aviation uses. Reuse Alternative C—Non-aviation—provided for non-aviation uses including educational campus, visitor-oriented attractions, research and development, and other uses.

In August 1996, the LRA issued the draft MCAS El Toro CRP, draft HAS, and draft EIR for a 67-day public review and comment period. In the Fall of 1996, the Orange County Airport Commission, the El Toro Airport CAC, and the Orange County Planning Commission conducted public meetings/hearings and adopted recommendations to the Board of Supervisors on the draft CRP, HAS, and EIR.

On 11 December 1996, the Orange County Board of Supervisors adopted the final MCAS El Toro CRP (P&D Consultants Team 1996), which provides for future study of a full service commercial passenger and cargo airport and compatible non-aviation uses. The non-aviation uses include a 998-acre habitat reserve, an educational campus, a research and development/light industrial area, commercial office space, a multimodal transportation center, recreation area, golf course, public facility and institutional use area, and housing and various support services for the homeless. Figure 2-1a (Alternative A - El Toro Community Reuse Plan) illustrates the land uses included in the final CRP, and Table 2-1 (Community Reuse Plan Parcel Data Summary) summarizes the land uses by acre.

Disposal of MCAS El Toro land for reuse will be conducted in accordance with the Base Closure and Realignment Act of 1990 (BRAC III) as amended. As part of the BRAC process, the DoN conducted the required Department of Defense (DoD) and federal screening process of available property at MCAS El Toro. During this process, the following DoD and federal agencies submitted formal applications for MCAS El Toro property:

- Defense Commissary Agency;
- Department of the Air Force/California Air National Guard;
- Department of the Army/Army Reserve Command;

- Department of Interior–Habitat Reserve;
- Department of Interior–Land Exchange;
- Department of Justice/Federal Bureau of Prisons; and
- Federal Aviation Administration.

Immigration and Naturalization Service applications submitted by the Department of Interior for a land exchange and the Department of Justice/Federal Bureau of Prisons were subsequently withdrawn by the applicants. Six other applications by the DoD and federal agencies are pending.

The LRA provided its recommendations on each of these requests to the ASN in early 1995. The LRA recommended that requests by the Department of Interior for a habitat reserve, the Federal Aviation Administration and the California Air National Guard be approved. The LRA recommended that the remaining requests be denied. A surplus property determination is expected by the ASN in early 1998.

On 26 October 1994, President Clinton signed into law the Base Closure Community Redevelopment and Homeless Assistance Act of 1994. Implementing regulations for this Act were subsequently published by the DoD and U.S. Department of HUD in August 1995. This Act and implementing regulations significantly changed the process which was formerly the responsibility of the Military Department under the McKinney Act. Under the new requirements, responsibility for this screening process was assigned to the LRA.

In accordance with the Base Closure Community Redevelopment and Homeless Assistance Act, the LRA requested that MCAS El Toro be included under the provisions set forth by the Act. In the fall of 1995, the LRA conducted the state/local and homeless provider screening process in accordance with the Act and its implementing regulations.

The LRA's CRP reflects local needs as identified by the LRA and indicates the LRA's preference for the use of parcels available at MCAS El Toro. The CRP will generally be used as the guideline by DTSC for the proposed action when conducting the environmental analysis or Environmental Impact Statement (EIS) as required under the National Environmental Policy Act (NEPA).

The EIS and a disposal plan will be prepared by the Military Department no later than 12 months after receipt of the final CRP. The disposal plan will specifically address the methods for disposal of base property at the installation, including conveyances for homeless assistance, public benefit transfers, public sales, economic development conveyances, and other disposal methods. Parcel recipients and disposal methods cannot be finalized until a disposal and reuse Record of Decision (ROD) is issued.

Currently, one public highway expansion project has resulted in the transfer of MCAS El Toro property. This project is the Bake Parkway/Interstate 5 project. The County and DoN have entered into an agreement permitting transfer by quitclaim deed for the Bake Parkway Interstate 5 right-of-way at fair market value. This agreement was negotiated prior to the BRAC closure announcement.

As mandated by CERFA, a base-wide Environmental Baseline Survey (EBS) was completed in April 1995. One of the central objectives of the EBS was to evaluate the environmental condition of the property and to identify parcels that are potentially eligible for disposal under CERFA provisions. Information compiled in the final EBS and updated through the preparation of this BCP is reflected in the Environmental Condition of Property (ECP) map (Chapter 3).

The final MCAS El Toro EBS report (Jacobs Engineering 1995) was submitted to the DoN, U.S. EPA, and Cal-EPA on 01 April 1995. The final EBS report identified all DoD ECP type 1 areas as being uncontaminated under CERFA. ECP area type 1 land is property where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas). U.S. EPA concurred with the identification of ECP area type 1 properties as CERFA eligible. Cal-EPA agreed with the U.S. EPA decision.

Based on the results of recently completed investigations, some sites have been determined to be qualified as ECP area type 1. Through the final EBS and review of currently available information, approximately 3,136 acres of land have been designated as area type 1 and may be considered uncontaminated. Along with area type 1 property, land designated as ECP area types 2 through 4 is also environmentally eligible for transfer. Approximately 4,008 acres of Station (ECP 1-4) property are currently considered suitable for transfer. Section 3.4 defines all seven ECP area types and presents a discussion of these properties.

In addition to identifying CERFA-eligible parcels, information from the EBS will be used to support findings of suitability to transfer (FOSTs) and findings of suitability to lease (FOSLs). The regulatory agencies will be involved in the development of FOST and FOSL documentation.

Parcels, based on current land use, have been identified according to the existing Station land-use map presented in the MCAS El Toro Master Plan (MCAS El Toro 1991). For simplification of parcel boundaries and reduction of the number of parcels, similar land uses (e.g., housing and community support) were grouped in some instances. The parcel boundaries were also set up so that buildings are not split and the various locations of concern (LOCs) are typically contained within a single parcel.

As shown in Figure 2-1b (Current Land Use Parcels), the primary existing land use at the Station is the airfield operation (designated as parcels 5A through 5D).

2.2 RELATIONSHIP TO ENVIRONMENTAL PROGRAMS

MCAS El Toro property may be transferred to other federal agencies or nonfederal parties. Transfers of federal property to nonfederal parties are governed by CERCLA 120(h), as amended by CERFA in 1992. However, property transfers between federal agencies are exempt from covenants requiring environmental response action, CERCLA 120(h)(3)(b).

Federal property transfer to nonfederal parties is dependent on the environmental condition of the subject property. The DoN remains responsible for contaminated land and must conduct any necessary action to protect human health and the environment with respect to any hazardous substances or petroleum products that were present at the time of transfer. Remedial and removal actions must be selected and implemented before the property can be transferred to private parties, the state, or local government.

The property may be transferred by deed provided that the deed contains a covenant stating that remedial actions necessary to protect human health and the environment, with respect to any hazardous substances remaining on the property, have been taken before the date of transfer. CERFA amended CERCLA Section 120(h)(3) by clarifying that remedial action has been taken if the construction and installation of an approved remedial design have been completed, and the remedy has been demonstrated to be operating properly and successfully to the satisfaction of the U.S. EPA administrator. It further states that carrying out extended pump-and-treat or long-term operation and maintenance will not preclude the property transfer if the remedy has been demonstrated to be operating properly and successfully.

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 required for the property under federal and state laws, administrative decisions, agreements (including schedules and milestones), and concurrence. 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 U.S. EPA administrator, has prescribed implementing regulations.

CERFA mandates expeditious transfer of uncontaminated land at federal installations undergoing closure or realignment. DoD policy on CERFA implementation defines uncontaminated land as "any real property on which no

hazardous substances and no petroleum products or their derivatives, including aviation fuel and motor oil, were known to have been released or disposed."

The cleanup strategy for MCAS El Toro will incorporate the information from the environmental restoration program into the disposal and reuse process. A summary of the known locations of environmental concern identified within each reuse parcel is presented in Chapter 3.

2.3 PROPERTY DISPOSAL METHODS

A discussion of the various methods that will be considered for disposal of MCAS El Toro property is presented in the following subsections.

2.3.1 Federal Transfer of Property

As listed in Section 2.1, several federal agencies have submitted requests for MCAS El Toro property. To date, none of the requested land transfers has been approved by the ASN. Upon approval, the DoN can commence transfer proceedings of the subject property. Infrastructure support for these facilities will be the responsibility of the agencies receiving the property. It will be incumbent upon the receiving agency to negotiate with the LRA and utility service providers for services.

2.3.2 Public-Benefit Conveyance

The Public-Benefit Conveyance process is a screening for public benefit users normally based upon the uses proposed in the CRP. From 15 September through 30 November 1995, the LRA solicited and received applications for property from state and local governments, homeless agency providers, and other interested parties. The CRP identifies all parties that submitted a notice of interest for property at MCAS El Toro, along with the LRA's assessment of each applicant's compatibility with the three reuse alternatives. The CRP also shows the potential method of conveyance of property for those applicants, to include public-benefit discount conveyance. Eighteen requests for property by state and local agencies have been recommended by the LRA to be conveyed in support of the CRP.

Of the 18 requests for property, 16 are proposed for Public-Benefit Discount Conveyance.

The Military Department will notify applicable sponsoring federal agencies of property that may become available for public benefit conveyances. The interested sponsoring federal agencies will subsequently make recommendations to the Military Department on proposed users of the available property. The authority to transfer the property has been delegated to the military services from the Government Services Administration under 32 *Code of Federal Regulations* (CFR), Part 91.

2.3.3 Negotiated Sale

Properties not conveyed via the public-benefit conveyance method, or those not identified for economic-development conveyance to the LRA, will be disposed in accordance with established regulations. These properties may be purchased by public agencies through negotiated purchase based on fair market value. Depending on the environmental condition of the property, property acquired through negotiated purchase may be used or resold without deed restrictions. Negotiated sales permit the local reuse authority to control the ultimate disposal of MCAS El Toro property without the uncertainty of the public-bid process.

2.3.4 Widening of Public Highways

Currently, one public highway expansion project, the Bake Parkway/Interstate 5 intersection, is completed and will result in transfer of MCAS El Toro property. This intersection is located at the south end of MCAS El Toro at the edge of the southern flight corridor, within CERFA Parcel (CP)-16 as identified in the EBS. The County and the DoN have entered into an agreement permitting the transfer, by quitclaim deed, of the Bake Parkway/Interstate 5 right-of-way to Caltrans at fair market value.

2.3.5 Donated Property

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

2.3.6 Interim Leases

Operational closure of MCAS El Toro is not scheduled until July 1999. Numerous leases exist at the Station, as listed in Table 2-2 (Existing Legal Agreements/Interim Leases). Additional interim leases prior to operational closure of the Station will be considered on a case-by-case basis. No interim leases will be considered favorably if the result would impede current military operations. Certain interim leases prior to, or after, operational closure of MCAS El Toro may be appropriate and compatible with a CRP. Such leases will generally be with the LRA and help defray costs for the DoN.

2.3.7 Competitive Public Sales

If MCAS El Toro property is not transferred via the public conveyance or negotiated sales processes, the federal government may elect to dispose the property via a competitive public sale. These sales would be conducted in accordance with the established federal regulations and would use land-use designations provided by the reuse committee. This information would be included in the announcement of sale.

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Table 2-1
Community Reuse Plan Parcel Data Summary
(Sheet 1 of 4)

Parcel	Acres[1]	Priority	Parcel Description	Known Sites	Projected Transfer Date	Transfer Mechanism	Recipient
A1	124.0	TBD	Cargo	IRP-7, 24; 3 APHOs; 26 USTs; 1 AST; 7 TAAs; 8 PCB Ts; 18 RFAs; 12 OWSs; 1 Silver Recovery Unit	TBD	TBD	TBD
A2	53.0	TBD	Airport Support	IRP-9, 11, 24; 2 APHOs; 12 USTs; 2 ASTs; 6 PCB Ts; 3 RFAs; 2 OWSs;; 8 TAAs	TBD	TBD	TBD
A3	31.0	TBD	Airport Support	IRP-12; 4 USTs; 2 ASTs; 1 TAA; 1 RFA; 2 OWSs	TBD	TBD	TBD
A4	40.0	TBD	Cargo	IRP-21; 3 USTs; 2 ASTs; 1 TAA; 3 PCB Ts; 2 RFAs	TBD	TBD	TBD
A4a	7.0	TBD	St. Vincent De Paul	1 AST; 2 TAAs; 3 PCB Ts; 4 RFAs; 1 OWS	TBD	TBD	TBD
A4b	7.0	TBD	Salvation Army/Irvine Temp. Housing/Orange County Community Development Council	1 TAA; 4 RFAs	TBD	TBD	TBD
B1	114.0	TBD	Aviation Related Uses	IRP-6, 19; 1 APHO; 20 USTs; 12 TAAs; 9 PCB Ts; 9 RFAs; 5 OWSs	TBD	TBD	TBD
C1	81.0	TBD	Commercial Office	8 USTs; 1 AST; 8 PCB Ts; 2 RFAs	TBD	TBD	TBD
C1a	3.0	TBD	Marshburn Channel	None	TBD	TBD	TBD
C2	74.0	TBD	Commercial Office	18 USTs; 1 AST; 4 TAAs; 2 PCB Ts; 1 RFA; 3 OWSs; 2 Silver Recovery Units; 2 Former Elevated Water Reservoirs	TBD	TBD	TBD
C2a	3.0	TBD	Marshburn Channel	None	TBD	TBD	TBD
D1	79.0	TBD	Residential/Transitional Housing	None	TBD	TBD	TBD
D1a	27.0	TBD	Stables	None	TBD	TBD	TBD
D1b	31.0	TBD	Children's Center	14 USTs; 2 PCB Ts; 1 Possible Refuse Area Next to Family Housing	TBD	TBD	TBD
D1c	18.0	TBD	Residential	None	TBD	TBD	TBD
D2	127.0	TBD	Education Campus/Institutional	1 PCBT	TBD	TBD	TBD
D2a	6.0	TBD	Restricted Use	None	TBD	TBD	TBD
E1	991.0	TBD	Habitat Preserve	IRP-1, 2, 17; 1 APHO; 11 USTs; 1 PCB T; 2 RFAs	TBD	TBD	TBD

Table 2-1
Community Reuse Plan Parcel Data Summary
(Sheet 2 of 4)

Parcel	Acres[1]	Priority	Parcel Description	Known Sites	Projected Transfer Date	Transfer Mechanism	Recipient
E2	6.0	TBD	IRWD	None	TBD	TBD	TBD
E2a	11.0	TBD	Alton Parkway Extension Easement	None	TBD	TBD	TBD
E2b	13.0	TBD	Orange County Sheriff Agriculture	None	TBD	TBD	TBD
E2c	23.0	TBD	Habitat Reserve	None	TBD	TBD	TBD
F1	3.0	TBD	Parking	None	TBD	TBD	TBD
F2	8.0	TBD	Maintenance Yard (Restricted)	None	TBD	TBD	TBD
F3	28.0	TBD	R & D/L. I. & I	None	TBD	TBD	TBD
F4	33.0	TBD	R & D/L. I & I	None	TBD	TBD	TBD
F4a	47.0	TBD	Maintenance Yard	None	TBD	TBD	TBD
F5	48.0	TBD	R & D/L. I. & I	None	TBD	TBD	TBD
F6	151.0	TBD	Research & Development/Light Industrial & Institutional	None	TBD	TBD	TBD
F7	45.0	TBD	R & D/L. I. & I.	None	TBD	TBD	TBD
F8	7.0	TBD	R & D/L. I. & I	None	TBD	TBD	TBD
G1	50.0	TBD	Parking	None	TBD	TBD	TBD
G1a	2.5	TBD	Marshburn Channel	None	TBD	TBD	TBD
G1b	49.0	TBD	Parking	None	TBD	TBD	TBD
G2	15.0	TBD	Parking	None	TBD	TBD	TBD
G2a	1.5	TBD	Marshburn Channel	None	TBD	TBD	TBD
G2b	54.0	TBD	Regional Park	None	TBD	TBD	TBD
G2c	2.0	TBD	Regional Park	None	TBD	TBD	TBD
G3	30.0	TBD	Marshburn Retarding Basin	1 APHO	TBD	TBD	TBD
H1	269.0	TBD	Terminal Complex	IRP-13, 14, 16; 12 APHOs; 72 USTs; 1 AST; 11 TAAs; 3 PCB Ts; 5 RFAs; 4 OWSs; 1 Active Burn Pit Adjacent to IRP Site 16; 1 Inactive Burn Pit Adjacent to IRP Site 16	TBD	TBD	TBD

Table 2-1
Community Reuse Plan Parcel Data Summary
(Sheet 3 of 4)

Parcel	Acres[1]	Priority	Parcel Description	Known Sites	Projected Transfer Date	Transfer Mechanism	Recipient
H2	119.0	TBD	Parking	IRP-15, 20; 2 APHOs; 85 USTs; 1 AST; 8 TAAs; 46 PCB Ts; 7 RFAs; 6 OWSs	TBD	TBD	TBD
H3	21.0	TBD	Airport Support	4 USTs	TBD	TBD	TBD
I1	99.0	TBD	R & D/Light Industrial	IRP-4; 4 APHOs; 32 USTs; 1 AST; 8 TAAs; 8 PCB Ts; 6 RFAs; 6 OWSs	TBD	TBD	TBD
I2	139.0	TBD	R & D/L. I. & I.	IRP-3; 7 APHOs; 41 USTs; 2 PCB Ts; 2 RFAs; 1 OWS	TBD	TBD	TBD
I3	97.0	TBD	Recreation (Golf)	IRP-5; 1 RFA	TBD	TBD	TBD
J1	20.0	TBD	Cang	1 APHO; 3 USTs	TBD	TBD	TBD
J1a	3.0	TBD	Cang	None	TBD	TBD	TBD
J2	271.0	TBD	Recreation	5 APHOs; 1 AST; 2 TAAs; 3 PCB Ts; 7 RFAs; 1 OWS; 1 Pesticide Storage Area at Bldg. 1687; 1 Pesticide Storage Area at Bldg. 464; 1 Possible Refuse Area South of IRP Site 5; 1 Desert Storm Waste Storage Area Near DRMO.	TBD	TBD	TBD
J3	27.0	TBD	Orange County Sheriff Agriculture	None	TBD	TBD	TBD
J4	7.0	TBD	IRWD	2 APHOs; 4 USTs; 2 ASTs; 5 TAAs; 10 RFAs; 2 OWSs; 1 RCRA Storage Facility Bldg. 673	TBD	TBD	TBD
J4a	2.0	TBD	IRWD (Restricted)	1 APHO	TBD	TBD	TBD
J5	2.0	TBD	ASR	2 USTs	TBD	TBD	TBD
K	912.0	TBD	Airfield	5 APHOs; 5 USTs; 1 AST; 5 TAAs; 1 PCB T; 3 RFAs; 1 OWS	TBD	TBD	TBD
L1	3.0	TBD	R & D/L. I. & I	None	TBD	TBD	TBD
L2	15.0	TBD	Restricted Use	None	TBD	TBD	TBD
L3	26.0	TBD	Restricted Use	None	TBD	TBD	TBD
L3a	10.0	TBD	California Department of Education (Restricted)	None	TBD	TBD	TBD
L4	4.0	TBD	Family Resource Center	None	TBD	TBD	TBD

Table 2-1
Community Reuse Plan Parcel Data Summary
(Sheet 4 of 4)

Parcel	Acres[1]	Priority	Parcel Description	Known Sites	Projected Transfer Date	Transfer Mechanism	Recipient
L5	11.0	TBD	California Department of Education	None	TBD	TBD	TBD
M	16.0	TBD	Transportation Center	IRP-8; 6 USTs; 4 OWSs	TBD	TBD	TBD
N	52.0	TBD	Restricted Use	1 UST	TBD	TBD	TBD
O	48.0	TBD	Restricted Use	None	TBD	TBD	TBD
P	2.0	TBD	Restricted Use	None	TBD	TBD	TBD
Q	60.0	TBD	Aviation Related	1 APHO; 20 USTs; 4 PCB Ts; 4 RFAs; 2 OWSs;	TBD	TBD	TBD
R	22.0	TBD	Office & Conference Center	2 APHOs; 7 USTs; 2 ASTs; 7 TAAs; 10 PCB Ts; 7 RFAs; 2 OWSs	TBD	TBD	TBD
S	7.0	TBD	Restricted Use	None	TBD	TBD	TBD

Notes: [1] Acre estimates unchanged from 1996 BCP, changes not calculated into this document.
[2] Site 24 (possible volatile organic compound source area) traverses three parcels (4A, 4B, and 5A)

Abbreviations:
EOD – explosive ordnance disposal
IRP – Installation Restoration Program
TBD – to be determined
APHO - aerial photograph
UST - underground storage tank
AST - aboveground storage tank
TAA - temporary accumulation area
PCBT - PCB transformer
RFA - RCRA (Resource Conservation and Recovery Act) Facility Assessment
OWS - oil/water separator

Table 2-2
Existing Legal Agreements/Interim Leases
(Sheet 1 of 3)

Title of Interim Lease/ Legal Agreement	Building No./Areas	Date of Agreement	Parcel	Type of Outgrant
Alton Business Association	Landscaping & Maintenance Contract No. N6871192RP02Q18	MOD to 30 Jun 1999.	J5	License
Bordiers Nursery	Agricultural Lease/205.52 Acres Contract No. N6871103RP02021	Renewed month to month rental.	G1, G1b, G2b, G2c	Agricultural Lease
Boy Scouts	Scout Activities/Bldg. 38 Contract No. N6871192RP02Q25	MOD to 31 Jul 1999.	H1	License
El Toro Marine Corps Federal Credit Union	Credit Union/0.91 Acres Bldg. 743 Contract No. N6071193RP03P21	Expires 30 April 1997 MOD to 30 Jun 1999.	C2	Lease
FAA	Moving Target Indicator/Runway 7R-25L Contract No. N6871190RP00P87	MOD to 30 Jun 99.	S	License
The Irvine Company	Easement/1.32 acres Contract No. N6247479RP00P91	1979 onward. No expiration date. Perpetuity.	L2	Agreement
The Irvine Company	Storm Drain/0.09 Acres Contract No. N6247479RP00P92	1979 onward. Perpetual Easement	D2	Easement
The Irvine Company	Underground Electrical Line 0.52 Acres Contract No. N6247479RP00P93	1979 onward. Perpetual Easement	D2	Easement
The Irvine Company	Irrigation Water Pipeline 2.06 Acres Contract No. N6247479RP00P95	1979 onward. Perpetual Easement	D2	Easement
The Irvine Company	Construct Slopes/1.32 Acres Contract No. N6247479RP00P96	1979 onward. Perpetual Easement	D2	Easement
The Irvine Company	Easement/86.44 Acres	1983 to Indefinite	NA	Easement
Irvine Ranch Water District	Water Transmission Line Contract No. NP (R) - 32778	Perpetual Easement	NA	Easement
Irvine Ranch Water District	For Reservoir Contract No. N6871192RP02P82	17 April 1993 Expire 30 Jun 1999.	NA	License
Irvine Ranch Water District	Enlarge Flow Control Facility Contract No. N6247481RP00P20	25 February 1993 Perpetuity.	E2	Easement
Irvine Ranch Water District	Water Pipeline/0.20 Acres Contract No. N6247479RP09025	1979 onward. Perpetual Easement	NA	Easement

Table 2-2
Existing Legal Agreements/Interim Leases
(Sheet 2 of 3)

Title of Interim Lease/ Legal Agreement	Building No./Areas	Date of Agreement	Parcel	Type of Outgrant
Irvine Ranch Water District	Water Transmission Line Contract No. NF(R) 1483	NA	NA	Lease
Los Alisos & El Toro Water Districts	Water Transmission Main 3.78 Acres Contract No. NOY (R) - 59550	Permanent Easement	NA	Easement
Magarro Farms	Agricultural Lease/421 Acres Contract No. N6247489RP00Q14	1989 to Unknown Expire 31 Jul 1997.	F6	Agricultural Lease
Orange County	Right of Way	1987 to Indefinite	NA	Easement
Orange County	Easement - Irvine Blvd. Contract No. N6247488RP00T05	1988 to Indefinite Perpetuity.	NA	Easement
Orange County	Interim Road/3.06 Acres Contract No. NOY (R) - 56107	Temporary	NA	Easement
Orange County	Water Pipeline/0.34 Acres Contract No. NOY (R) - 69386	Permanent Easement	NA	Easement
Orange County	Road - Irvine Blvd. Contract No. N6871192RP00P19	NA	NA	Easement
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 Contract No. N6247479RP00P94	1979 onward. Perpetual Easement	NA	Easement
Orange County Water District	Water Pipeline/8.89 Acres Contract No. N6247481RP00P20	1981 onward. Perpetual Easement	J2	Easement
Pacific Tel.	Underground Telephone Line 0.19 Acres NOY (R) - 64721	Expires 13 June 2013	NA	Easement
SD Pipeline Co.	Petrol Transmission Pipeline Contract No. NOY (R) - 67877	Expires 29 Mar 2013	NA	Easement
Sea Tree Nurseries	Access & Storage Contract No. N6247489RP00Q15	1989 to Unknown No longer on El Toro.	H3	License

Table 2-2
Existing Legal Agreements/Interim Leases
(Sheet 3 of 3)

Title of Interim Lease/ Legal Agreement	Building No./Areas	Date of Agreement	Parcel	Type of Outgrant
SCE	Water Pipeline/0.01 Acres Contract No. N6247482RP00P09	1982 to 15 October 2025	H2	Easement
SCE	Electrical Dist. Contract No. N6247482RP00Q60	1982 to 11 June 2032	NA	Easement
SCE	Relocate Utility Contract No. NOY (R) - 65723	Indefinite Agreement	NA	Agreement
Southern California Gas Company	Gas Pipeline/0.11 Acres Contract No. NOY (R) - 62897	Expires 27 June 2012	NA	Easement
Young Marine Organization	Space for Weekend Use Contract No. N6871192RP02Q23	30 June 1992 to 30 June 1995	NA	License

Sources: MCAS El Toro Outgrant & Ingrant Listing as of 30 September 1991
MCAS El Toro Installations Department Database Records, 06 January 1994
SWDIV Real Estate Department, 11, January 1998

Abbreviations: FAA – Federal Aviation Administration
NA – not available
SCE – Southern California Edison
AT&SF - Atchinson, Topeka, and Santa Fe Railroad
O&M - Operation and Maintenance

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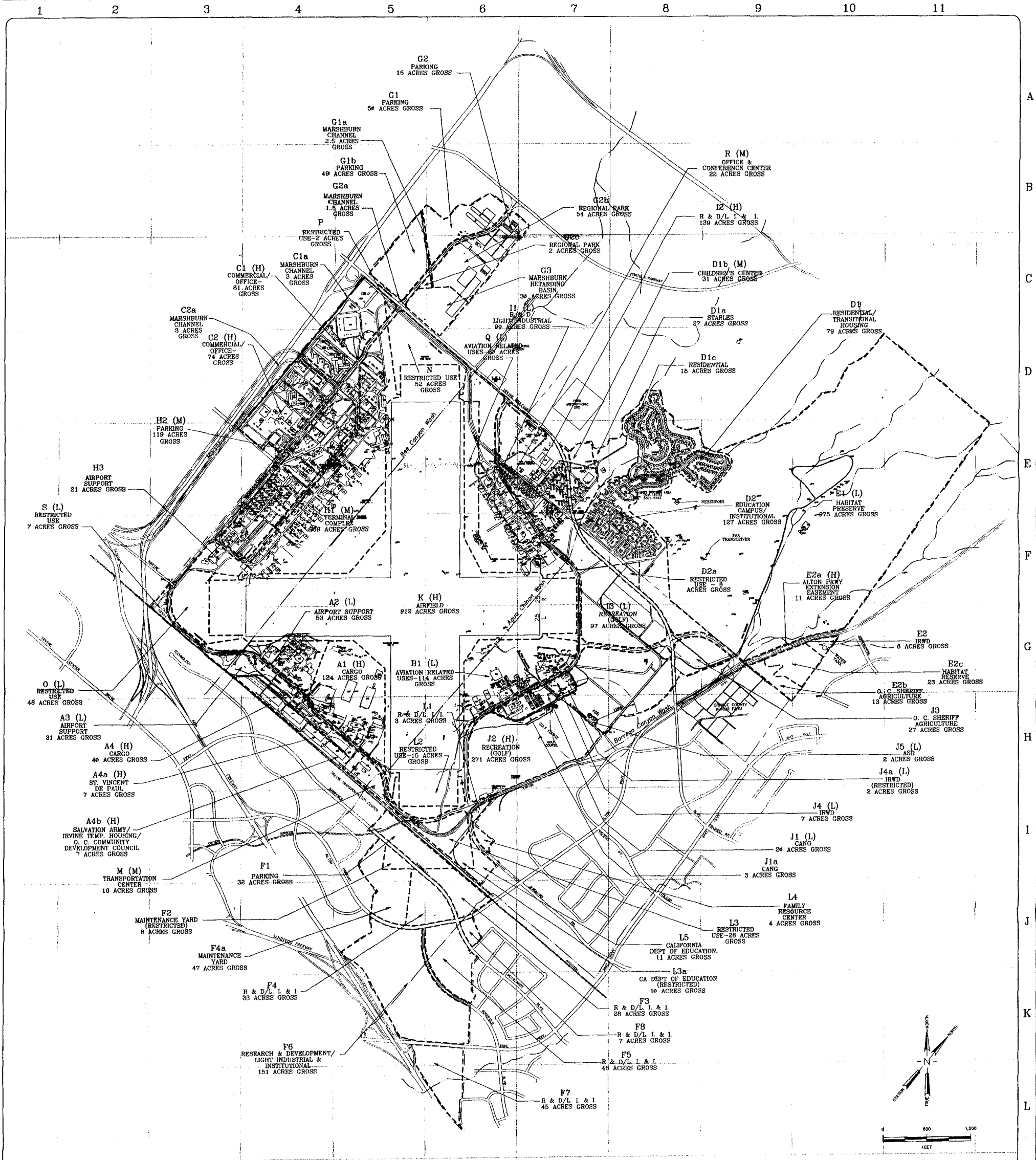

LEGEND

- BUILDING OR PAD
- ROADS
- AIRFIELD
- WASH OR STREAM
- PARCEL BOUNDARY
- MCAS EL TORO BOUNDARY

ABBREVIATIONS

H – HIGH PRIORITY
M – MEDIUM PRIORITY
L – LOW PRIORITY

Southwest Division *Naval Facilities Engineering Command*		
MCAS El Toro, CA		
Alternative A: El Toro Community Reuse Plan		
File No. FIG_2-1a	**Figure 2-1a**	Date MARCH 1996

PAGE NO. 2-18

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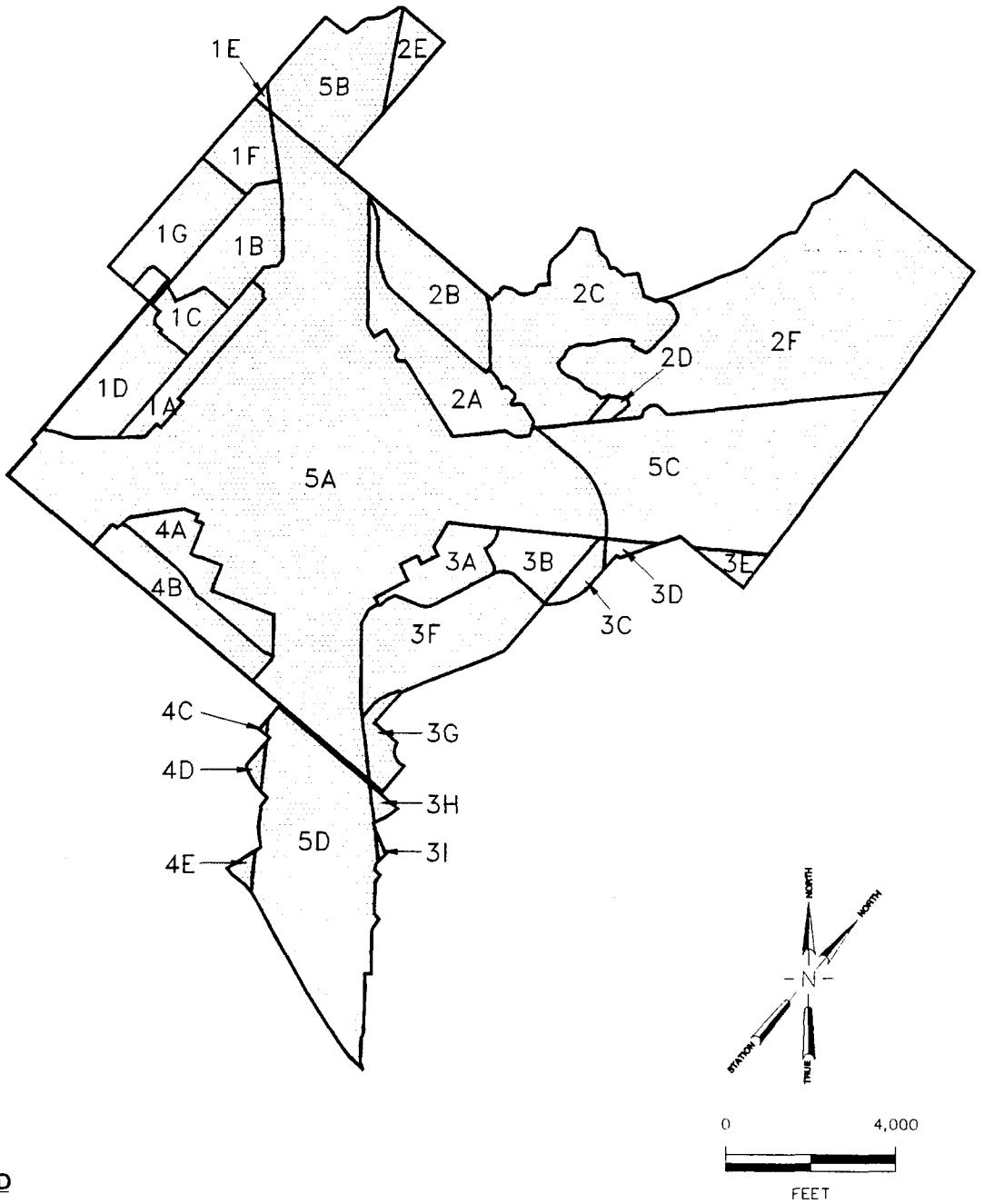

LEGEND

4E PARCEL IDENTIFIER: NUMBER REPRESENTS THE ZONE NUMBER WITHIN WHICH THE PARCEL IS LOCATED

MCAS EL TORO BOUNDARY

PARCEL BOUNDARY

Southwest Division Naval Facilities Engineering Command		
MCAS El Toro, CA		
Current Land Use Parcels		
File No.	Figure 2-1b	Date
103P0239		3/1/98

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Chapter 3

Installation-wide Environmental Program Status

This chapter 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. This chapter also summarizes the natural and cultural resources at the Station, the seven ECP area types, and the status of community involvement.

As part of the environmental restoration and compliance activities at the Station, 886 LOCs have been identified. These LOCs fall into the following categories:

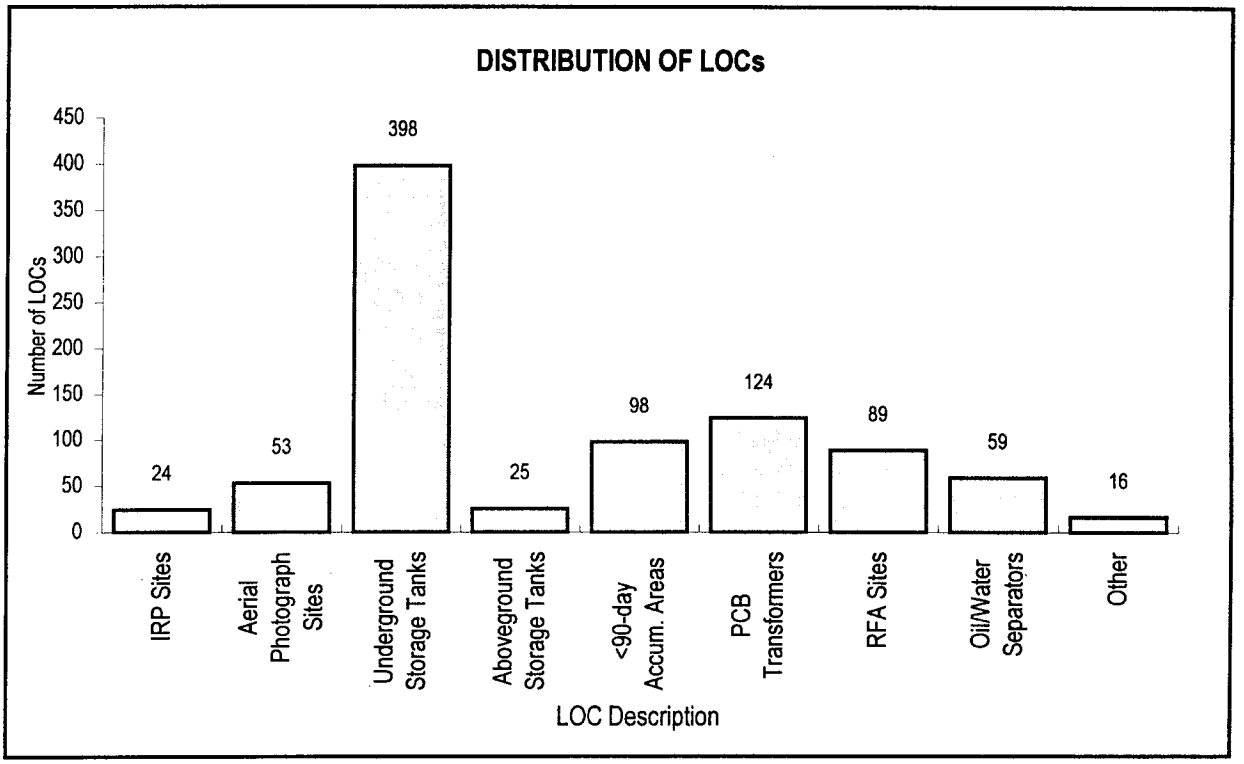
- IRP sites;
- sites identified by aerial photographs;
- underground storage tanks (USTs);
- aboveground storage tanks (ASTs);
- less-than-90-day accumulation areas;
- polychlorinated biphenyl (PCB) transformers;
- PCB storage areas;
- Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) sites;
- OWSs;
- buildings;
- burn pits;
- pesticide storage areas; and
- silver recovery units.

Exhibit 3-1 shows the distribution of LOCs at the Station. The locations of LOCs are presented in Figures 3-3 through 3-7. Figure 3-3 shows the northwest quadrant of the Station; Figure 3-4 shows the northeast quadrant of the Station; Figure 3-5 shows the southeast quadrant of the Station; and Figure 3-6 shows the southwest quadrant of the Station. The number of RFA sites in Exhibit 3-1 does not include those LOCs that have been designated as both a particular type of LOC mentioned above and as a solid waste management unit (SWMU)/area of concern (AOC) (i.e., a UST or OWS that has been designated as an SWMU/AOC). Similarly, there are two additional PCB storage areas (for a total of four) that have been identified as other types of LOCs and are not listed as PCB

storage areas. Table 3-1a (Site Summary) summarize the LOCs that have been identified at the Station and Table 3-1b (Site Summary by New Parcels) presents the breakdown of LOCs into New Parcels from the Alternative A-El Toro Community Reuse Plan.

Of the 24 IRP sites managed under the FFA, 11 have successfully been eliminated from the IRP in a 1997 No Action Record of Decision (ROD) and 13 IRP sites continue to advance through the CERCLA process. These sites are grouped into three main operable units (OUs): OU-1 (regional groundwater), OU-2 (potential sources of groundwater contamination), and OU-3 (potential surface soil contamination). Operable units are an organizational way to assist the management of IRP sites expected to have similar characteristics, such as site conditions, chemicals of concern, media (i.e., groundwater, surface water, soils) to be investigated or schedule priority. Detailed descriptions and status of each of the OUs are discussed in Section 3.1.

Exhibit 3-1



Source: Table 3-1a

In addition, investigations are currently ongoing for sites associated with compliance programs, including storage tanks, hazardous materials and waste management, solid waste management, PCBs, asbestos, RCRA facilities, National Pollution Discharge Elimination System (NPDES) permits, Regional Clean Air Initiatives Market (RECLAIM) permits, OWSs, silver-recovery units, and lead-based paints (LPBs). These compliance programs are in various stages of operation and closure, and are detailed in Section 3.2.

Furthermore, this chapter addresses the status of natural and cultural resources including threatened and endangered species, wetlands, surface waters, floodplains, archaeological resources, historic structures, and paleontological resources (Section 3.3).

Real property at MCAS El Toro is assigned one of seven DoD ECP area types, which identify the environmental condition of the property. According to the BCP Guidebook, area types 1 through 4 are designated as environmentally suitable for transfer by deed, and area types 5 through 7 are unsuitable for transfer by deed. The area-type designations will aid in determining the suitability of Station property transfer. These ECP area types are further detailed in Section 3.4.

This chapter also addresses community relations activities at MCAS El Toro (Section 3.5). Key components of the DoN community relations activities associated with IRP and RCRA activities include Restoration Advisory Board (RAB) meetings, fact sheets, site tours, workshops, and press releases as required by regulations and as needed by the local community. The community relations program is designed to be flexible to address changing site conditions and community concerns. The DoN has taken a proactive approach to community relations activities and continues to be open and responsive to the community during the Station restoration activities.

3.1 ENVIRONMENTAL PROGRAM STATUS

The following subsections provide a description and the status of IRP activities at MCAS El Toro.

3.1.1 Restoration Sites

In June 1988, the U.S. EPA recommended listing MCAS El Toro on the National Priorities List (NPL) 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 listed on the NPL in February 1990.

In October 1990, U.S. EPA, DTSC, the California Regional Water Quality Control Board (RWQCB) Santa Ana Region, and the DoN signed an FFA to conduct an RI/FS for MCAS El Toro following the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and U.S. EPA guidance.

Under the FFA, the DoN is the lead agency; U.S. EPA and Cal-EPA, including both the DTSC and the RWQCB Santa Ana Region, perform oversight.

Under the IRP, the investigations at MCAS El Toro are performed in two phases. 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 RFA performed at the Station. In the RFA, the sewer lines were recommended for no further action with regulatory concurrence. The sewer lines

are located within the area of Site 24 (VOC Source Area), which encompasses most of the southwest quadrant of the Station. This area was evaluated during a soil gas survey in mid-1994 (Phase I) and was further evaluated during the Phase II RI.

The final Work Plan for the Phase II RI was submitted in July 1995 (BNI 1995). Two new sites, Sites 24 and 25 (Major Drainages), were established for investigation in Phase II. Because Site 23 is excluded from the IRP, the total number of IRP sites investigated has been 24. Table 3-1a includes a summary and description of each of the 24 IRP sites. The site locations are depicted in Figure 3-1 (Sites, Zones, and OUs Currently Under Investigation). The locations and extent of the IRP sites are shown in Figure 3-1. Figure 3-1 also shows the location and extent of three groundwater contamination plumes that are or may be associated with the IRP sites. These groundwater contaminant plumes include:

- main chlorinated VOC plume in the southwest quadrant (Sites 18 and 24);
- chlorinated VOC plume at Site 2; and
- chlorinated VOC plume at Site 16.

The plumes shown in Figure 3-1 represent contaminant concentrations contoured to the respective U.S. EPA maximum contaminant levels (MCLs) and/or analytical detection limits. Plume boundaries are based on 1997 groundwater quality monitoring.

The remaining IRP sites are grouped into three OUs. The OU definitions and remaining individual IRP site groupings are described below.

- OU-1 addresses on- and off-Station groundwater that is contaminated with constituents that have migrated from sources at MCAS El Toro into the regional groundwater system not addressed under any other IRP site. OU-1 consists of Site 18.
- OU-2 consists of potential source areas of groundwater contamination. OU-2 has been subdivided into three units (OU-2A, OU-2B, and OU-2C) by the BCT as follows for funding and prioritization reasons:
  - OU-2A addresses the source of the regional VOC groundwater plume emanating from the southwest portion of the Station, Site 24 (VOC Source Areas).
  - OU-2B addresses two of the inactive Station landfills, Site 2 (Magazine Road Landfill) and Site 17 (Communication Station Landfill) that are located in the natural habitat portion of the Station.

- OU-2C includes two additional inactive former Station landfills, Site 3 (Original Landfill) and Site 5 (Perimeter Road Landfill) that are located within the operational portion of the Station.

- OU-3 consists of 7 IRP sites that still require further action and are not addressed in OU-1 and OU-2. Ten of the original 17 OU-3 sites have been eliminated from the CERCLA program in a No Action Record of Decision signed by all signatories of the FFA in September 1997. These remaining 7 sites focus primarily on potential shallow soils and do not necessarily relate to contamination in groundwater; except Site 16.

  Site 1 (Explosive Ordnance Disposal [EOD] Range);

  Site 7 (Drop Tank Drainage Area No. 2);

  Site 8 (Defense Reutilization and Marketing Office [DRMO] Storage Yard);

  Site 11 (Transformer Storage Area);

  Site 12 (Sludge-Drying Beds);

  Site 14 (Battery Acid Disposal Area); and

  Site 16 (Crash Crew Pit No. 2).

  - Portions of the following three IRP sites were formerly part of OU-3, and have been withdrawn from the IRP via the CERCLA petroleum exclusion and have been closed under El Toro's Petroleum Corrective Action Program managed with RWQCB oversight with the exception of Unit 4 of Site 19 which will be closed in conjunction with the fuel supply pipelines (Reference Section 3.2.1.3):

    Site 15, Unit 1;

    Site 19, Units 1 and 4; and

    Site 20, Units 2 and 3.

As new data becomes available, the OU definitions may be reevaluated and refined. The OU definitions can be modified at any time by agreement among the parties to the FFA.

There are six environmental sites that are of the highest priority for restoration at MCAS El Toro: Sites 18, 24, 2, 17, 3, and 5 (OU-1, -2A, -2B, and -2C). Below is a description of the contaminants, risks, and possible remedial strategies for each of these six sites, as presented in respective RI, FS, and ROD documents.

- **Site 18** regional groundwater contamination. Elevated concentrations of VOCs exist in shallow and deeper aquifers that extend up to 3 miles off-Station. Risks include exposure to the general public through the use of groundwater from the affected area of this beneficial use groundwater basin. Possible remedial action objectives consist of removal and treatment of groundwater to prevent further migration of higher concentrations of VOCs from the on-Station source area. MCAS El Toro and OCWD are working toward an agreement in support of a multipurpose VOC remediation and water supply (OCWD) project (El Toro).

- **Site 24** vadose zone and shallow groundwater contamination. Elevated concentrations of VOCs exist in shallow soil to the water table and into shallow groundwater beneath the Site 24 area. An estimated lifetime cancer risk factor of 2.2×10^{-8} for soil and 2.0×10^{-3} for groundwater (U.S. EPA residential adult scenario) were calculated for exposure to the general public through the migration of contamination to the beneficial use aquifer. A possible remedial alternative consists of a combination of soil vapor extraction enhanced by groundwater pumping to prevent further migration of higher concentrations of VOCs from the source area into the beneficial use aquifer.

- **Site 2** inactive military landfill, inert and municipal solid waste, various industrial waste, and scrap metal. The contaminants of concern include metals in soil and VOCs in groundwater. Estimated lifetime cancer risk factors of 9×10^{-6} for soil and 5.7×10^{-4} for groundwater (Cal-EPA recreational child scenario) were calculated for exposure to the general public. A possible remedial action may consist of constructing a monolithic soil cap with groundwater monitoring and institutional controls.

- **Site 17** inactive military landfill, cooking grease, fuel oil, and municipal waste including scrap metal. The contaminants of concern include metals in soil and VOCs in groundwater. Estimated lifetime cancer risk factors of 1.4×10^{-5} for soil and 7.1×10^{-4} for groundwater (Cal-EPA recreational child scenario) were calculated for exposure to the general public. A possible remedial action may consist of constructing a monolithic soil cap with groundwater monitoring and institutional controls.

- **Site 3** inactive military landfill, municipal solid waste, various waste including scrap metal. The contaminants of concern include metals in soil and VOCs in groundwater. Estimated lifetime cancer risk factors of 5.6×10^{-7} for soil and 2×10^{-4} for groundwater (Cal-EPA industrial worker scenario) were calculated for exposure to the general public. A possible remedial action may consist of constructing a monolithic soil cap with monitoring groundwater and institutional controls.

- **Site 5** inactive military landfill, cooking grease, fuel oil, and municipal waste including scrap metal. The contaminants of concern include metals in soil and VOCs in groundwater. Estimated lifetime cancer risk factors of 1.4×10^{-5} for soil and 7.1×10^{-4} for groundwater (Cal-EPA recreational child scenario) were calculated for exposure to the general public. A possible remedial action may consist of constructing a monolithic soil cap with groundwater monitoring and institutional controls.

Schedules for investigation and remediation of all the IRP sites at MCAS El Toro are specified in the FFA. A summary of the current FFA schedules for the OUs is presented below (detailed schedules for the OUs are provided in Chapter 5 of this report).

- The final Interim RI/FS Report for OU-1 was submitted on 09 August 1996. It consists of five reports: the Interim RI Report, the Human-Health Risk Assessment, the Interim Action Feasibility Study (IAFS), the Interim RI Report Addendum, and the IAFS Addendum. A re-draft Proposed Plan is planned for development in 1998, and the draft ROD for OU-1 is scheduled for early 1999.

- For OU-2A, OU-2B, and OU-2C, the final Phase II RI/FS Work Plan was submitted in July 1995. RI fieldwork for all OU-2 sites began in mid-1995, and was completed in January 1996 for OU-2A, and in February 1996 for OU-2B and -2C.

  - OU-2A: The draft final Phase II RI Report for Site 24 was submitted on 12 June 1996 and has been approved by U.S. EPA and Cal-EPA. The draft final Phase II FS Report (vadose zone) was submitted in March 1997. Regulatory agencies have approved the draft final FS. The draft Proposed Plan for the vadose zone was completed in March 1997. The draft Phase II RI Report for Site 25 (Major Drainages) was submitted to regulatory agencies for comments in January 1997. The RI report recommended No Further Action. Site 25 was included in the No Action ROD signed in September 1997 by the FFA signatories. The Interim ROD for Site 24 vadose zone was also

signed in September 1997. The draft ROD for OU-2A (Site 24 groundwater) is scheduled to be submitted in early 1999.

- OU-2B: The draft final Phase II RI and draft FS Reports were both submitted on 06 September 1996. The draft final RI and FS have been approved by U.S. EPA and Cal-EPA. The draft Proposed Plan was submitted to the regulatory agencies in September 1997. The draft ROD is scheduled for a June 1998 submittal.

- OU-2C: The draft final Phase II RI and draft FS Reports were both submitted on 04 October 1996. The draft final RI has been approved by U.S. EPA and Cal-EPA. The draft Proposed Plan was submitted to the regulatory agencies in September 1998. The draft ROD is scheduled for a June 1998 submittal.

- For OU-3, the final Phase II RI/FS Work Plan was completed in July 1995, and fieldwork was completed by June 1996.

  - OU-3 (Sites 4, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 21, and 22): The draft Phase II RI Report was submitted on 20 November 1996. The RI recommended Sites 4, 6, 9, 10, 13, 15, 19, 20, 21, and 22 for No Further Action; these ten sites were included in a No Action ROD (along with Site 25) that was signed by the FFA signatories in September 1997, thus eliminating them from the CERCLA program. The draft FS for Sites 8, 11, and 12 was submitted to the agencies in July 1997 for comment. The draft Proposed Plan and the draft ROD for these three sites are scheduled for April and December 1998, respectively.

    OU-3 (Sites 1, 7, 14, and 16): The portions of Sites 7 and 14 that remain in the CERCLA program will be addressed in an RI in 1998, followed by an FS report that will include Site 16. Site 1 formal closure activities will begin once the training range is operationally closed in July 1999.

To date, several early action processes have been initiated for the IRP sites (Table 3-3 [Early Action Status]). A brief description of the early actions is provided below.

- Removal actions at Site 2 and Site 17 were proposed by USMC in October 1996. The public review and comment period for these removal actions was from 10 October through 10 November 1996. The removal actions, which were completed in 1997, included the construction of security fencing to restrict access to the landfill sites, the construction of erosion protection structures to abate the erosion

of landfill materials by surface runoff, and the relocation of previously eroded landfill debris to central locations within each landfill site. These removal actions were interim measures intended to protect human health and the environment until the final remedies are implemented at each site.

- An Action Memorandum for Site 19, Unit 2 was completed by USMC in October, 1996. The public review and comment period for these removal actions was from 10 October through 10 November 1996. The action, which was completed in 1997, involved backfilling and covering soil contaminated with PCBs located in a large pit with a 10-foot-deep layer of clean soil. This action met the U.S. EPA remedy requirements for PCB-contaminated soil.

- Extended soil vapor extraction (SVE) pilot tests were conducted at Site 24 through 1997 at wells 24SVE1, 24SVE3, 24SVE9, and 24SVE10. Each pilot test was conducted for approximately eight weeks.

- A groundwater remediation pilot testing program was started during June 1997 at Site 24. The purpose of this testing program is to compare and evaluate the effectiveness of groundwater extraction, SVE-enhanced groundwater extraction and groundwater injection during remediation of VOCs in groundwater. The testing program will also provide additional data to assist in the design of a remedial alternative capable of 1) minimizing the migration of VOCs within the shallow groundwater unit and 2) minimizing the migration of VOCs from the shallow groundwater unit to the principle aquifer.

Table 3-3 will be revised in updates of this BCP as early actions for IRP sites are implemented and/or completed.

3.1.2 Installation-wide Source Discovery and Assessment Status

An EBS for MCAS El Toro was completed on 01 April 1995. One of the main objectives of the EBS was to evaluate the ECP at the Station to facilitate property disposal. Information from this study related to source discovery and assessment are detailed below.

3.1.2.1 Aerial Photograph Features/Anomalies

In 1991 and 1993, surveys of historical aerial photographs of MCAS El Toro were performed by the U.S. EPA and Science Applications International Corporation (SAIC) (SAIC 1993), respectively. 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

which took into account hundreds of anomalies initially identified by the U.S. EPA report. The features/anomalies that related to IRP sites were evaluated and incorporated, as appropriate, in the Phase II RI Work Plan. As part of the EBS, the remaining aerial photograph features/anomalies were further evaluated. The final EBS Report identified a total of 53 features/anomalies requiring more detailed assessment. These 53 features/anomalies are described in Table 3-2 and shown in Figure 3-1. The more detailed assessment of these features/anomalies was initiated by the DoN in 1997. Physical sampling in some of the areas of consolidated anomalies is anticipated in 1998.

3.1.2.2 Features of Potential Environmental Concern Identified in Personnel Interviews

Interviews with current and former MCAS El Toro personnel were conducted on 3 April 1991, in early 1994 and on 26 May 1994. The interviewees included Station personnel, from planning and estimating, fuel operations, facility management department, resident officer in charge of construction, the production division, staff from SWDIV, the CLEAN I contractor, Cal-EPA representatives, and the U.S. EPA consultant. The purpose of these interviews was to obtain additional information regarding past hazardous substance management practices, activities, and potential releases at the Station from the persons who would have a strong knowledge of Station operations and the station's procedures for storage/disposal of hazardous materials and waste. As a result of the interviews, the following two additional features of potential environmental concern were identified. These LOC Sites MSCW1 and MSCW2 are not considered closed sites. An investigation will be conducted in 1998.

- A possible refuse area was identified near Station family housing. During grading activities for housing construction in the early 1980s, the area located between Building 722, Connor Avenue, and Chosen Drive was filled with general construction refuse to stop water from collecting. Hazardous wastes are not believed to have been disposed in this fill area. Additional evaluation of this area will be performed in 1998.

- An additional landfilling area identified south of the former Perimeter Road Landfill was found to coincide with IRP Site 5, the Perimeter Road Landfill. This additional area has been included as part of IRP Site 5 CERCLA investigations under OU-2C.

These locations of potential environmental concern are shown in Figure 3-1.

During preparation of the draft EBS Report, a former Station employee reported that mercury leaks occurred at the two elevated water towers formerly located in the northwest portion of the Station. The former locations of these towers are shown in Figure 3-1. The towers had mercury water-level gauges near the ground surface. According to the former Station employee, these gauges leaked small quantities of

mercury onto the unpaved ground surface at the base of the towers. These towers were constructed in 1943 (Building 222, east tower) and 1953 (Building 373, west tower); they were demolished in 1992. There were no reported mercury leaks associated with the removal of the towers.

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). Closure-related compliance projects and early actions related to compliance are summarized in Tables 3-5 (Closure-Related Compliance Projects) and 3-6 (Compliance Early Action Status), respectively.

3.2.1 Storage Tanks

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

3.2.1.1 Underground Storage Tanks

There are a total of 398 USTs at MCAS El Toro. This total includes 53 active, 22 inactive, 318 removed, and 5 abandoned tanks. Of the removed and abandoned tanks, the Station has received letters confirming regulatory closure on 262 of them, including all of Tank Farms 1, 3, 4, and 5. These totals are continuously modified to reflect the most current information. The overall total of 398 tanks differs slightly from previous BCPs. The changes reflect deletions from the list as Station staff discover duplicate listings or "phantom tanks" that never existed but were added to the tank list in error. Likewise, the list reflects additions of previously undocumented tanks discovered during the course of the site assessment or closure activities. Memorandas documenting each change to the overall tank list are maintained by the Environmental Engineering Division at the Station.

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, known releases, current status, and future actions. Exhibit 3-2 shows a summary of the status of USTs at MCAS El Toro.

The UST locations are plotted in a series of figures. Figure 3-2 (Key to LOC Location Maps) describes the sections of the Station encompassed by four area-specific maps. Figure 3-3 shows the northwest quadrant of the Station; Figure 3-4 shows the northeast quadrant of the Station; Figure 3-5 shows the southeast quadrant of the Station; and Figure 3-6 shows the southwest quadrant of the Station. These area-specific maps include all known UST locations at the

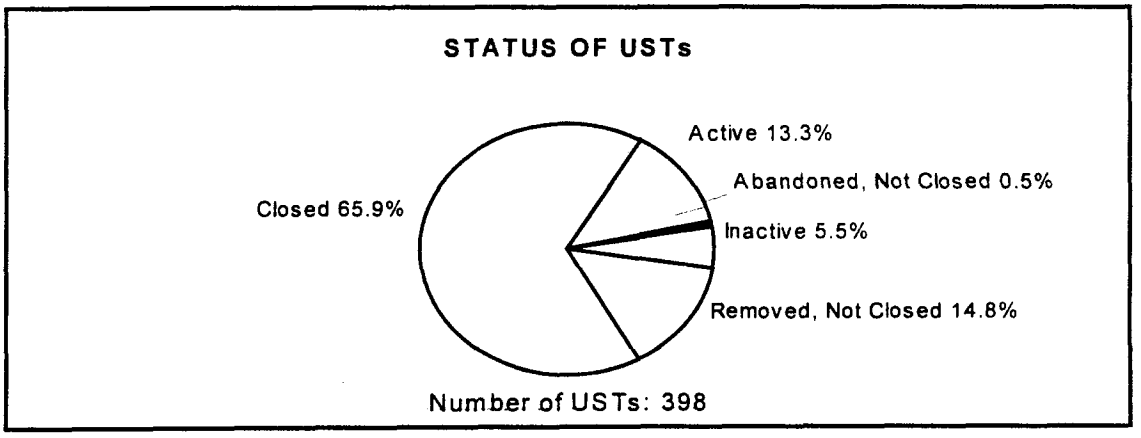
Station with the exception of those noted in Table 3-7. The plotted UST locations are based on available information, including Station maps, UST surveys, UST removal drawings, RFA site visits, and interviews with Station personnel. Information on the locations for some of the USTs was unavailable. In these cases, the UST location maps show the UST in the center of the nearest building. Figure 3-2 indicates the status of each UST plotted as either active, inactive, removed, closed, or abandoned in place. A list of the USTs also appears in that figure.

Compliance issues for USTs are managed by the MCAS El Toro Environmental Office (EO). Maintenance activities for USTs are the responsibility of the Station Assistant Chief of Staff (AC/S) Installations Department. Operational responsibilities are split among Station organizations and tenants. Information on USTs was obtained from the Station 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.

The Orange County Health Care Agency (OCHCA), Environmental Health Division regulates USTs within the County and is the lead agency for UST compliance for the Station. However, if a UST leaks and causes significant contamination, the RWQCB oversees cleanup and issues closure.

The Station has a current tank-and-pipeline integrity testing and monitoring system certification contract. There are five USTs on-Station at Tank Farm 555 (547, 548, 549, 550, and 551) for which current monitoring technologies do not exist. These 567,000-gallon tanks store JP-5 fuel.

Exhibit 3-2



Source Table 3-7

One UST location at the Station (Tank 398) was the subject of extensive investigations performed under the CLEAN I Program (CTO-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. Field investigations have identified JP-5, as well as

benzene, toluene, ethylbenzene, and xylenes, in groundwater in the vicinity of this location. The extent of the contaminant plume is shown in Figure 3-1. This plume represents a composite of contaminant contours (contours correspond to analytical detection limits) based on a 1993 investigative report (Jacobs Engineering 1993b). Construction of a free-product recovery system began in July 1995, and the system began operation in November 1995. This system is now fully operational, and approximately 10,000 gallons of product (JP-5) have been recovered to date.

Petroleum hydrocarbon plumes in groundwater have been identified in two other areas at the Station. In the northeast quadrant of the Station, elevated petroleum hydrocarbon levels have been found in groundwater downgradient of Tank Farms 5 and 6. This area is currently included in routine groundwater monitoring. In the northwest quadrant of the Station, elevated petroleum hydrocarbons have been found in wells located crossgradient and downgradient of Tank Farm 2. Continuing operation of an SVE unit at Tank Farm 2 has removed 50,000 pounds of petroleum products to date. Other potential sources of these contaminants include IRP Site 3 (plume near Tank Farms 5 and 6). The locations of these tank farms are shown in Figure 3-4.

The Station has formed a UST Tiger Team to address UST issues. Members of the Tiger Team include representatives from the Station EO, Engineering Department, BRAC office, and SWDIV. The goals and objectives of the Tiger Team include the following:

- develop strategies for UST management with respect to compliance;
- prioritize UST removals;
- develop plans for eventual closure of all USTs; and
- update and maintain the UST inventory database presented in Table 3-7.

The Tiger Team meets regularly to assess the status of the UST program with respect to compliance and base closure issues.

3.2.1.2 Aboveground Storage Tanks

An inventory of ASTs at the Station was completed in early 1997. To date, 25 ASTs that contain petroleum products or other regulated substances have been verified as existing at the Station. These tanks are listed in Table 3-8 (Aboveground Storage Tank Inventory). This table does not include water storage tanks or tanks used for compressed air. All of the ASTs listed in Table 3-8 are considered LOCs. Compliance issues for ASTs are managed by the MCAS El Toro EO. No leaks noted in the past. Operation and maintenance activities for ASTs are the responsibility of the Station AC/S Installations Department.

The RWQCB Santa Ana Region regulates ASTs storing petroleum products under the state 1990 Aboveground Petroleum Storage Act, amended in 1991. The law

requires petroleum AST 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.

3.2.1.3 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 3-1, 3-4, and 3-5.

JP-5 is supplied to MCAS El Toro via an 8-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. The pipeline is operated by the Defense Fuel Supply Center (DFSC) and, therefore, is not an asset of MCAS El Toro. Once MCAS El Toro receives the fuel from DFSC it becomes the responsibility of MCAS El Toro.

Tank Farm 555 supplies JP-5 jet fuel through two steel pipelines (12- and 8-inch-diameter pipe) directly to USTs 902A and 902B. These two tanks supply eight direct refueling pantographs (Building numbers 903 through 910). A 2,500 gallon fuel recovery tank (902C) is also located in the vicinity of USTs 902A and 902B.

A 6-inch-diameter carbon steel fuel line is tied into one of the pipelines that extends from Tank Farm 555 to the Aircraft Expeditionary Refueling area. This 6-inch pipeline supplies JP-5 to two 30,000-gallon USTs (891A and 891B) located in the southeast quadrant of the Station. A 4,000-gallon fuel recovery tank (891C) is also located in the vicinity of USTs 891A and 891B. From these USTs, the fuel is pumped to two high-speed refueling lanes located in the same area.

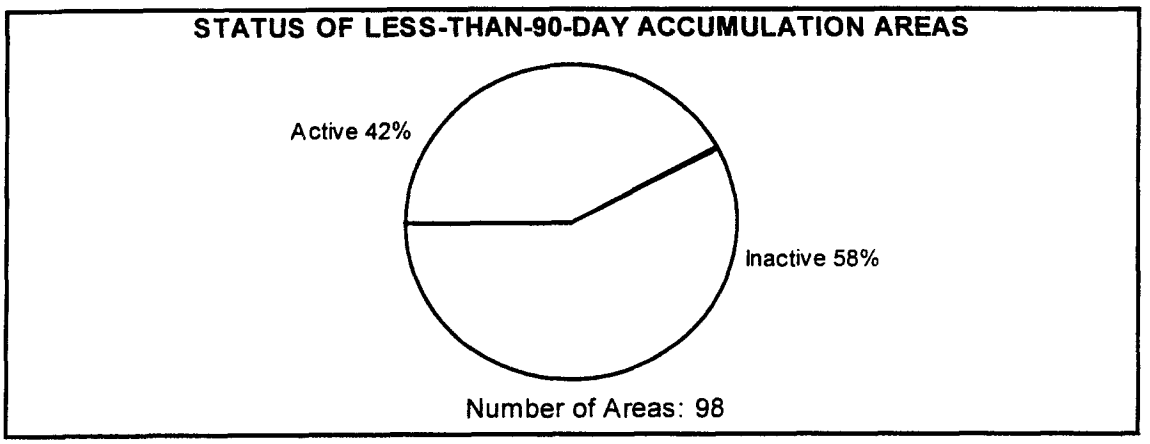
3.2.2 Hazardous Materials/Waste Management

Hazardous wastes generated at MCAS El Toro are accumulated in containers at tenant-managed, less-than-90-day accumulation areas (accumulation areas). A total of 98 past and current accumulation areas have been identified on-Station. Of these, 41 accumulation areas are currently in operation and 57 are inactive. Investigation and mitigation of the inactive accumulation areas is underway. A supplemental work plan designed to decontaminate and close these inactive accumulation areas was finalized on 26 September 1997. Field work will begin in early 1998. A list of all accumulation areas is provided in Table 3-9 (Less-Than-90-Day Accumulation Area Inventory). Many of these accumulation areas were investigated during the RFA performed at the Station from 1990 to 1993 (Section 3.2.7).

Active accumulation areas at the Station are managed in accordance with all applicable federal, state, and local environmental laws and regulations. Exhibit 3-3 shows the status of less-than-90-day accumulation areas. Hazardous wastes are

generated by various on-Station tenants. The tenants are responsible for day-to-day management of the accumulation areas; the MCAS El Toro EO oversees the tenants' operation at the accumulation areas. It is Station policy to store hazardous wastes at the accumulation areas for no longer than 45 days after the accumulation date indicated on the storage containers. For up to 45 days beyond the accumulation date, wastes at the accumulation areas are managed according to waste type as described in the following subparagraphs.

Exhibit 3-3



Source: Table 3-9

3.2.2.1 Waste Oil

Waste oil is stored in 55-gallon drums at the tenant accumulation areas. The drums are transferred to Building 326, located in the southwest quadrant of the Station, for pickup by a recycling contractor. The contractor transports the waste oil off-Station to be recycled. Some Station tenants generate large amounts of waste oil. In these cases, the recycling contractor picks up the waste oil directly at the tenant accumulation areas.

3.2.2.2 Waste JP-5

Waste jet fuel is stored in 55-gallon drums at the tenant accumulation areas. The drums are transferred to Bldg. 326 for pickup by a recycling contractor. The JP-5 is recycled off-Station.

3.2.2.3 Miscellaneous Hazardous Wastes

Various other hazardous wastes are transferred to the Station EO accumulation area located at Building 900. The DRMO is responsible for arranging for the wastes to be transferred off-Station within 90 days of the accumulation date.

On-site visual inspections for evidence of release have been performed at most of the accumulation areas by the CLEAN II contractor as a part of the RFA addendum.

The contractor has developed removal and/or decontamination strategies for each of the accumulation areas (BNI 1996a).

Solvent cleaning machines manufactured by Safety-Kleen™ are used at various locations at the Station. Safety-Kleen regularly replaces the solvents in these machines at the Station. The waste solvents are transported off-Station by Safety-Kleen.

The Station operated a RCRA-permitted storage facility at Building 673-T3 until August 1994. On 21 December 1994, the Station notified DTSC that waste storage at this building had ceased and closure would be performed. The Station submitted its Final Closure Certification Report for Building 673-T3 to DTSC on 15 November 1995. The DTSC approved closure on 08 March 1996.

In addition to the accumulation areas described previously, hazardous wastes generated overseas during Desert Storm operations were temporarily stored on-Station in 1991. From approximately August to November 1991, wastes, including lubricants, adhesives, paints, and cleaning compounds, were stored in the southeast portion of the Station, east of DRMO Storage Yard No. 3. The location of this area is shown in Figure 3-1. Because most of this area is unpaved, the waste containers were stored on plastic sheeting. The wastes were transported off-Station by contractors in 1991. Although no releases were reported by the Station EO, the BCT will evaluate this area in 1997.

Pesticides and herbicides have been used at the Station to control rodents and weeds. The AC/S Installations Department, Utilities and Maintenance Division, currently maintains a 6-month to 1-year supply of pesticides in Building 753. Pesticides were formerly stored 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). Buildings 493 and 1687 were demolished in 1987. The locations of these pesticide storage areas will be evaluated by the BCT and are shown in Figure 3-1. In addition to the pesticide and herbicide application operations that are conducted by Station personnel, a certified pest controller is contracted to control roaches, spiders, ants, and other pests.

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-Station where dumpsters for recyclable materials 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

A PCB management plan was developed for MCAS El Toro in April 1994 (SAIC 1994). It presents all applicable federal, state, and local requirements, and describes the Station system for handling and disposing PCBs in compliance with applicable regulations and USMC policy. PCB-containing equipment at the Station is managed by MCAS El Toro AC/S Installations.

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

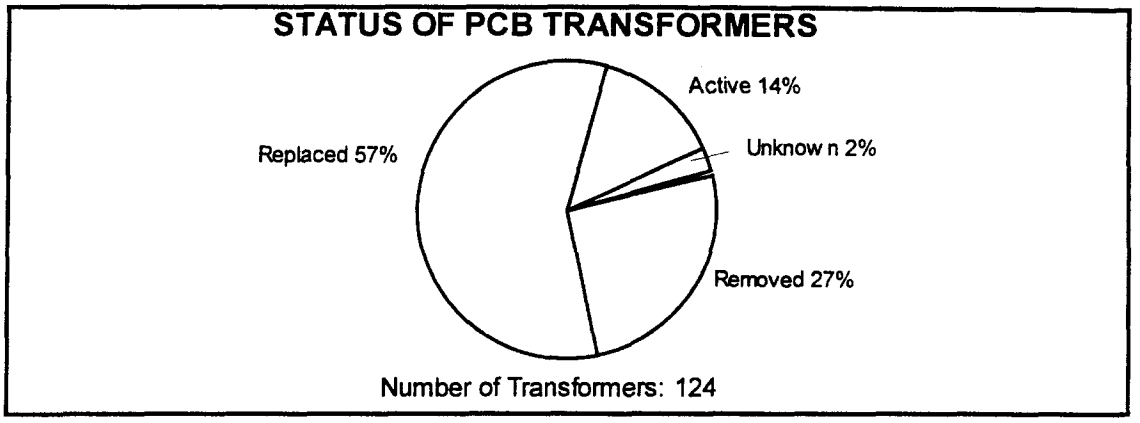
- 0 to 49 parts per million (ppm) – non-PCB item;
- 50 to 499 ppm – PCB-contaminated item; and
- 500 ppm or greater – PCB item.

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 achieve a PCB concentration of less than 2 mg/L.

3.2.4.1 PCB Transformers

There are approximately 627 existing transformers at MCAS El Toro. Due to nonexistent or missing records, sampling and testing was done on 219 transformers to determine whether or not they contain PCBs. All transformers have been tested. The analytical results have indicated that all but ten PCB containing transformers (containing greater than 50 ppm) have either been removed or replaced with non-PCB transformers. Exhibit 3-4 and Table 3-10 summarize two PCB storage areas, 115 previously suspected and 9 newly identified PCB transformers (PCB T116 through PCB T124) that have been or are scheduled for removal and/or replacement by Station personnel.

Exhibit 3-4



Source: Table 3-10

The update on historical records and the PCB testing, removal, or replacement of transformers is an ongoing process expected to be completed by June 1997. The final 1997 BCP update will include the complete status of all transformers at MCAS El Toro.

Of the PCB transformer locations identified at the Station in Table 3-10 releases are known to have occurred at two PCB transformer locations (Database Tracking Nos. PCBT56 and PCBT74). Transformer T74 was investigated during RFA addendum activities, and transformer T56 requires further evaluation.

3.2.4.2 PCB Transformers and Equipment Storage Areas

Four locations at MCAS El Toro have been used previously as storage areas for inactive PCB-containing transformers and/or equipment. These storage areas are located in the southwest quadrant of the Station (Figure 3-1). The first two of these locations are addressed under other types of LOCs (RFA 7 and IRP Site 11), and the third and fourth locations are identified as PCB storage areas.

One former transformer storage area is located southwest of South Marine Way, east of Bee Canyon Wash. The area was investigated as SWMU/AOC 7 (Database Tracking No. RFA 7) in the RFA and the addendum to the RFA (1996) (Jacobs Engineering 1993, BNI 1996a). This unpaved, fenced, 2-acre storage area was established in 1990 or 1991. It 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 in 1991. No transformers are currently stored in this area. As part of the RFA and the addendum to the RFA, soil samples were collected in the storage area.

A second transformer storage area is located on the north side of Building 369 (Database Tracking No. IRP 11). Portions of the area are paved. A portion of this storage area is being investigated in the RI/FS. IRP 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 from 1968 to 1983 (Jacobs Engineering 1993d). The Site 11 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.

A third transformer storage area is located adjacent to Tank 175 (water reservoir) (Database Tracking No. PCB A1). 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 (Sherwood, pers. com. 1994).

A fourth PCB equipment storage area was identified at the equipment and drum storage area located on the north side of Building 324 (Database Tracking No. PCB A2). During a routine site visit to MCAS El Toro, the CLEAN I contractor discovered miscellaneous electronic equipment (e.g., switches, capacitors) stored in the vicinity of a drum storage area near Building 324. The items were labeled with hazardous waste stickers that indicated the contents as PCB-containing. The labels indicated that the items were in the custody of the DRMO. These items have been removed from the storage area and disposed off-Station by an authorized disposal contractor.

3.2.4.3 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 and 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 3-11 (Non-Transformer PCB Equipment) lists these 29 items and summarizes their analytical results. Because these 29 items are below 50 ppm, they are classified in TSCA 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. However, a survey of Station buildings for PCB light ballasts is not required, nor is one scheduled to be performed as part of base closure.

3.2.5 Asbestos

MCAS El Toro manages asbestos-containing materials (ACM) according to DoD policy established in a letter dated 02 November 1994. The policy requires the Station to manage "ACM in a manner protective of human health and the environment, and to comply with all applicable Federal, State, and local laws and regulations governing ACM."

Prior to property disposal, the Station is required to document all available information concerning ACM. Documented information should include:

- readily available information on the type, location, and condition of asbestos;
- any results of testing for asbestos;
- description of any asbestos control measures taken;
- any available information on costs or time necessary to remove the remaining ACM; and
- results of a site-specific update of the asbestos inventory performed to revalidate the condition of ACM.

Identified ACM will be remediated only if it is not in compliance with applicable laws and regulations or if it poses a threat to human health at the time of property transfer. In the property transfer process, remediation of ACM is not required for the following scenarios:

- the building is scheduled for demolition by the transferee;
- the transfer document prohibits occupation of the buildings prior to its demolition; and
- the transferee assumes responsibility for the management of any ACM in accordance with applicable laws.

A draft Asbestos Management Plan and a draft Asbestos Operating Plan were prepared for the Station in January and February 1992, respectively. The objectives of the Asbestos Management Plan were to:

- identify ACM in facility buildings;
- assess the hazard potential of identified ACM;
- establish policies for handling ACM on-Station;

- define organizational roles and responsibilities of the Asbestos Management Program; and
- assure that maintenance workers, as well as building occupants, are not exposed to elevated airborne asbestos fiber concentrations as a result of deteriorated ACM or inappropriate work practices.

The goals and objectives of the Asbestos Operating Plan include:

- establishing policies for conducting maintenance activities on or around known ACM;
- defining proper procedures for handling an emergency response to an asbestos hazard;
- outlining policies for remediation activities; and
- detailing proper disposal procedures for ACM.

Several ACM surveys in buildings at MCAS El Toro have been conducted (Ecology and Environment 1991a,b, 1992; IT Corporation 1989). According to the Station P-164 building database, a total of 506 nonresidential buildings are located on-Station. Approximately 54 percent (273 buildings) of these 506 buildings at MCAS El Toro were inspected during the surveys. ACM was identified in 164 of the buildings; 3 of these buildings have been demolished, bringing the total number of buildings with identified ACM to 161. Of the 164 buildings with identified ACM, 52 contained friable ACM.

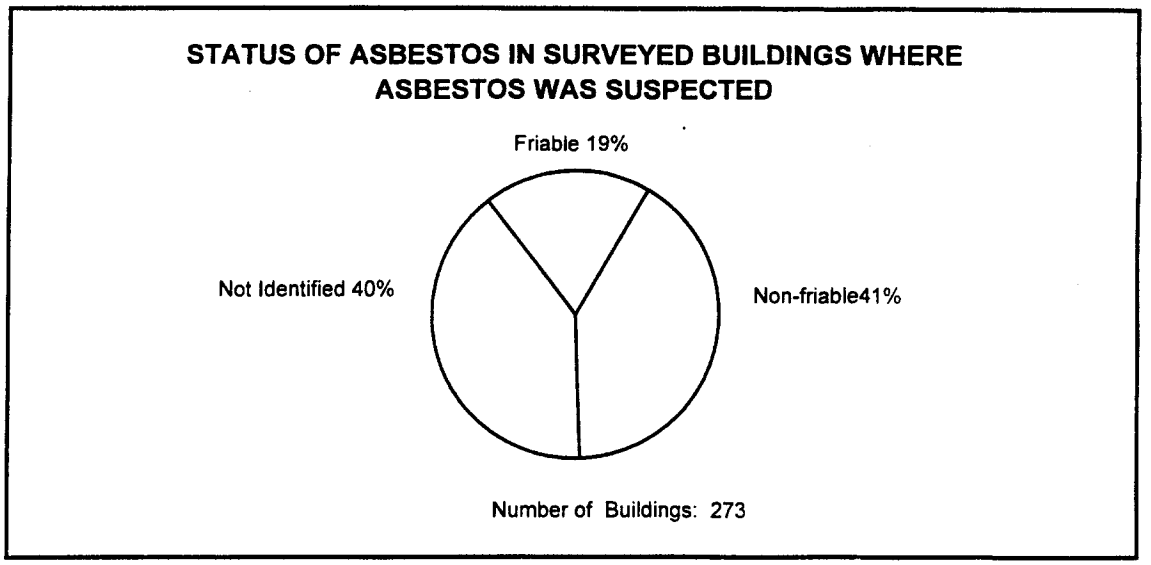
MCAS El Toro is not required to survey every building as part of the closure process and that the only obligation is to provide the Local Redevelopment Authority (LRA) with whatever information MCAS El Toro possesses. MCAS El Toro is therefore only looking at known friable asbestos to see if any damaged materials need to be abated to protect our workers and the public up until the time of transfer.

Friable ACM is ACM that is easily pulverized (e.g., with light contact) and thus can become airborne, making it a human-health hazard. All 273 buildings, along with the results of the surveys, are listed in Table 3-12 (Buildings with Known Asbestos) and are summarized in Exhibit 3-5. No ACM was identified in the other 109 buildings surveyed. The DoN will take corrective actions for friable asbestos in buildings having staff and public access prior to base closure. DoN will not take corrective actions for friable asbestos ACM in areas not accessible to staff or public. DoN will not take corrective actions for non-friable asbestos.

The Navy Public Works Center (PWC) San Diego recently completed a survey of family housing communities at MCAS El Toro and MCAF Tustin. Five family housing units were located at MCAS El Toro. As part of this survey, the family housing units were tested in accordance with the applicable standards and Naval

Facilities (NAVFAC) guidance. Final results indicated that asbestos was present in many of the units surveyed; however, none of the ACM is considered to be a threat to human health (DoN 1995a–e).

Exhibit 3-5



Source: Table 3-1

3.2.6 Radon

Radon is a radioactive gas produced by the disintegration of elemental uranium. Uranium, which originates from magma, predominantly occurs in granitic rock. Radon is a chemically inert gas that readily migrates from bedrock and soil into the groundwater or air. The decay of radon (Ra-222) produces several short-lived radioisotopes. These nuclides can become attached to dust particles, forming a radioactive aerosol. 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. Because radon can readily migrate into groundwater, the levels of radon in groundwater can provide information on levels of radon that could migrate into air. Literature indicates that groundwater in Orange County, California, generally has the lowest radon concentrations in the nation at less than 100 picocuries per liter (pCi/L) (Michael 1990). Therefore, elevated levels of radon would not be expected in buildings at MCAS El Toro.

TSCA requires that radon studies be conducted in federal buildings and that the results be reported to U.S. EPA. Navy guidance requires naval buildings and housing units occupied for more than 4 hours per day to be tested for radon.

In accordance with the Indoor Radon Abatement provisions of Subchapter III of TSCA, the DoD directed the Station to assess radon levels in a representative

sample of its buildings. As part of the voluntary DoD approach to reducing radon exposure, the DoD has required that U.S. EPA guidelines for residential structures be applied to remedial actions 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 U.S. EPA guidelines that consider airborne radon levels of 4 p Ci/L or less as low-risk levels that do not require mitigative action.

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

Although DoD policy does not require that radon assessment and mitigation be performed prior to transfer of BRAC property, any available and relevant radon assessment data should be included in property transfer documents.

3.2.6.1 Radium

Station building records indicate that radium paint was used previously 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; however, information on waste management associated with radium painting activities is not available. Former Station personnel interviewed in 1994 were asked about radium paint usage on-Station, but they were not able to provide additional information. A Radiological Survey will be conducted at Hangers 296 and 297 in February 1998.

3.2.7 RCRA Facilities (SWMUs)

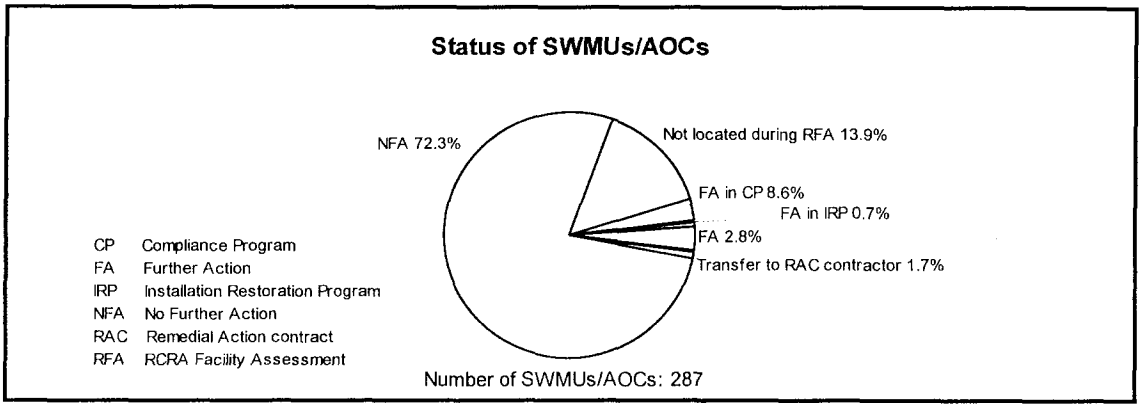
An RFA was performed at the Station from 1990 to 1993. The objectives of this initial RFA were to identify and evaluate SWMUs and other AOCs with respect to the potential for releases of hazardous wastes to the environment, to assess the need for further action at the SWMUs/AOCs, and to identify potential sites for a fourth OU for the IRP (OU-4).

The final RFA report was submitted on 16 July 1993. This study identified 305 SWMUs/AOCs. Of these, 287 SWMUs/AOCs were located at MCAS El Toro (3 SWMUs/AOCs were located at MCAS Tustin) and 15 SWMUs/AOCs were duplicates of other SWMUs/AOCs, resulting in a total of 287 SWMUs/AOCs that are of interest at MCAS El Toro. Based on the results of the preliminary review and visual site inspection, 140 SWMUs/AOCs were initially sampled during the RFA sampling visit to determine whether a release had occurred. The analytical

results and recommendations for further action for each of the SWMUs/AOCs sampled are provided in the final RFA report (Jacobs Engineering 1993c).
As a condition of approval for the final RFA report, DTSC required the additional sampling of 13 SWMUs and one temporary accumulation area (TAA). The results of this additional investigation were presented in the final Addendum to the RFA report on 31 May 1996 (BNI 1996a). In a letter dated 23 July 1996, the DTSC approved the final RFA report and the final Addendum to the RFA.

A comprehensive inventory of the 287 SWMUs/AOCs is provided in Table 3-13 (Summary of SWMUs/AOCs). Exhibit 3-6 summarizes the current status of SWMUs and AOCs. Of the 287 SWMUs/AOCs, 207 were recommended for no further action and 40 SWMUs/AOCs were not located during RFA field visits. 39 of these SWMUs/AOCs were located since the completion of RFA activities. Based on activities since the RFA, regulatory agencies have concurred with recommendations for no further action on 247 SWMUs/AOCs, as shown in Exhibit 3-6.

Exhibit 3-6



Source: Table 3-13

The recommendations for the remaining 41 SWMUs/AOCs have been categorized into four types of further action:

1. **Include SWMU/AOC in the IRP.** Three SWMUs/AOCs were recommended for further action in the IRP:

   - 90 (former sewage treatment plant) (IRP Site 12),
   - 194 (former incinerator) (IRP Site 3), and
   - 300 (solvent spill area) (IRP Site 3).

2. **Evaluate SWMU/AOC in a state program.** SWMUs/AOCs with petroleum hydrocarbon contamination only and unknown extent of contamination were recommended for additional borings. SWMUs/AOCs

with moderate levels of petroleum hydrocarbon adjacent to a tank bottom were recommended for a leak test/inspection to assess the possibility of leakage from the tank. Many SWMUs/AOCs are located within the boundaries of an IRP site, but will be addressed under the relevant compliance program. A total of 26 SWMUs/AOCs of these types were recommended for further action in the Compliance Program:

- Leak test/inspection recommended:
  - 84 (OWS 298C),
  - 85 (UST 298D) (combined with SWMU 84),
  - 151 (OWS 605C),
  - 199 (OWS 759A),
  - 200 (UST 759B) (combined with SWMU 199), and
  - 298 (UST 392A).
- Additional borings recommended:
  - 145 (UST 529),
  - 173 (OWS 671),
  - 175 (OWS 672A), and
  - 176 (UST 672B).
- Located within boundaries of an IRP site, but will be addressed under compliance program:
  - 159 (OWS 626-1) (IRP Site 20),
  - 218 (OWS 765B) (IRP Site 13),
  - 217 (UST 765A) (IRP Site 13),
  - 288 (UST 392A) (IRP Site 16),
  - 289 (UST 850B) (IRP Site 16),
  - 290 (UST 850C) (IRP Site 16),
  - 71 (accumulation area) (IRP Site 7),
  - 72 (accumulation area) (IRP Site 7),

- 94 (accumulation area) (IRP Site 21),
- 104 (accumulation area) (IRP Site 8),
- 105 (accumulation area) (IRP Site 8),
- 106 (accumulation area) (IRP Site 8),
- 158 (accumulation area) (IRP Site 20),
- 236 (accumulation area) (IRP Site 20),
- 10 (abandoned well No. 24-4274) (IRP Site 3), and
- 157 (Vehicle wash rack) (IRP Site 20).

3. **Further action by pavement repair or excavation recommended.** The final RFA and the final RFA Addendum recommended six SWMUs/AOCs for repair of the cracks in the pavement and two SWMUs/AOCs for excavation of shallow, stained soil, followed by proper disposal. In addition, it was recommended that the Station no longer store drums outside the storage areas. A total of eight SWMUs/AOCs were recommended for further action in the final RFA Report and the final RFA Addendum:

   - Repair of cracks in pavement recommended:
     - 14 (drop tank fuel storage area),
     - 110 (vehicle wash rack),
     - 198 (vehicle wash rack),
     - 201 (vehicle wash rack),
     - 204 (vehicle wash rack), and
     - 213 (vehicle wash rack).
   - Excavation of shallow, stained soil recommended:
     - 26 (accumulation area), and
     - 33 (accumulation area).

4. **Recommended transfer to the RAC Contractor.** Five SWMUs/AOCs were recommended for transfer to the RAC contractor for limited removal/clean-up of surface soils:

   - 7 (transformer storage area), clean-up of PCBs;

- 46 (vehicle maintenance and parking/DRMO), clean-up of diesel;
- 88 (< 90 day accumulation area), clean-up of PCBs;
- 131 (engine test area), clean-up of semivolatile organic compounds (SVOCs); and
- 244 (PCB spill area), clean-up of SVOCs.

Some SWMUs/AOCs not recommended for further action by the RFA have been included in the Station IRP. In response to agency comments, SWMU/AOC 90 (Former Sewage Treatment Plant) has been included for further investigation in IRP Site 12. IRP 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]).

No SWMUs/AOCs were recommended for inclusion into a fourth OU. In a letter dated 17 May 1994, DTSC approved the RFA under the conditions that further investigation (i.e., sampling) be performed. During the RFA addendum field activities, 13 SWMUs/AOCs and 1 TAA were investigated. Five of the SWMUs/AOCs had already been recommended for further investigation in the RFA (SWMUs/AOCs 39, 46, 88, 131, and 171). The eight additional SWMUs/AOCs and one TAA investigated were:

- SWMU/AOC 7 (Transformer Storage Area);
- SWMU/AOC 9 (Fuel Bladder East of Agua Chinon Wash);
- SWMU/AOC 165 (Drum Storage Area);
- SWMU/AOC 229 (Hazardous Waste Storage Area);
- SWMU/AOC 244 (PCB Spill Area);
- SWMU/AOC 260 (Former AST) (RFA recommended further action [e.g., repair cracks in pavement], but not further investigation at this SWMU/AOC);
- SWMU/AOC 264 (DRMO Storage Yard No. 3);
- SWMU/AOC 267 (Drop Tank Fuel Storage Area); and
- TAA 7 (Hazardous Waste Storage Area).

The final addendum to the RFA was completed on 31 May 1996. The report presented the results and recommendations for remedial actions for 13 SWMUs/AOCs and 1 TAA in addition to recommendations for closure strategies of 73 additional TAAs. Five of the 14 locations sampled were duplicates of TAAs.

Therefore, a total of 82 sites was investigated during the preparation of the addendum to the RFA. Of the 14 sites sampled, 5 were recommended for transfer to the RAC contractor for limited surface soil removal (SWMUs 7, 46, 88, 131, and 244), and 9 were recommended for no further action (SWMUs 9, 39, 171, 229, 260, 264, 267, and TAA 7).

Of the 73 TAAs surveyed, the addendum to the RFA recommended the following:

- twenty-one TAAs are clean and vacant (as of November 1995),
- forty-two are recommended for wash-down after removal of stored material,
- eight are recommended for simple decontamination and wash-down after material removal,
- one is recommended for transfer to the RAC contractor for surface-soil removal (PCBs), and
- one will be reevaluated upon base closure.

As part of the Phase I RI, a soil gas survey for IRP Sites 24 and 25 was completed in October 1994. Sites 24 and 25 were further investigated in the Phase II RIs, completed in 1996. These surveys encompassed numerous SWMUs/AOCs located in the southwest quadrant of the Station.

3.2.8 NPDES Permits

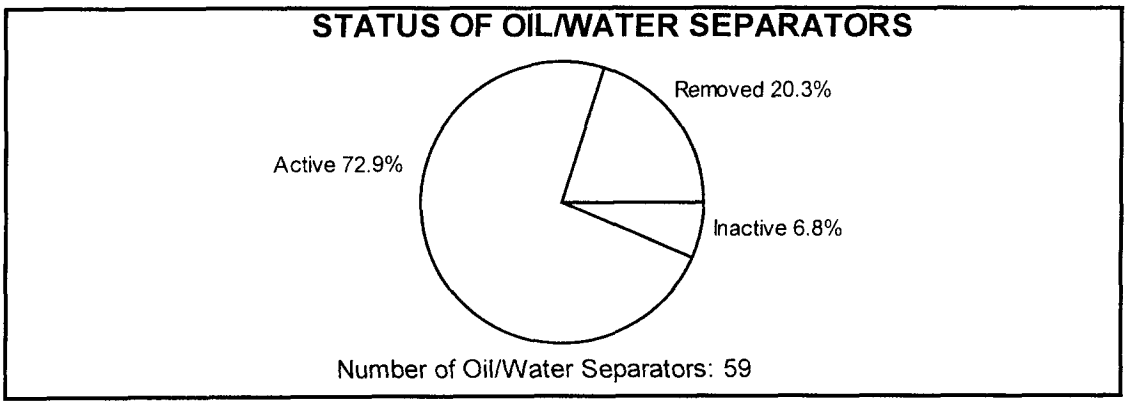
Storm-water runoff from the aircraft runways, parking areas, aircraft and vehicle maintenance areas, wash rack areas, and fueling areas from the Station is discharged into three washes (Marshburn Channel, Bee Canyon Wash, and Agua Chinon Wash), which are tributaries of San Diego Creek. Discharges from these washes are addressed by a NPDES permit (Order No. 93-16, NPDES No. CA 0106593) issued to the Station by the RWQCB, Santa Ana Region. The Station EO is responsible for collecting discharge samples that result from significant rainstorm events or other water discharge events. The Station is currently in compliance with the NPDES permit. The current permit expires on 01 March 1998. On September 22, 1997, the Station submitted a permit renewal application and expects to receive the new permit prior to the existing permit expiration.

Discharges to the sanitary sewer at MCAS El Toro are regulated by the County Sanitation Districts of Orange County (the Districts). The Districts have issued Station Industrial Wastewater Discharge Permit No. 14-1-135, which specifies effluent limits, monitoring, and reporting requirements. The Station EO is responsible for monthly, quarterly, and semiannual monitoring of wastewater effluent. The permit was renewed on 01 May 1997 and is effective through 30 April 1999.

3.2.9 Oil/Water Separators

OWSs are used at various locations at MCAS El Toro for wastewater pretreatment and fulfillment of storm-water discharge requirements. Fifty-nine OWSs are currently located at the Station. This total includes 43 active, 4 inactive and 12 removed OWSs. Eighteen of the OWSs have USTs associated with them. A comprehensive list of the OWSs is provided in Table 3-14 (Oil/Water Separator Inventory). Exhibit 3-7 illustrates the status of OWSs.

Exhibit 3-7



Source Table 3-14

OWSs are managed by the MCAS El Toro EO and are maintained by the Station Installations Department. Information on OWSs was obtained from the Station UST Inventory Database and an OWS survey that was conducted in 1993 (Law/Crandall 1993). This data was supplemented with information obtained from the RFA performed at the Station and interviews with Station personnel.

Most of the OWSs are underground units; however, five OWSs have been constructed above ground. Four of these are located at Agua Chinon Wash and Bee Canyon Wash, and the fifth one is located at Building 658.

Under federal regulations, treatment units that are part of wastewater systems regulated under the NPDES program or which discharge to a publicly owned treatment works are exempt from hazardous-waste-permitting regulations. All OWSs at the Station are exempt from federal hazardous-waste-permitting regulations because the OWSs are used for treatment of wastewater discharge.

Under state regulations, treatment units with specified 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 PBR regulations to notify the DTSC. Additional requirements include contingency and closure plans, and certification that releases have not occurred. PBR regulations have been amended under Assembly Bill 1772 to create a multiple-tiered permitting program. Under tiered permitting state regulations, some treatment units (e.g.,

OWSs) are regulated as "Conditionally Exempt." The revised regulations became effective in January 1993; notifications to DTSC were due by 01 April 1993. Effective 29 March 1996, all OWS were permitted under conditionally exempt limited tier permitting.

The Station Installations Department has placed all active OWSs on a regular maintenance cycle, which, for most units, will take place on a quarterly schedule. Some of the repairs include cleaning and/or replacing butterfly control valves, replacing faulty pumps, and adjusting alarm systems.

Removal and closure requirements for OWSs are described in 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 medical clinic (Building 439) and the Station photography laboratory (Building 443).

These treatment units are regulated in the same manner as OWSs under PBR regulations. On 17 April 1996, the units were permitted conditionally as exempt small quantity treatment permits. When the silver-recovery units are removed, they must be closed under CCR Title 22.

In 1993, the Station photography laboratory was moved from Building 312 (located in the southwest portion of the Station) to Building 443 (the conditional exemption lists the photography laboratory in Building 312). Because silver-recovery units were formerly located in Building 312, the BCT will evaluate this location for possible releases. Both the current and former silver-recovery unit locations are shown in Figure 3-1.

3.2.11 Lead-Based Paint

Navy policy regarding LBP on nonresidential structures was established in a policy letter dated 26 March 1992. This letter outlines policies on the use and control of LBP during maintenance, repair, and construction of new and existing nonresidential structures and facilities. The Navy policy regarding nonresidential structures states that for painted surfaces of all facilities constructed, repaired, and/or maintained prior to 1980, it should be assumed they contain lead.

According to Station building records, a total of 450 nonresidential buildings currently located on-Station was constructed prior to 1980. Navy guidance states that these structures should be assumed to contain LBP.

DoD policy regarding LBP for residential structures was addressed in a policy letter dated 02 November 1994. This policy states that LBP will be managed in a manner protective of human health and the environment and must comply with all applicable federal, state, and local laws and regulations. Currently the regulators and MCAS El Toro disagree on the extent of lead investigation necessary at closing military facilities. U.S. EPA and DTSC maintain that lead in soil due to LBP is considered to be a CERCLA release. Although the U.S. EPA and DTSC disagree on the project-specific action level for lead, both agencies are adamant that soil screening for lead at various locations on former MCAS El Toro is required prior to transferring property to the LRA.

EPA or DTSC have not put out guidance on policy for LBP on non-residential housing or a procedure of how this is implemented in private industry.

Transfer of federal property for residential use will be conducted in accordance with the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X of Public Law 102-550). Under this provision, the following actions must be taken prior to the transfer of property.

- Housing constructed after 1960 and before 1978 must be inspected for LBP and LBP hazards. Results of the inspection must be provided to the prospective transferee of the property. These results must identify the presence of LBP and LBP hazards on a surface-by-surface basis. Abatement of the LBP or LBP hazard is not required. However, the prospective transferee must be provided a lead-hazard information pamphlet, and the contract for sale or lease must include a lead-warning statement.

- Housing constructed before 1960 must be inspected for LBP and LBP hazards. Results of the inspection must be provided to the prospective transferee of the property. These results must identify the presence of LBP and LBP hazards on a surface-by-surface basis. Abatement of all LBP or LBP hazard is required. A description of the abatement activities must be provided to the prospective transferee. Also, the prospective transferee must be provided a lead-hazard information pamphlet, and the contract for sale or lease must include a lead-warning statement. The above requirements do not apply in the following cases:

- the building is scheduled for demolition by the transferee and the transfer document prohibits occupation of the building prior to the demolition;

- the building is scheduled for nonresidential use; or

- the building is scheduled for residential use and the transferee conducts renovation activities consistent with regulatory requirements for the abatement of LBP hazards.

According to the Station P-164 Building Database, there are a total of 2,511 residential structures (including 387 detached housing facilities). These MCAS El Toro facilities are located at both MCAS El Toro and MCAF Tustin.

The Navy PWC, San Diego, completed a survey of MCAS El Toro and MCAF Tustin family housing and related facilities for LBP in 1995. As part of this survey, family housing units were tested in accordance with the applicable standards and NAVFACENGCOM guidance. A total of five housing areas at MCAS El Toro was surveyed for LBP:

- Moffett Meadows/Saddleback Terrace Community (17 units located at MCAS El Toro);
- Namar Housing Community (216 units located at MCAS El Toro);
- San Joaquin Housing Community (300 units located at MCAS El Toro);
- Wherry Housing Community (553 units located at MCAS El Toro); and
- Saddleback Terrace/Vista Terrace Housing Communities (100 units located at MCAS El Toro).

Results indicated that LBP was detected at high levels (Hazard Risk Assessment levels are identified as high, medium, and low) in three of the housing communities: Moffett Meadows/Saddleback Terrace Community (built in 1964), Wherry Housing Community (built in 1954), and Saddleback Terrace/Vista Terrace Housing Communities (built in 1947) (DoN 1995a–e). Lead levels in all soil and dust sample results were either not detected or were below threshold limits.

Moffett Meadows/Saddleback Terrace Community will not require abatement since it was built after 1960. However, the prospective transferee must be provided with all of the results of the LBP inspection. These results must identify the presence of LBP or LBP hazards on a surface-by-surface basis. Abatement has been completed for all housing units in the Wherry Housing Community, and Saddleback Terrace/Vista Housing Community. This abatement was done in accordance with standards established by federal agencies.

3.2.12 Air

The Station currently operates under a single RECLAIM permit. The permit was initially issued to the Station by the South Coast Air Quality Management District (SCAQMD) in July 1994 and was last renewed on 01 July 1997. The RECLAIM permit outlines all recording, monitoring, and reporting requirements for the Station. Under the RECLAIM permit, the Station is required to submit an annual air-emissions report to the SCAQMD.

Currently, there are 189 pieces of equipment at MCAS El Toro that are addressed under the RECLAIM permit. An additional 30 permit applications have been submitted and are awaiting approval and incorporation into the RECLAIM facility permit. The Station has submitted notification to the SCAQMD that another 38 pieces of equipment are no longer active or have been transferred to MCAS Miramar and need to be deleted from the permit. Many other emissions sources at the Station are exempt from testing under SCAQMD Rule 219 due to their small size.

In addition to the RECLAIM facility permit, the Station is subject to the Title V federal permitting requirements of the Clean Air Act. The SCAQMD received approval of its Title V implementation plan in mid-1997 and, subsequently, the Station submitted its Title V permit application on 25 July 1997. The SCAQMD's permit issuance deadline is currently 31 March 1998.

In addition to the air permits discussed above, the Station aircraft fire-fighting training exercises are also overseen by the SCAQMD. The Station has two concrete-lined burn pits located adjacent to IRP Site 16. The locations of these burn pits are shown in Figure 3-1. Both pits were constructed in 1988, but only one is being used. The western burn pit was only used once. It was retired because the concrete deteriorated during the initial burn event; however, no significant cracks are evident in the floor of the pit.

Only JP-5 is burned in the eastern pit. Burns typically last 3 to 10 minutes and are conducted approximately four to six times per month. The Aircraft Rescue and Fire Fighting (ARFF) staff notifies the SCAQMD prior to every training burn in compliance with provisions of SCAQMD Rule 444.

Assembly Bill (AB) 531 was passed by the California Assembly and signed into law on 12 October 1995. Briefly, it states that tactical military equipment will be exempt from local district permitting requirements. Furthermore, any registered portable internal combustion engines, including any turbine engines, used by the DoD or the National Guard exclusively for military tactical support or other federal emergency purposes, will not be subjected to any statewide or district emission control or emission limit. The California Air Resources Board (CARB) finalized the rule for statewide registration on 17 September 1997. The Station will register all of its military tactical support equipment under the CARB rule by 31 December

1997. Upon confirmation that the equipment is registered by the state, the Station will notify the SCAQMD to delete these registered engines from the RECLAIM facility permit.

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, archaeological resources, historic structures, and paleontological resources.

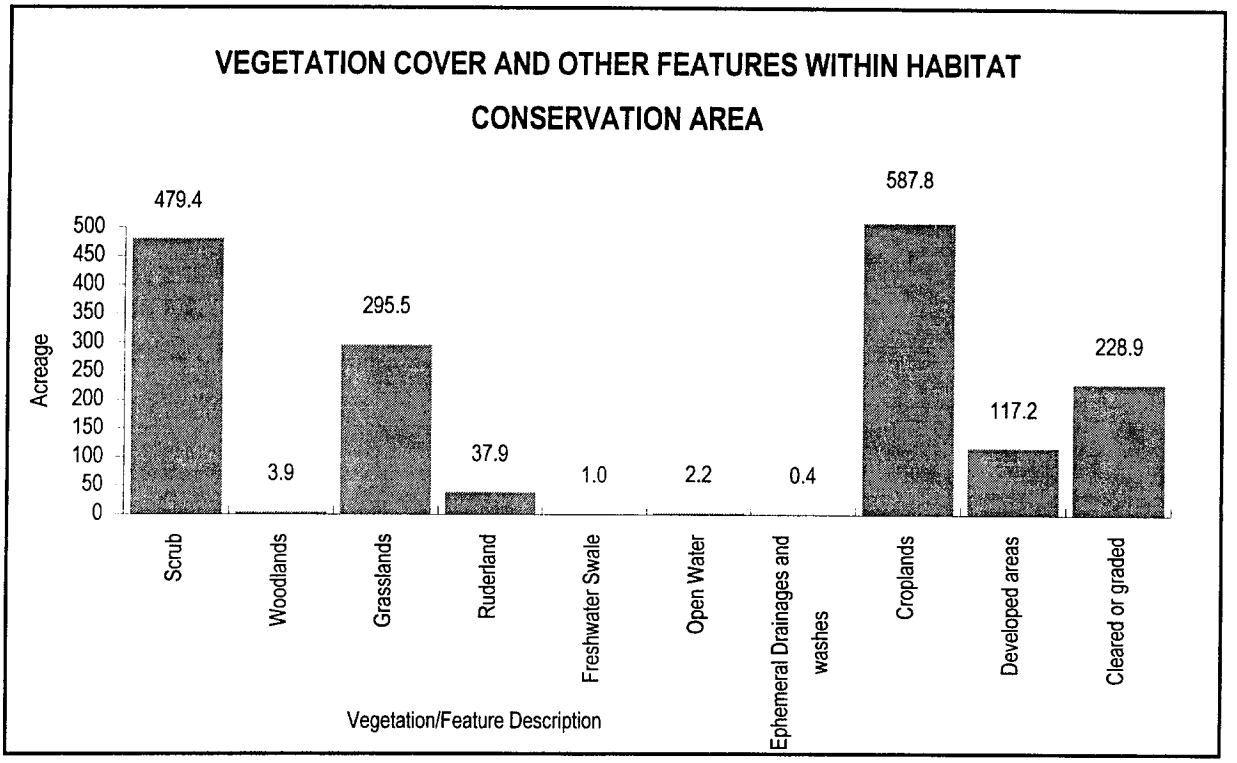
3.3.1 Ecological Resources

Approximately 75 percent of the land base of MCAS El Toro has been developed for agriculture, housing, and Station operations. An oblong parcel of approximately 1,200 acres in the northeast portion of the base underlies the departure corridor for the runways. Much of this parcel north of Irvine Blvd. is undeveloped; surrounding areas used for explosive magazine storage, explosive ordnance demolition (EOD), a pistol range, fuel farm, communications station, recreational archery range, and contains numerous unpaved roads. The undisturbed areas within this parcel are generally covered with native plant communities of coastal sage scrub and riparian scrub. Much of the grassland is dominated by non-native annual grasses.

This area, termed as a Habitat Conservation Area, of 1,754 acres of natural habitat (disturbed and undisturbed) supports one of the largest concentrations of the federally-listed threatened California gnatcatcher *(Polioptila californica)* in Orange County. Most of the other sensitive species are federal or state Species of Special Concern.

The extent of vegetation in this area is shown in Figure 3-8a (Vegetation Communities in Natural Area). A summary of the types of vegetation cover and other features within the natural area is provided in Table 3-15 (Vegetation Cover and Other Features Within Habitat Conservation Area). Exhibit 3-8 illustrates the extent of vegetation cover and other features within natural areas.

Exhibit 3-8



Source: Table 3-15

Military training operations that occur within this natural area include unit conditioning marches, land navigation courses, and combat vehicle training. It is also used by residents of Station housing (located on the northern site of the Habitat Conservation Area) for jogging, hiking, and biking (Dames and Moore 1996).

The natural habitat located in this portion of the Station is inhabited by many wildlife species. The area is heavily used by numerous wintering avian species, including neotropical birds and birds of prey. In addition to bird species, reptiles and mammals are also present in the natural area, as well as a smaller number of amphibian species (Dames and Moore 1996).

Based on recent field surveys by U.S. Fish and Wildlife Service (USFWS) in 1993 and a study by Dames and Moore (D&M), various sensitive species are known to occur at MCAS El Toro. These sensitive species include 1 amphibian, 3 reptilian, 12 avian, and 4 mammalian species that are known to occur at MCAS El Toro. Of these, only one species, the California gnatcatcher, is listed as threatened under the Federal Endangered Species Act, and none are listed under the California Endangered Species Act. Information on the presence of sensitive species was acquired through literature searches, including the California Natural Diversity Database Rarefind Reports, the Orange County database, and contacts with the USFWS and California Department of Fish and Game (Dames and Moore 1996). The sensitive species present at the Station are listed in Table 3-16 (Special-Status Wildlife Species at MCAS El Toro).

3.3.2 Wetlands and Waters

Wetlands are areas where soils are inundated or saturated by surface or ground water at a frequency or duration sufficient to support vegetation adapted to such conditions. Wetlands and waters of the U.S. are protected under Section 404 of the Clean Water Act. Dames and Moore (1996) reviewed and expanded upon the MCAS El Toro National Wetlands Inventory (1994) to identify two seasonal ponds and one natural spring as wetland features. Although the stock pond is artificial, it functions as a wetland important for wildlife habitat (Figure 3-8b). Borrego Canyon Wash and Agua Chinon Wash are considered waters of the U.S. If the Habitat Conservation Area remains as such, no permitting actions are anticipated. Projects such as flood control improvements, road maintenance, or recreational development may warrant permits in the future.

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 of 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 a 100-year flood plain. Existing drainage systems were developed for agricultural use, not for the increased flows generated by the urban development now surrounding the base. Approximately 15 acres of an agricultural lease were flooded and crops destroyed during the November 29, 1997 storm. The area included in the 100-year flood plain is shown in Figure 3-8c. The completion of the Orange County San Diego Creek Flood Control Master Plan should alleviate the flood hazard by the year 2001.

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 Station boundaries were identified.

A 1996 study (KEA 1996) covered approximately 1,100 acres in, around, and to the south of the natural area. Eight of the ten locations identified in the 1987 report were visited, and one additional location was identified on the central part of the Station near Building 772 and the golf course. Two sites from the 1987 study could

not be located. All eleven archaeological site locations are shown in Figure 3-8c. The recent study recommended that no further action be taken at the eight sites that could be located in the natural area because this area will be maintained as a wildlife preserve after the Station closes. The remaining site near the golf course was recommended for further evaluation of its archeological significance.

An archaeological survey has not been performed for the remainder of MCAS El Toro.

3.3.5 Historic Structures

MCAS El Toro was established during World War (WW) II and no structures earlier than this period are present at the Station. A survey of 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 Advisory Council on Historic Preservation. The survey reported that 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 theater (Building 271).

A 1996 study (JPR 1996) concluded that there is no evidence that a historic district of WW II-era buildings exists; that none of the post-WW II buildings are significant in the context of Cold War military developments; and that the possibility exists that four large, unmodified buildings from WW II (Buildings 271, 295, 296, and 297) could be significant individually, and should be further evaluated for potential National Register eligibility. The locations of these four buildings are shown in Figure 3-8c. Further, the report presents a proposal to accomplish inventory and evaluation efforts for Station buildings.

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. Due to the impacts of construction on the main portion of the Station, it is unlikely that any valuable paleontological resources still remain in this area. Therefore, a conservation plan would not be required for this developed portion of the Station. Because the natural area (approximately 1,200 acres) is in a relatively undisturbed state, any significant construction related to reuse will be addressed in the disposal/reuse EIS (Wilson, pers. com. 1994, 1995).

3.4 ENVIRONMENTAL CONDITION OF PROPERTY

Determining the ECP at MCAS El Toro involves categorizing the various LOCs identified at the Station into one of the seven DoD ECP categories identified in the BCP guidebook. LOCs are defined as locations or areas of environmental concern

such as IRP sites, USTs, ASTs, OWSs, less-than-90-day accumulation areas, PCB transformer locations, RFA SWMUs/AOCs, buildings with ACM, and miscellaneous areas such as areas of potential environmental concern identified in aerial photographs and personnel interviews. These items are discussed and tabulated in Sections 3.1 (Environmental Program Status) and 3.2 (Compliance Program Status).

The BCP Guidebook (August 1996 Addendum) defines the seven area types as follows:

1. areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas);

2. areas where release or disposal of only petroleum products has occurred;

3. areas where release of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action;

4. areas where release of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken;

5. areas where release of hazardous substances has occurred, and removal or remedial actions are underway, but not all required remedial actions have yet been taken;

6. areas where release of hazardous substances has occurred, but required actions have not yet been implemented; and

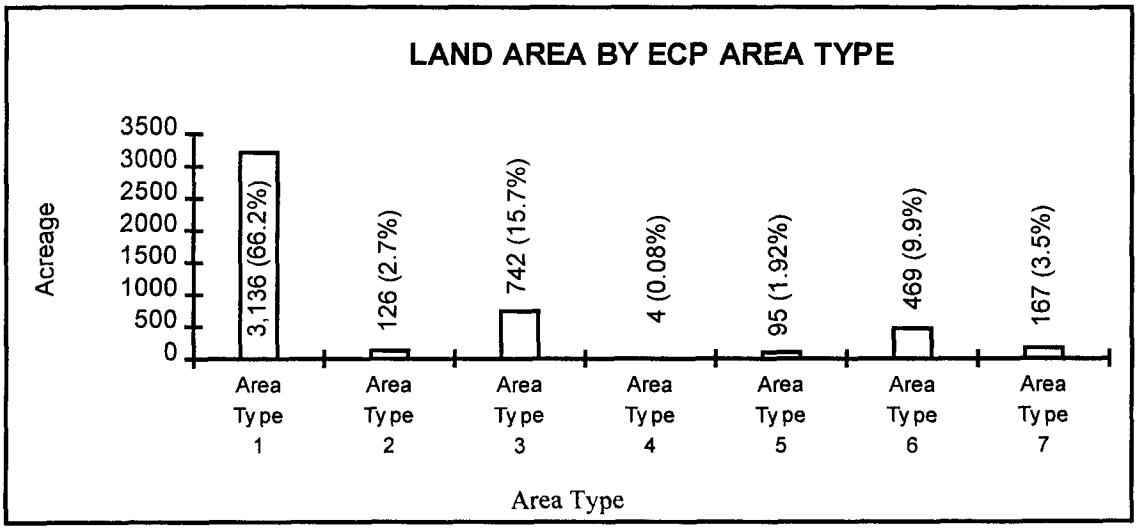
7. areas that are not evaluated or require additional evaluation.

The terms "contaminant" and "hazardous substance" used in these definitions and in the guidance refer to all CERCLA hazardous substances [42 *United States Code* 9601(14)]. Furthermore, area type 1, as defined by Section 120(h)(4) of CERCLA, specifically includes petroleum, petroleum products, oil, and lubricants.

Regulatory agencies, U.S. EPA, Cal-EPA, and the USMC have concurred that area type 1 parcels, which currently encompass approximately 3,136 acres, will be identified as CERFA uncontaminated and, therefore, will be suitable for transfer by deed. Area types 2 through 4 are also eligible for transfer by deed; however, they will not be recognized as CERFA uncontaminated parcels. The total land area available for transfer by deed (e.g. area types 1 through 4) equals 4,008 acres. Area types 5 through 7 are considered to be unsuitable for transfer by deed and will require additional investigation and/or remediation prior to transfer. Figure 3-10 (Suitability of Property for Transfer) shows the property that is suitable for transfer.

The current status of the ECP at MCAS El Toro has been evaluated for the BCP. Based on this evaluation, each LOC identified at the Station (Table 3-1a) has been assigned an area type. The area type boundaries are delineated in Figure 3-9 (Environmental Condition of Property). In this figure, each LOC is displayed with the buffer zone that was used in the final EBS. Each area type is assigned a unique color; a more limiting area type overwrites a less limiting area type when overlap of LOCs occurs. For example, area type 6 LOCs overlap area type 3 LOCs. Exhibit 3-9 shows the breakdown of Station land by area type. This information is taken from the final EBS and current information and is summarized in Table 3-16 (Summary of Land Area by ECP Area Type). The following sections summarize the types of LOCs in each of the seven area types.

Exhibit 3-9



Source: Table 3-17

3.4.1 Area Type 1 (Areas Where No Release or Disposal of Hazardous Substances or Petroleum Products [including migration] Has Occurred)

LOCs at the Station qualifying as area type 1 include the following:

SWMUs/AOCs that were evaluated in the preliminary review and visual site inspection portions of the RFA, and were found to be areas where no release, or disposal of hazardous materials occurred;

- UST locations where no releases have occurred, based on sampling results;
- PCB transformer locations where transformers are or were formerly operated, and no release is known to have occurred;
- accumulation areas and RFA SWMUs/AOCs that have shown no evidence of release as determined by visual inspections and/or soil sampling results; and

- Station buildings, including housing at MCAF Tustin. The presence of building materials such as ACMs, LBP, and/or PCBs (in light ballasts) will not affect the ability to transfer the building "as is." However, the DoN will need to disclose the known presence of these materials in buildings to any potential purchaser of the property.

3.4.2 Area Type 2 (Areas Where Only Release or Disposal of Petroleum Products Has Occurred)

LOCs identified at the Station as area type 2 include the following:

- petroleum UST sites where soil sample analytical results are available and indicate a release;
- petroleum hydrocarbon plumes;
- OWS sites where soil sample analytical results are available; and
- the fuel supply lines which have contained only petroleum products (since any related releases would consist of only petroleum products).

3.4.3 Area Type 3 (Areas of Contamination Below Action Levels)

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

- RFA SWMUs/AOCs that were included in the site visit and, based on the soil sample results, were recommended for no further action;
- portions of non-petroleum contaminant plumes that have reported contaminant concentrations between nondetects and applicable standards; and
- land between and under runways addressed in the polynuclear aromatic hydrocarbon (PAH) reference study (BNI 1996g). This land may have been contaminated through the use of herbicides and the spraying of oil (for dust control), but sampling results indicate no evidence of residual contamination.

3.4.4 Area Type 4 (Areas Where All Remedial Action Has Been Taken)

Area type 4 includes those LOCs where all remedialaction has been taken. LOCs identified on-Station as are type 4 include:

- IRP sites where all remedial action was completed (Site 19)

3.4.5 Area Type 5 (Areas of Known Contamination With Removal and/or Remedial Action Underway)

Area type 5 sites include those sites that have removal actions planned or response actions are being taken. LOCs identified on-Station as area type 5 include:

- IRP sites that had interim removal actions completed in 1997 (Sites 2 and 17); and even though IRP sites 2 and 17 have completed interim removal actions in 1997, final actions are planned to remediate the sites under CERCLA; and
- IRP sites or where other response actions are being taken (Site 24).

3.4.6 Area Type 6 (Areas of Known Contamination Where Required Response Actions Have Not Been Implemented)

Area type 6 sites are those areas where response actions have been identified but have not been implemented. LOCs identified on-Station as area type 6 include:

- IRP sites being evaluated in the ongoing RI/FS phase of the program;
- UST removal sites with known soil contamination that have not yet been remediated;
- RFA SWMUs/AOCs recommended for response actions in the RFA (e.g., repair of cracks in pavement, excavation of shallow stained soil);
- OWSs with RFA sampling results that indicate releases have likely occurred and will possibly require remediation (SWMUs/AOCs 173 and 175); and
- portions of non-petroleum contaminant plumes that have reported contaminant concentrations above applicable standards and required response actions have not been taken.

3.4.7 Area Type 7 (Areas That are Unevaluated or That Require Further Evaluation)

This category encompasses areas at the Station that, based on available information, are impacted by the ongoing military activities associated with a fully operational air station or are unevaluated or require additional evaluations. LOCs where data gaps exist are included in this category. Area type 7 LOCs include the following:

- USTs and ASTs that do not contain petroleum products, (these LOCs will require some further investigation to determine whether a release has occurred);

- USTs or ASTs that have not been evaluated;
- miscellaneous LOCs, including the following:
  - fuel supply pipelines within the Station's boundary,
  - silver-recovery unit locations,
  - former Desert Storm waste storage area near DRMO Storage Yard No. 3,
  - former water-tower locations (possible mercury releases),
  - active and inactive lined burn pits,
  - current and former pesticide storage areas,
  - PCB-transformer-storage areas, and
  - PCB-equipment-storage area.
- accumulation areas that were constructed after completion of the RFA and have not been visually inspected or sampled;
- aerial photograph features/anomalies recommended for detailed assessment and possible sampling; and
- locations of potential environmental concern identified in interviews with current and former Station personnel.

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 was made after preparation of CERFA and EBS documents. The USMC nominated area type 1 parcels as CERFA eligible. The U.S. EPA reviewed the final CERFA and EBS reports, dated April 1995, and concurred that 2,982 acres of MCAS El Toro is CERFA uncontaminated. Cal-EPA agreed with the U.S. EPA decision. Based on information compiled for the preparation of this BCP, area type 1 land currently totals 3,135.8 acres.

3.5 STATUS OF COMMUNITY INVOLVEMENT

Key components of the DoN community relations activities associated with IRP and RCRA activities include RAB meetings, fact sheets, site tours, workshops, and press releases as required by regulations and as needed by the impacted community. The community relations program is designed to be flexible, and to address changing site conditions and community concerns. The DoN has taken a proactive approach to community relations activities and intends to be open and responsive to the community during the IRP.

3.5.1 Community Relations Plan

As part of the IRP, a final updated Community Relations Plan was prepared and issued for MCAS El Toro in March 1996. The Community Relations Plan describes the approach USMC will use to address community concerns and issues. It also details outreach and participation activities designed to address community concerns and assure adequate and timely public participation in IRP activities. MCAS El Toro has recently reviewed its Community Relations Plan (CRP). The CRP continues to properly address the cleanup activities and community concerns regarding the environmental closure of MCAS El Toro.

3.5.2 Designated Contacts

The designated MCAS El Toro contacts are:

Joseph Joyce
BRAC Environmental Coordinator
MCAS El Toro
P.O. Box 95001
Santa Ana, CA 92709-5001
(714) 726-3470

Andy Bain
Community Relations Coordinator
U.S. Environmental Protection Agency
75 Hawthorne Street (H-1-1)
San Francisco, CA 94105
(800) 231-3075

Marsha Mingay
Public Participation Specialist
California Environmental Protection Agency
245 West Broadway, Suite 350
Long Beach, CA 90802-4444
(310) 590-4881

3.5.3 Information Repositories

An information repository has been established at the Heritage Park Regional Library, 14361 Yale Avenue, Irvine CA 92714, (714) 551-7151. This location contains documents related to the IRP process, including work plans, technical reports, and community relations materials (the Community Relations Plan, fact sheets, news releases, and RAB meeting minutes). After the Station is closed, the information repository will continue to house the IRP materials.

3.5.4 Administrative Record

The Administrative Record (AR) file is maintained at the MCAS El Toro Environmental Office (EO) along with a duplicate AR file at SWDIV in San Diego. Both are updated quarterly in accordance with CERCLA. The AR file includes all records of public involvement and all information on which the decisions for IRP remedial actions are based. A complete listing of the AR file is available at the MCAS El Toro information repository at the Heritage Park Regional Library.

3.5.5 Restoration Advisory Board

A Technical Review Committee (TRC) was formed in 1991 to provide a forum for public communications on proposed environmental issues. The TRC included representatives from MCAS El Toro, DoN, RWQCB Santa Ana Region, DTSC, and the local community. In September 1993, DoD issued guidance to implement President Clinton's Five-Point Plan for economic recovery, which resulted in conversion of MCAS El Toro TRC to a RAB.

The RAB, which uses the TRC membership as a nucleus, has been formed to provide input into the environmental closure process at MCAS El Toro. Membership to the RAB was sought through public notification in the *Orange County Register* and the Orange County edition of the *Los Angeles Times*. An introductory formation meeting was held on 13 January 1994. RAB members were initially selected from the responses to the notification and membership applications received. Final selection of RAB members was completed in April 1994. Mr. Greg Hurley, a community representative, is the co-chair for the RAB, along with the MCAS El Toro BEC. A mission statement and operating procedures document have been developed to provide a framework for the functions and administration of the RAB. The mission statement and operating procedures were updated by RAB members in July 1996.

The RAB holds organizational, informational, and formal meetings. Subcommittees have been formed to review documents associated with categories of major environmental activities occurring at the Station. The subcommittees will provide comments on the documents associated with these activities as they become available for review. Subcommittees have a standard 30-day review period in which to provide recommendations and comments to the BCT. The RAB and its subcommittees do not, however, serve as formal advisory bodies.

To date, the RAB has reviewed over 25 environmental documents developed by the DoN for MCAS El Toro. In 1997, the RAB and its subcommittees reviewed the following reports for MCAS El Toro [Comment Due dates are noted in brackets]:

- OU-2A (Site 24)
  - Draft Final Vadose Zone FS [11 April 1997]

  - Proposed Plan (Vadose Zone) [23 June 1997]
  - Draft Final Site 25 RI/FS Addendum [28 May 1997]
- OU-2B (Sites 2 & 17)
  - Draft Final FS (Site 17) [04 April 1997]
  - Draft Final FS (Site 2) [18 April 1997]
- OU-3A
  - Draft Final RI (Sites 4, 6, 8, 9, 10, 11, 12, 13, 15, 16, 19, 20, 21, and 22) [20 April 1997]
  - Proposed Plan (No Further Action, Sites 4, 6, 9, 10, 13, 15, 19, 20, 21, 22, and 25) [13 August 1997]

A subcommittee has been formed to review and provide comments on this revised BCP, as well.

All RAB meetings are open to the public and are announced in the *Orange County Register, Los Angeles Times,* and *Irvine World News* 1 week in advance. Technical presentations to assist RAB members in understanding complex environmental issues have been provided on an ongoing basis.

3.5.6 Mailing List

A mailing list of all interested parties in the community is maintained and updated on an ongoing basis. It contains all RAB members, Station housing residents, regulatory agencies, and interested members of the general public.

3.5.7 Fact Sheets

Fact sheets are used to inform the public of the status of the IRP and of significant events associated with environmental cleanup at MCAS El Toro. These fact sheets are required by both state and federal regulations at key milestones of the cleanup process. Some of these milestones are listed below:

- establishment of the RAB,
- commencement of the RI/FS,
- announcement of a proposed plan,
- completion of a final remedial design, and
- prior to the start of a planned removal action.

Fact sheets issued to date are as follows:

- November 1991, Information Update/IRP Process;
- December 1992, Information Update;
- December 1993, Phase I RI Results;
- December 1993, RAB Formation;
- July 1995, Information Update/Tank 398;
- October 1995, Information Update/Engineering Evaluation/Cost Analysis (EE/CA) Process;
- November 1995, MCAS El Toro Building 673-T3 Certification for Closure;
- April 1996, Looking Back - Moving Forward/Update on IRP Progress; and
- December 1996, Groundwater Remediation OU-1 and OU-2A.

These fact sheets are available at the information repositories.

3.5.8 Technical Assistance Grants

A Technical Assistance Grant program has been established by U.S. EPA to assist citizens' groups in understanding technical information that assesses potential hazards and the selection and design of appropriate response actions at Superfund sites. To date, no local community or environmental group in the MCAS El Toro area has requested or received such a grant.

3.5.9 Public Meetings

To date, the following public meetings on the environmental programs at MCAS El Toro have been held:

- 18 November 1991, Public Meeting;
- 19 and 20 June 1992, Open House;
- 13 January 1994, RAB Formation Meeting;
- 28 April 1994, First RAB Meeting;
- 02 June 1994, RAB Meeting;
- 25 August 1994, RAB Meeting;

- 12 October 1994, RAB Meeting;
- 13 December 1994, RAB Meeting;
- 31 January 1995, RAB Meeting;
- 28 February 1995, RAB Meeting;
- 30 March 1995, RAB Meeting;
- 21 and 22 April 1995, Site Tours;
- 27 April 1995, RAB Meeting;
- 25 May 1995, RAB Meeting;
- 27 July 1995, RAB Meeting;
- 31 August 1995, RAB Meeting;
- 28 September 1995, RAB Meeting;
- 26 October 1995, RAB Meeting;
- 30 November 1995, RAB Meeting;
- 31 January 1996, RAB Meeting;
- 23 and 24 February 1996, Site Tours;
- 28 February 1996, RAB Meeting;
- 24 April 1996, RAB Meeting;
- 29 May 1996, RAB Meeting;
- 31 July 1996, RAB Meeting;
- 25 September 1996, RAB Meeting;
- 04 December 1996, RAB Meeting;
- 30 January 1997, RAB Meeting;
- 26 February 1997, RAB Workshop;
- 26 March 1997, RAB Meeting;
- 30 April 1997, RAB Workshop;
- 28 May 1997, RAB Meeting;
- 25 June 1997, RAB Workshop;
- 06 August 1997, RAB Meeting;

- 27 August 1997, RAB Workshop;
- 24 September 1997, RAB Meeting;
- 29 October 1997, RAB Workshop; and
- 03 December 1997, RAB Meeting.

Table 3-1a
Site Summary
(Sheet 1 of 37)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
1	IRP 1	2F	E1	Explosive Ordnance Disposal Range (OU-3)	Excess ordnance including sulfur trioxide chlorosulfonic acid.	1952 to 1982	RI to begin in 1997.		FFA			6
2	IRP 2	5C	E1	Magazine Road Landfill (OU-2B)	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 and FS complete.	Scenario: Recreational Child Cancer Risk soil: 6.6×10^{-6} (9.0×10^{-6}) gw: 2.9×10^{-4} (5.7×10^{-4}) Noncancer Risk soil: 0.99; gw: 6.6	FFA			5*
3	IRP 3	2A	I2	Original Landfill (OU-2C)	Municipal solid waste, scrap metal, incinerator ash, construction debris, paint residues, unspecified oily wastes, industrial solvents, hydraulic fluid, and engine coolants.	1943 to 1955	RI and FS complete.	Scenario: Industrial Worker Cancer Risk - entire site soil: 5.6×10^{-7} (5.6×10^{-7}) gw: 6.1×10^{-6} (2.0×10^{-4}) Noncancer Risk - entire site soil: 0.066; gw: 1.9	FFA		Includes SWMUs/AOCs 10, 194, & 300	6
4	IRP 4	2A	I1	Ferrocene Spill Area (OU-3)	Ferrocene spill material from engine test cell.	1983	Record of Decision (ROD) Signed in September 1997.			X		3
5	IRP 5	3B	I3	Perimeter Road Landfill (OU-2C)	Municipal solid waste, unspecified fuels, solvents and cleaning fluids, scrap metals, paint residues, and unspecified oily wastes.	1955 to late 1960s	RI and FS complete.	Scenario: Recreational Child Cancer Risk soil: 8.0×10^{-8} (8.0×10^{-8}) gw: 8.1×10^{-5} (1.3×10^{-3}) Noncancer Risk soil: 0.0049; gw: 5.8	FFA		Coincides with INT LF2, formerly identified in interviews.	6
6	IRP 6	5A	B1	Drop Tank Drainage Area No. 1 (OU-3)	Rinsed aircraft drop tanks. Wastes included JP-5 and lubrication oils.	1969 to 1983	Draft RI submitted in 1996.		FFA	X	Includes SWMU/AOC 236	3
7	IRP 7	5A	A1	Drop Tank Drainage Area No. 2 (OU-3)	JP-5 and lubrication oils in rinse water from aircraft drop tanks.	1969 to 1983	RI to begin in 1997.		FFA			6
8	IRP 8	4B	M & A4b	DRMO Storage Yard (OU-3)	Release of PCB-containing transformer fluid.	Mid-1970s to present	Draft RI submitted in 1996.		FFA		Includes SWMUs/AOCs 71& 72	6
9	IRP 9	5A	A2	Crash Crew Pit No. 1 (OU-3)	Burned leaded AVGAS, JP-5, and crankcase oil in unlined pits for fire training.	1965 to 1971	Draft RI submitted in 1996.		FFA	X	Includes SWMUs/AOCs 104, 105, & 106	3
10	IRP 10	5A	A1	Petroleum Disposal Area (OU-3)	Crankcase oil, antifreeze, hydraulic and transmission fluids, motor fuel and solvent.	1952 to present	Draft RI submitted in 1996.		FFA	X		3
11	IRP 11	4A	A2	Transformer Storage Area (OU-3)	Stored PCB-containing transformers.	1968 to 1983	Draft RI submitted in 1996.		FFA			6

Table 3-1a
Site Summary
(Sheet 2 of 37)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
12	IRP 12	4B	A3	Sludge Drying Beds (OU-3)	Wastewater sludges applied to land.	1943 to 1972	Draft RI submitted in 1996.		FFA		Includes SWMU/AOC 90	6
13	IRP 13	1A	H1	Oil Change Area (OU-3)	Releases of crankcase oil.	1977 to 1983	Draft RI submitted in 1996.		FFA	X		3
14	IRP 14	1A	H1	Battery Acid Disposal Area (OU-3)	Vehicle battery acid, lubrication oil, and paint residue.	1977 to 1983	RI to begin in 1997.		FFA			6
15	IRP 15	1D	H2	Suspended Fuel Tanks (OU-3)	Diesel fuel leaked onto soil.	1979 to 1984	Unit 2: Draft RI submitted in 1996. Unit 1 was removed from the IRP and closed under the Petroleum Corrective Action Program on 14 May 97.		FFA	X		3
16	IRP 16	5A	H1	Crash Crew Pit No. 2 (OU-3)	Burned JP-5, AVGAS, hydraulic fluid, crankcase oil, white phosphorus, magnesium phosphate, and napalm in unlined pits for fire training.	1972 to 1985	Draft RI submitted in 1996.		FFA			6
17	IRP 17	5C	E1	Communications Station Landfill (OU-2B)	Landfilled cooking grease, oils, fuels, and municipal debris.	1981 to 1983	Draft RI and FS complete.	Scenario: Recreational Child Cancer Risk soil: 7.9×10^{-6} (1.4×10^{-5}) gw: 3.0×10^{-4} (7.1×10^{-4}) Noncancer Risk soil: 0.14; gw: 6.9	FFA			5*
18	IRP 18	NA	NA	VOC Contaminated Groundwater Emanating from Southwest Quadrant[2] (OU-1)	VOC contaminants in groundwater from source in southwest quadrant of Station.		RI\FS complete. PP in progress.		FFA			6
19	IRP 19	5A	B1	Aircraft Expeditionary Refueling (ACER) Site (OU-3)	Fuel storage area experienced minor fuel spills and leaks throughout operational history. A 15,000-gallon JP-5 spill occurred in 1986. Affected soil was excavated and replaced.	1964 to 1987	Units 2 & 3: Draft RI submitted in 1996. Unit 4: removed from IRP. Unit 1 was removed from the IRP and closed under the Petroleum Corrective Action Program on 14 May 97.		FFA	X		4

Table 3-1a
Site Summary
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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
20	IRP 20	1B	H2	Hobby Shop (OU-3)	Kerosene formerly used to wash down pavement, collected in oil/water separators that discharged to nearby drainage ditches; stained soil from petroleum products.	1967 to present	Units 1 & 4: Draft RI submitted in 1996. Unit 3 was removed from the IRP and closed under the Petroleum October Corrective Action Program (PCAP) on 13 Aug 96. Unit 2 was removed from the IRP and was closed on 28 October 1997.		FFA	X		3
21	IRP 21	4B	A4	Materials Management Group, Bldg. 320 (OU-3)	Outdoor drum storage area for chemical storage, including temporary storage of chemicals with expired shelf lives.	1964 to 1986	Draft RI submitted in 1996.		FFA	X	Includes SWMU/AOC 94	3
22	IRP 22	5A	A1	Tactical Air Fuel Dispensing System (TAFDS) (OU-3)	Air fueling station with history of undocumented fuel spills and leaks; location of several fuel bladder revetments.	1980 to 1986	Draft RI submitted in 1996.		FFA	X		3
23	IRP 24		A1, A2, A4, A4a, A4b, M	VOC Source Area[4] (OU-2A)	Various activities in this area, including former metal plating operations, may have contributed to the regional VOC groundwater contamination.		RI and FS complete.	Scenario: Resident Adult Cancer Slope Factors soil: 2.2×10^{-8} gw: 2.0×10^{-3} (downgradient) Scenario: Resident Child Cancer Slope Factors soil: 9.4×10^{-9} gw: 7.4×10^{-4} (downgradient)	FFA		Includes SWMU/AOC 265	5*
24	IRP 25	NA	NA	Major Drainages (OU-2A)	Four drainage channels that flow through or adjacent to the Station and receive storm water discharges from the Station.		Draft RI submitted in 1997.		FFA	x	Includes SWMUs/AOCs 3, 4, 5, and 11	3
25	APHO 1	1A	H1	Stain							See Table 3-1b	7
26	APHO 2	2A	R	Open storage, drum							See Table 3-1b	7
27	APHO 3	2A	R	Open storage, drum							See Table 3-1b	7
28	APHO 4	2A	Q	Stain							See Table 3-1b	7
29	APHO 5	1D	H2	Open storage							See Table 3-1b	7
30	APHO 6	4A	A2	Impoundment							See Table 3-1b	7
31	APHO 7	4A		Wet soil, stain, open storage							See Table 3-1b	7
32	APHO 8	5A	J2	Open storage, refuse, excavation, fill area							See Table 3-1b	7
33	APHO 9	5A	K	Liquid							See Table 3-1b	7
34	APHO 10	5A		Open storage							See Table 3-1b	7

Table 3-1a
Site Summary
(Sheet 4 of 37)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
35	APHO 11	4A	A2	Trench, disturbed ground							See Table 3-1b	7
36	APHO 12	3A	J1	Wet soil							See Table 3-1b	7
37	APHO 13	2B	I2	Drum							See Table 3-1b	7
38	APHO 14	2B	I2	Stain, wet soil							See Table 3-1b	7
39	APHO 15	5A	H1	Stain							See Table 3-1b	7
40	APHO 16	1A	H1	Wet soil, liquid							See Table 3-1b	7
41	APHO 17	4A	A1	Stain							See Table 3-1b	7
42	APHO 18	4A	A1	Stain							See Table 3-1b	7
43	APHO 19	4A	A1	Stain, liquid							See Table 3-1b	7
44	APHO 20	3B	J2	Excavation, liquid							See Table 3-1b	7
45	APHO 21	3A	J4A	Open storage, drum							See Table 3-1b	7
46	APHO 22	1A	H1	Stain, Drum							See Table 3-1b	7
47	APHO 23	5A	H1	Fuel bladder revetment, stain							See Table 3-1b	7
48	APHO 24	5A	K	Extraction							See Table 3-1b	7
49	APHO 25	2A	I2	Mounded material, refuse							See Table 3-1b	7
50	APHO 26	2A	K	Excavation, liquid							See Table 3-1b	7
51	APHO 27	1A	H1	Stain, wet soil							See Table 3-1b	7
52	APHO 28	2A	I1	Liquid							See Table 3-1b	7
53	APHO 29	1A	H1	Wet soil, liquid							See Table 3-1b	7
54	APHO 30	5B	G3	Unidentified object							See Table 3-1b	7
55	APHO 31	3B	J2	Disturbed ground, mounded material dark-toned, unidentified							See Table 3-1b	7
56	APHO 32	5A	H1	Stain							See Table 3-1b	7
57	APHO 33	1D	H2	Open storage							See Table 3-1b	7
58	APHO 34	1A	H1	Stain, unidentified object, vertical tank							See Table 3-1b	7
59	APHO 35	2A	I1	Open storage							See Table 3-1b	7
60	APHO 36	2A	I2	Wet soil							See Table 3-1b	7
61	APHO 37	5A	I1	Stain							See Table 3-1b	7
62	APHO 38	3A	J4	Excavation							See Table 3-1b	7
63	APHO 39	5A	K	Wet soil, stain, horizontal tank							See Table 3-1b	7
64	APHO 40	1B	H1	Drum							See Table 3-1b	7
65	APHO 41	1A	H1	Stain, wet soil							See Table 3-1b	7
66	APHO 42	3A	B1	Wet soil							See Table 3-1b	7
67	APHO 43	3B	J2	Excavation							See Table 3-1b	7

Table 3-1a
Site Summary
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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
68	APHO 44	5C	E1	Disturbed ground, mounded material							See Table 3-1b	7
69	APHO 45	2B	I2	Wet soil, stain, liquid, drum							See Table 3-1b	7
70	APHO 46	3B	J2	Impoundment, fill area, excavation							See Table 3-1b	7
71	APHO 47	2B	I2	Open storage, bldg., debris							See Table 3-1b	7
72	APHO 48	2B	I2	Open storage, drum							See Table 3-1b	7
73	APHO 49	5A	K	Wet soil, liquid							See Table 3-1b	7
74	APHO 50	5A	I1	Trench							See Table 3-1b	7
75	APHO 51	3B A	J4	Stain							See Table 3-1b	7
76	APHO 52	1A	H1	Stain							See Table 3-1b	7
77	APHO 53	1A		Stain							See Table 3-1b	7
78	UST 1A	1C	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
79	UST 1B	1C	H2	500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
80	UST 6B	5A	H1	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
81	UST 11	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
82	UST 12	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
83	UST 13	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
84	UST 14	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
85	UST 24	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
86	UST 32	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
87	UST 33	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
88	UST 34	1D	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
89	UST 35	1D	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
90	UST 37	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
91	UST 38	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	7
92	UST 40	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
93	UST 41	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
94	UST 42	1D	H1	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2
95	UST 43	1D	H1	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
96	UST 44	1D	H1	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
97	UST 45	1D	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
98	UST 46	1D	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
99	UST 47A	1D	H1	1500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
100	UST 47B	1D	H1	1500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
101	UST 53	1D	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
102	UST 54A	1C	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[3]
103	UST 54B	1C	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
104	UST 54C	1C	H1	1400 gal.	Diesel (stored)		Removed		R/O		See Table 3-6	7*
105	UST 55A	1C	H1	5000 gal.	Unknown	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
106	UST 55B	1C	H1	5000 gal.	Unknown	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
107	UST 56A	1C	H1	550 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
108	UST 56B	1C	H1	1400 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	7
109	UST 57	1C	H2	15000 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
110	UST 58	1C	H2	5300 gal.	Diesel (stored)	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
111	UST 59	1C	H2	5300 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
112	UST 60	1C	H2	2000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
113	UST 62	1C	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
114	UST 63A	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
115	UST 63B	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
116	UST 65A	1C	H2	1400 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
117	UST 66A	1B	H2	1100 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
118	UST 66B	1B	H2	1500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
119	UST 66C	1B	H2	1500 gal.	Diesel/Oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
120	UST 67A	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
121	UST 67B	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
122	UST 68	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
123	UST 69	1B	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
124	UST 70	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
125	UST 71	1B	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
126	UST 72	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
127	UST 73	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
128	UST 74	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
129	UST 75A	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
130	UST 75B	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
131	UST 75C	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
132	UST 77	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
133	UST 78	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
134	UST 79	1B	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
135	UST 80	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
136	UST 81	1B	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
137	UST 82	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
138	UST 83A	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2
139	UST 83B	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
140	UST 84A	1B	H2	1500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
141	UST 84B	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
142	UST 94	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
143	UST 98A	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
144	UST 105A	2A	I2	1000 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
145	UST 105B	2A	I2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
146	UST 114A	5A	I1	1500 gal.	Fuel oil (stored)	Inst. 1966	Closed		RWQCB	X	See Table 3-6	2*
147	UST 114B	5A	I1	560 gal.	Diesel (stored)	Inst. 1966	Removed		R/O		See Table 3-6	2*
148	UST 115A	5A	I1	650 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
149	UST 115B	5A	I1	560 gal.	Fuel oil (stored)	Inst. 1966	Closed		R/O	X	See Table 3-6	7*
150	UST 116	5A	I1	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
151	UST 117	5A	I1	500 gal.	Diesel (stored)	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
152	UST 126	2A	I1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
153	UST 130A	2A	R	1500 gal.	Diesel (stored)	unknown	Removed		R/O		See Table 3-6	2*
154	UST 130B	2A	R	1500 gal.	Diesel (stored)	unknown	Removed		R/O		See Table 3-6	2*
155	UST 133	2A	R	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
156	UST 138	2A	I1	1000 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
157	UST 146	1C	H2	2600 gal.	Unknown	unknown	Closed		OCHCA	X	See Table 3-6	2*
158	UST 159	4B	A3	200 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
159	UST 175	1D	K	10000 gal.	Kerosene (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
160	UST 176	1A	H1	25000 gal.	Av.Gas, wastewater (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
161	UST 177	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
162	UST 178	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 48	2*
163	UST 179	1A	H1	25000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 49	2*
164	UST 180	1A	H1	25000 gal.	Av.Gas, wastewater (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 51	2*
165	UST 181	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
166	UST 182	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 52	2*
167	UST 183	1A	H1	25000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
168	UST 184	1D	H3	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
169	UST 185	1D	H3	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
170	UST 186	1D	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 275	2*
171	UST 187	1D	H1	50000 gal.	Aviation Gas/JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 276	2*
172	UST 188	1A	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 277	2*
173	UST 189	1A	H1	50000 gal.	Waste Oil (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 57	2*
174	UST 190	1A	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 278	2*
175	UST 191	1A	H1	25000 gal.	Waste Oil (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 59	2*
176	UST 192	1A	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
177	UST 193	1A	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 279	2*
178	UST 194	1A	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
179	UST 195	1A	H1	25000 gal.	Waste Fuel (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 280	2*
180	UST 196	2A	Q	25000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
181	UST 197	2A	Q	50000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
182	UST 198	2A	Q	50000 gal.	JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
183	UST 199	2A	Q	25000 gal.	JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
184	UST 200	2A	Q	25000 gal.	JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
185	UST 201	2A	Q	50000 gal.	JP-4 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
186	UST 202	2A	Q	50000 gal.	JP-4 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
187	UST 203	2A	Q	25000 gal.	JP-4 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
188	UST 204	5A	Q	50000 gal.	Diesel (stored)	Inst. 1943	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 60	2*
189	UST 205	5A	Q	25000 gal.	R JP-5 (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 61	2*
190	UST 206	5A	Q	50000 gal.	Unleaded (stored)	Inst. 1943	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 62	7
191	UST 207	5A	Q	50000 gal.	Unleaded (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 63	7
192	UST 208	2A	I1	50000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
193	UST 209	2A	I1	25000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
194	UST 210	2A	I1	25000 gal.	Aviation Gas, JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
195	UST 211	2A	I1	50000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
196	UST 212	2A	I1	50000 gal.	Aviation Gas, JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
197	UST 213	2A	I1	25000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
198	UST 214	2A	I1	25000 gal.	Aviation Gas, JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
199	UST 215	2A	I1	50000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
200	UST 216	2A	I1	50000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
201	UST 217	2A	I1	25000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
202	UST 218	2A	I1	25000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
203	UST 219	1B	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
204	UST 220	1B	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
205	UST 221	1B	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
206	UST 224	1D	H1	500 gal.	Fuel Oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
207	UST 240A	1A	H1	8000 gal.	Aviation Gas (stored)	Inst. 1944	Removed		R/O		See Table 3-6	2*
208	UST 240B	1A	H1	185 gal.	Waste Oil (stored)	Inst. 1982	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 65	2*
209	UST 241	1A	H1	850 gal.	Diesel (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
210	UST 243	1A	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Removed		R/O		See Table 3-6	2*
211	UST 247	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
212	UST 248	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
213	UST 249	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
214	UST 250	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
215	UST 251	1D	H2	2000 gal.	Fuel oil (stored)	Inst. 1944	Removed		R/O		See Table 3-6	2*
216	UST 252	1D	H2	1400 gal.	Diesel (stored)		Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 281	2*
217	UST 253	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Inactive		OCHCA		See Table 3-6	2*
218	UST 254	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1958	Inactive		R/O		See Table 3-6	2*
219	UST 255	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Inactive		R/O		See Table 3-6	2*
220	UST 256	1C	H1	2000 gal.	Fuel oil (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
221	UST 257	1C	H2	1400 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
222	UST 258	1C	H2	1400 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
223	UST 260	1C	H2	2600 gal.	Fuel oil (stored)	Inst. 1945	Removed		OCHCA		See Table 3-6	2*
224	UST 262A	1B	H2	2600 gal.	Diesel (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
225	UST 262B	1B	H2	2600 gal.	Diesel (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
226	UST 263	1B	H2	3400 gal.	Diesel (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
227	UST 264	1B	H2	3400 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
228	UST 265	1B	H2	1400 gal.	Diesel (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*
229	UST 266	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
230	UST 267	1B	H2	1400 gal.	Unknown	Inst. 1945	Removed		OCHCA		See Table 3-6	2*
231	UST 268	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
232	UST 269	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
233	UST 270	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[3]
234	UST 271A	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
235	UST 271B	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
236	UST 271C	1B	H1	650 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
237	UST 271D	1B	H1	650 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
238	UST 272	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
239	UST 273	1B	H1	300 gal.	Fuel oil (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
240	UST 274	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
241	UST 275	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Inactive		R/O		See Table 3-6	2*
242	UST 276	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
243	UST 277	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
244	UST 278A	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Inactive		R/O		See Table 3-6	7
245	UST 278B	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
246	UST 279	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	7
247	UST 280	1B	H2	2000 gal.	Diesel (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
248	UST 281	1B	H1	2000 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
249	UST 282	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
250	UST 283	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
251	UST 284	1B	H2	2000 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
252	UST 285	1B	H1	2000 gal.	Fuel oil (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
253	UST 288	5A	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
254	UST 292	2A	I1	1400 gal.	Diesel (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
255	UST 294	5A	B1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
256	UST 295	5A	A1	1000 gal.	Diesel (stored)	Inst. 1984	Closed		RWQCB	X	See Table 3-6	2
257	UST 296	5A	A1	6000 gal.	Diesel (stored)	Inst. 1984	Closed		RWQCB	X	See Table 3-6	2
258	UST 297A	5A	A1	6000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2*
259	UST 297C	5A	A1	185 gal.	Waste Oil (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 77	2*
260	UST 298A	4A	A2	3000 gal.	Unleaded (stored)	Inst. 1944	Active		R/O		See Table 3-6	7
261	UST 298B	4A	A2	2000 gal.	Diesel (stored)	Inst. 1944	Active		R/O		See Table 3-6	7
262	UST 298D	4A	A2	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 85	2*
263	UST 304	4A	A2	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
264	UST 306	4A	A2	500 gal.	Diesel (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
265	UST 314A	4A	A1	50000 gal.	Diesel (stored)	Inst. 1945	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 91	2*
266	UST 314B	4A	A1	50000 gal.	Diesel (stored)	Inst. 1945	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 92	2*
267	UST 314D	4A	A1	3000 gal.	Diesel fuel or fuel oil (stored)	Unknown	Removed		OCHCA		See Table 3-6	2*
268	UST 321	4B	A4	1000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2
269	UST 322B	4B	A3	530 gal.	Diesel (stored)	unknown	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 282	2*
270	UST 324A	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
271	UST 324B	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
272	UST 324C	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
273	UST 324D	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
274	UST 324E	4A	A1	2000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2*
275	UST 324F	4A	A1	2000 gal.	Fuel Oil (stored)	unknown	Removed		R/O		See Table 3-6	7
276	UST 326A	4A	A1	1700 gal.	JP-5 (stored)	Inst. 1945	Abandoned		R/O		See Table 3-6	2*
277	UST 326B	4A	A1	250 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 283	2*
278	UST 327	1C	H1	2600 gal.	Diesel (stored)	Inst. 1945	Removed		RWQCB	X	See Table 3-6	2*
279	UST 328	1C	H1	2600 gal.	Diesel (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
280	UST 329	1C	H2	3100 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
281	UST 335	4A	A2	4000 gal.	Fuel oil (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
282	UST 337A	1B	H1	2600 gal.	Fuel oil (stored)	Inst. 1946	Removed		R/O		See Table 3-6	2*
283	UST 337B	1B	H1	2600 gal.	Fuel oil (stored)	Inst. 1946	Removed		R/O		See Table 3-6	2*
284	UST 347A	1B	H2	5000 gal.	Gasoline (stored)	Inst. 1948	Closed		OCHCA	X	See Table 3-6	2*
285	UST 347B	1B	H2	7500 gal.	Gasoline (stored)	Inst. 1948	Closed		OCHCA	X	See Table 3-6	2
286	UST 347C	1B	H2	10000 gal.	Gasoline (stored)	Inst. 1948	Closed		OCHCA	X	See Table 3-6	2*
287	UST 347D	1B	H2	300 gal.	Waste oil (stored)	Inst. 1948	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 284	2*
288	UST 351	1D	H3	500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
289	UST 359A	4B	A4	1000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 303	2
290	UST 359C	4B	A4	500 gal.	Hazardous Waste (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 102	2*
291	UST 364A	1G	C2	2000 gal.	Fuel oil (stored)	Inst. 1952	Removed		R/O		See Table 3-6	2*
292	UST 364B	1G	C2	5300 gal.	Fuel oil (stored)	Inst. 1952	Closed		RWQCB	X	See Table 3-6	2*
293	UST 365	1G	C2	2500 gal.	Diesel (stored)	Inst. 1954	Closed		R/O		See Table 3-6	2*
294	UST 366	1G	C2	2500 gal.	Diesel (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2*
295	UST 367	1G	C2	2500 gal.	Diesel (stored)	Inst. 1954	Abandoned		R/O		See Table 3-6	2*
296	UST 368	4A	A2	2000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2
297	UST 369	4A	A2	4000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2
298	UST 372A	5A	Q	1000 2000 gal.	Diesel (stored)	Inst. 1954	Active		R/O		See Table 3-6	2*
299	UST 372B	5A	Q	2500 gal.	Diesel (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2*
300	UST 374A	3A	B1	42000 gal.	Diesel (stored)	Inst. 1954	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 263	2*
301	UST 374B	3A	B1	10000 gal.	Diesel (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2*
302	UST 375	1D	H3	10000 gal.	Fuel oil (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2
303	UST 380A	2A	I2	10500 gal.	Diesel (stored)	Inst. 1954	Removed		RWQCB		See Table 3-6	2*
304	UST 380B	2A	I2	600 gal.	Motor Gas (stored)	Inst. 1954	Removed		R/O		See Table 3-6	2*
305	UST 386A	4A	A2	1500 gal.	Fuel Oil (stored)	Inst. 1984	Removed		R/O		See Table 3-6	2*
306	UST 386C	4A	A2	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 113	2*
307	UST 388A	4A	A1	500 gal.	Diesel (stored)	Inst. 1955	Closed		OCHCA	X	See Table 3-6	2
308	UST 388B	4A	A1	2000 gal.	Diesel (stored)	Inst. 1955	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 117	7
309	UST 390A	3A	J4	550 gal.	Diesel (stored)	Inst. 1955	Removed		R/O		See Table 3-6	2*
310	UST 390B	3A	J4	2000 gal.	Diesel (stored)	Inst. 1955	Removed		R/O		See Table 3-6	2*
311	UST 392A	2A	I2	500 or 550 gal.	Unleaded (stored)	Inst. 1955	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 298	2*
312	UST 392B	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1955	Closed		OCHCA	X	See Table 3-6	7
313	UST 392C	2A	I2	size unknown	Diesel (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
314	UST 392D	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1955	Removed		OCHCA		See Table 3-6	2*
315	UST 392E	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1988	Active		R/O		See Table 3-6	2*
316	UST 392F	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1988	Active		R/O		See Table 3-6	2*
317	UST 398	5A	I1	108000 gal.	JP-5 (stored)	Inst. 1956	Removed		R/O		See Table 3-6	2*
318	UST 399	5A	K	500 gal.	Diesel (stored)	Inst. 1955	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 285	2*
319	UST 404	5A	B1	1000 gal.	Diesel (stored)	Inst. 1957	Active		R/O		See Table 3-6	7
320	UST 405	3A	B1	1200 gal.	Diesel (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
321	UST 406	3A	B1	1200 gal.	Diesel (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
322	UST 418		H1	550 gal.	Fuel oil (stored)	Inst. 1956	Closed		OCHCA	X	See Table 3-6	
323	UST 435	5A	A1	1000 gal.	Diesel (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
324	UST 439A	1G	C2	5000 gal.	Fuel oil (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
325	UST 439B	1G	C2	5000 gal.	Fuel oil (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
326	UST 442	3A	B1	110 gal.	Fuel oil (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2
327	UST 443	1G	C2	1000 gal.	Diesel (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
328	UST 445A	4A	A1	10000 gal.	Unknown	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
329	UST 445B	4A	A1	10000 gal.	JP-5 (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
330	UST 447A	3A	B1	10000 gal.	JP-5 (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	7
331	UST 447B	3A	B1	10000 gal.	JP-5 (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	7
332	UST 449	1G	C1	3000 gal.	Fuel oil (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
333	UST 450	1G	C1	3000 gal.	Diesel (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
334	UST 451	1G	C1	3000 gal.	Diesel (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
335	UST 452	1G	C1	3000 gal.	Diesel (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
336	UST 453	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		OCHCA	X	See Table 3-6	2*
337	UST 454	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		OCHCA	X	See Table 3-6	2*
338	UST 455	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		RWQCB	X	See Table 3-6	2
339	UST 457	3A	J1	2000 gal.	Diesel (stored)	Inst. 1960	Closed		OCHCA	X	See Table 3-6	2
340	UST 461	5A	B1	550 gal.	Diesel (stored)	Inst. 1960	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 137	2*
341	UST 462	5A	B1	550 gal.	Diesel (stored)	Inst. 1960	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 139	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
342	UST 463	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 249	2*
343	UST 473A	1B	H2	1500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
344	UST 473B	1C	H2	1500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
345	UST 493	4B	A3	1500 gal.	Diesel (stored)	Inst. 1944	Inactive		R/O		See Tables 3-6 and 3-12 SWMU/AOC 143	7
346	UST 529	4A	A2	25000 gal.	Waste Oil (stored)	Inst. 1944	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 145	2*
347	UST 547	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
348	UST 548	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
349	UST 549	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
350	UST 550	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
351	UST 551	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
352	UST 553	2D	E1	10000 gal.	Gasoline (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
353	UST 554	2D	E1	10000 gal.	Kerosene (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
354	UST 568	5C	E1	500 gal. 250 gal.	Diesel (stored)	Inst. 1956	Active		R/O		See Table 3-6	7
355	UST 579	3F	J5	320 gal.	Unknown	Inst. 1957	Closed		OCHCA	X	See Table 3-6	2
356	UST 581	2B	I2	550 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
357	UST 605A	5A	I1	1700 gal.	Diesel (stored)	Inst. 1965	Closed		RWQCB	X	See Table 3-6	2*
358	UST 605B	5A	I1	500 gal.	Diesel (stored)	Inst. 1965	Active		R/O		See Table 3-6	2*
359	UST 606A	5A	I1	1700 gal.	Diesel (stored)	Inst. 1965	Closed		RWQCB	X	See Table 3-6	2*
360	UST 610	2A	R	300 gal.	Gasoline (stored)	Inst. 1966	Closed		OCHCA	X	See Table 3-6	2
361	UST 625	1B	H1	1500 gal.	Waste Oil (stored)	Inst. 1967	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 156	2*
362	UST 627	3F	J5	size unknown	Diesel (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*
363	UST 634	2A	R	10000 gal.	Fuel oil (stored)	Inst. 1969	Closed		OCHCA	X	See Table 3-6	2*
364	UST 636	3A	J1	1500 gal.	Diesel (stored)	Inst. 1969	Closed		OCHCA	X	See Table 3-6	2*
365	UST 637-1	2A	R	12000 gal.	Unleaded (stored)	Inst. 1969	Active		R/O		See Table 3-6	7
366	UST 637-2	2A	R	12000 gal.	Unleaded (stored)	Inst. 1969	Active		R/O		See Table 3-6	7
367	UST 637-3	2A	I2	12000 gal.	Unleaded (stored)	Inst. 1969	Active		R/O		See Table 3-6	7
368	UST 643A	5A	I1	185 gal.	Waste oil (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 162	2*
369	UST 651-1	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
370	UST 651-2	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
371	UST 651-3	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
372	UST 651-4	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
373	UST 651-5	1G	C2	500 gal.	Waste Oil (stored)	Inst. 1971	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 166	7

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
374	UST 651-6	1G	C2	500 gal.	Motor Oil (stored)	Inst. 1971	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 167	7
375	UST 651-7	1G	C2	500 gal.	Motor Oil (stored)	Inst. 1971	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 168	7
376	UST 655	4A	A1	2000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 250	2
377	UST 658A	2A	I1	10000 gal.	JP-5 (stored)	Inst. 1972	Inactive		R/O		See Table 3-6	7
378	UST 658B	2A	I1	10000 gal.	JP-5 (stored)	Inst. 1972	Inactive		R/O		See Table 3-6	7
379	UST 662	1G	C2	10000 gal.	Fuel oil (stored)	Inst. 1973	Closed		OCHCA	X	See Table 3-6	2
380	UST 672	4A	A1	500 gal.	Waste JP-5 (stored)	Inst. 1972	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 174	7
381	UST 672B	4A	A1	1000 gal.	Waste Oil (stored)	Inst. 1972	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 176	2*
382	UST 673B	3A	J4	300 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 180	2*
383	UST 674A	4B	A3	500 gal.	Waste oil (stored)	Inst. 1982	Closed/Abandoned		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 187	2*
384	UST 675A	4B	M	500 gal.	Waste oil (stored)	Inst. 1982	Closed/Abandoned		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 188	5*
385	UST 693A	1G	C2	500 gal.	Diesel (stored)	Inst. 1975	Closed		OCHCA	X	See Table 3-6	2*
386	UST 693B	1G	C2	500 gal.	Diesel (stored)	Inst. 1975	Closed		OCHCA	X	See Table 3-6	1*
387	UST 706	3A	B1	100 gal.	Diesel (stored)	Inst. 1984	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 191	2*
388	UST 716A	5A	I1	3000 gal.	Waste Oil (stored)	Inst. 1976	Inactive		R/O		See Tables 3-6 and 3-12 SWMU/AOC 192	7
389	UST 718	1B	H2	4000 gal.	Fuel oil (stored)	Inst. 1978	Closed		OCHCA	X	See Table 3-6	2
390	UST 730	1A	H1	1000 gal.	Diesel (stored)	Inst. 1978	Active		R/O		See Table 3-6	7
391	UST 733A	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Table 3-6	2*
392	UST 733B	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 286	2*
393	UST 733C	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 287	2*
394	UST 733D	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Table 3-6	2*
395	UST 758B	4A	A2	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 197	2*
396	UST 759B	4A	A1	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 200	2*
397	UST 760A	4A	A1	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 202	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
398	UST 761B	5A	B1	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 206	2*
399	UST 762B	3A	J4	185 gal.	Waste Oil (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 209	2*
400	UST 763B	5A	I1	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 212	2*
401	UST 764A	2A	I2	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 214	2*
402	UST 765A	1A	H1	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 217	7
403	UST 766B	1A	H1	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 221	2*
404	UST 782	3A	J1	1000 gal.	Gasoline (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*
405	UST 797	1A	H1	10000 gal.	Aviation Gas (stored)	Inst. 1985	Active		R/O		See Table 3-6	7
406	UST 800A	4B	M	10000 gal.	Diesel (stored)	Inst. 1984	Active		R/O		See Table 3-6	7
407	UST 800B	4B	M	10000 gal.	Kerosene (stored)	Inst. 1984	Active		R/O		See Table 3-6	7
408	UST 800C	4B	M	10000 gal.	Diesel (stored)	Inst. 1984	Active		R/O		See Table 3-6	7
409	UST 800D	4B	M	1000 gal.	Waste Oil (stored)	Inst. 1984	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 230	7
410	UST 800E	4B	M	1000 gal.	Waste Oil (stored)	Inst. 1984	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 231	2*
411	UST 850A	5A	K	5000 gal.	JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 288	7
412	UST 850B	5A	K	5000 gal.	JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 289	7
413	UST 891A	5A	B1	30000 gal.	JP-5 (stored)	Inst. 1990	Active		R/O		See Table 3-6	7
414	UST 891B	5A	B1	30000 gal.	JP-5 (stored)	Inst. 1990	Active		R/O		See Table 3-6	7
415	UST 891C	5A	B1	2500 gal.	JP-5 (stored)	Inst. 1990	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 20	7
416	UST 902A	5A	Q	50000 gal.	JP-5 (stored)	Inst. 1993	Active		R/O		See Table 3-6	7
417	UST 902B	5A	Q	50000 gal.	JP-5 (stored)	Inst. 1993	Active		R/O		See Table 3-6	7
418	UST 902C	5A	Q	2500 gal.	JP-5 (stored)	Inst. 1993	Active		R/O		See Table 3-6	7
419	UST 5101	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
420	UST 5102	1D	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
421	UST 5201	2B	I2	300 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
422	UST 5202	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
423	UST 5203	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
424	UST 5204	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
425	UST 5205	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
426	UST 5206	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
427	UST 5207	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
428	UST 5208	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
429	UST 5209	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
430	UST 5210	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
431	UST 5211	2B	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
432	UST 5212	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
433	UST 5213	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
434	UST 5214	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
435	UST 5215	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
436	UST 5216	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
437	UST 5217	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
438	UST 5218	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
439	UST 5219	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
440	UST 5220	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
441	UST 5221	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
442	UST 5222	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
443	UST 5223	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
444	UST 5224	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
445	UST 5225	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
446	UST 5226	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
447	UST 5227	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
448	UST 5228	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
449	UST 5229	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
450	UST 5230	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
451	UST 5231	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
452	UST 5232	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
453	UST 5233	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
454	UST 5234	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
455	UST 5235	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
456	UST 5236	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
457	UST 5237	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
458	UST 5238	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
459	UST 5239	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
460	UST 5240	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
461	UST 5241	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
462	UST 5242	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
463	UST 9001		E1	10000 gal.	Diesel (stored)	Unknown	Closed		OCHCA	X	See Table 3-6	2

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
464	UST 9002		E1	5000 gal.	Diesel (stored)	Unknown	Closed		OCHCA	X	See Table 3-6	2
465	UST T-1	2D	E1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 23	2*
466	UST T-2	5A	Q	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 18	2*
467	UST T-3	2A	I1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 19	2*
468	UST T-4	1A	H1	2000 gal.	Waste Oil (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 58	2*
469	UST T-5	1A	H1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 17	2*
470	UST T-6	2A	I1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 21	2*
471	UST T-7	5A	Q	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 24	2*
472	UST T-8	2A	I1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 22	2*
473	UST T-9	5A	Q	2000 gal.	JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 228	2*
474	UST T-10	5A	K	1000 gal.	JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 108	2*
475	UST T-11	5A	A1	1000 gal.	JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 75	2*
476	AST 126	2A	I1	300 gallons	Oil (stored)		Removed			X	See Table 3-7; not plotted on BCP figures	1*
477	AST 155	5A	K	200 gallons - HT	Lube Oil or Diesel Fuel (stored)		Active				See Table 3-7	2
478	AST 245	1A	H1	1,000 gallons - HT	Propane or Air (stored)		Active				See Table 3-7	2
479	AST 317	4B	A4	275 gallons - HT	Fuel Oil (stored)		Removed			X	See Table 3-7	1
480	AST 318	4B	A4	275 gallons - HT	Fuel Oil (stored)		Removed			X	See Table 3-7	1
481	AST 319	4B	A4a	275 gallons - HT	Fuel Oil (stored)		Removed			X	See Table 3-7	1
482	AST 322	4B	A3	1,080 gallons	Diesel (stored)		Inactive				See Table 3-7	2
483	AST 335	4A	A2	650 gallons	Diesel (stored)		Inactive				See Table 3-7	2
484	AST 372	Bldg 724?		275 gallons	Diesel Fuel Oil (stored)	Inst. 1978	Active				See Table 3-7	2
485	AST 376			50 gallons	Diesel (stored)		Active				See Table 3-7	2
486	AST 380	2A	R	635 gallons	Diesel (stored)		Active				See Table 3-7	2
487	AST 390A	3A	J4	500 gallons - VT	Unleaded (stored)		Active				See Table 3-7	2
488	AST 390B	3A	J4	500 gallons - VT	Diesel (stored)		Active				See Table 3-7	2
489	AST 439			500 gallons	Propane (stored)		Active				See Table 3-7	2
490	AST 610	2A		300 gallons - HT (formerly AST "610B")	Diesel Fuel Oil (stored)		Active				See Table 3-7	2*

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
491	AST 619	3F	J2	size unknown	Diesel (stored)		Active				See Table 3-7	2
492	AST 637	2A	R	500 gallons	Propane (stored)		Removed			X	See Table 3-7; not plotted on BCP Figures	1*
493	AST 651	1G	C2	1,000 gallons - HT	Propane (stored)		Active				See Table 3-7	2
494	AST 464			500 gallons	Propane (stored)		Active				See Table 3-7	
495	AST 670	1G	C1	1,000 gallons	Liquid Propane Gas (stored)		Removed			X	See Table 3-7; not plotted on BCP figures	1*
496	AST 717	5A	A1	500 gallons - HT	Diesel (stored)		Active				See Table 3-7	2
497	AST 753	4A	A2	200 gallons - HT	Pesticides (stored)		Active				See Table 3-7	7*
498	AST 797	5A		1,000 gallons - HT	Waste Oil (stored)		Inactive				See Table 3-7	2
499	AST 862	4B	A3	30,000 gallons - HT	JP-5 (stored)		Inactive				See Table 3-7	2
500	AST 883	1B	H2	1,000 gallons - rectangular tank (relocated from B626)	Empty, formerly waste oil (stored)		Inactive				See Table 3-7	1
501	TAA 2	1A	H1	< 90-day accumulation area - Hanger 2			Active				See Table 3-8	3*
502	TAA 5A	5A	H1	< 90-day accumulation area-Bldg. 5			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 25	1
503	TAA 5B	1A	H1	< 90-day accumulation area-Bldg. 5			Active				See Tables 3-8 and 3-12; SWMU/AOC 26	6
504	TAA 7	5A	H1	< 90-day accumulation area-Bldg. 7			Inactive				See Table 3-8	1
505	TAA 10	1A	H1	< 90-day accumulation area-Bldg. 10			Active				See Tables 3-8 and 3-12; SWMU/AOC 27	1
506	TAA 19	1A	H1	< 90-day accumulation area-Bldg. 19			Inactive				See Table 3-8	7
507	TAA 22	1A	H1	< 90-day accumulation area-Bldg. 22			Active				See Table 3-8	3*
508	TAA 29A	1D	H2	< 90-day accumulation area-Bldg. 29			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 30	3
509	TAA 29B	1D	H2	< 90-day accumulation area-Bldg. 29			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 31	3
510	TAA 31A	1D	H2	< 90-day accumulation area-Bldg. 31			Active				See Tables 3-8 and 3-12; SWMU/AOC 272	1*
511	TAA 31B	1D	H2	< 90-day accumulation area-Bldg. 31			Inactive				See Table 3-8	3*
512	TAA 51	1D	H2	< 90-day accumulation area-Bldg. 51			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 33	6
513	TAA 77	1B	H2	< 90-day accumulation area-Bldg. 77			Inactive				See Table 3-8	7
514	TAA 114	5A	I1	< 90-day accumulation area-Bldg. 114			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 38	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
515	TAA 115	5A	I1	< 90-day accumulation area-Bldg. 115			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 39	3
516	TAA 130A	2A	R	< 90-day accumulation area-Bldg. 130			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 294	1
517	TAA 130B	2A	R	< 90-day accumulation area-Bldg. 130			Active				See Tables 3-8 and 3-12; SWMU/AOC 295	1
518	TAA 130C	2A	R	< 90-day accumulation area-Bldg. 130			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 42	1
519	TAA 155A	5A	K	< 90-day accumulation area-Bldg. 155			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 240	1
520	TAA 155B	5A	K	< 90-day accumulation area-Bldg. 155			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 241	1*
521	TAA 155C	5A	K	< 90-day accumulation area-Bldg. 155			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 45	1*
522	TAA 240	1A	H1	< 90-day accumulation area-Bldg. 240			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 64	1
523	TAA 242	1A	H1	< 90-day accumulation area-Bldg. 242			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 67	1*
524	TAA 289	5A	H1	< 90-day accumulation area-Bldg. 289			Active				See Tables 3-8 and 3-12; SWMU/AOC 70	1*
525	TAA 297	5A		< 90-day accumulation area-Bldg. 297			Active				See Tables 3-8 and 3-12; SWMU/AOC 73	1*
526	TAA 298	4A	A2	< 90-day accumulation area-Bldg. 298			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 83	1
527	TAA 306	4A	A2	< 90-day accumulation area-Bldg. 306			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 88	6
528	TAA 307	4A	A2	< 90-day accumulation area-Bldg. 307			Active				See Table 3-8	7
529	TAA 314	4A	A1	Fuel storage locker-Bldg. 314			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 269	1*
530	TAA 317	4B	A4	< 90-day accumulation area-Bldg. 317			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 93	1
531	TAA 357	4A	A1	< 90-day accumulation area - Bldg. 357			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 97	1
532	TAA 359A	4B	A4a	< 90-day accumulation area-Bldg. 359			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 254	1
533	TAA 359B	4B	A4a	< 90-day accumulation area-Bldg. 359			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 99	1*
534	TAA 370	4A	A2	Hazardous material storage/ < 90-day accumulation area-Bldg.			Active				See Table 3-8	7
535	TAA 371A	5A	B1	< 90-day accumulation area-Bldg. 371			Active				See Tables 3-8 and 3-12; SWMU/AOC 107	1
536	TAA 371B	5A	B1	< 90-day accumulation area-Bldg. 371			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 242	1*
537	TAA 386	4A	A2	< 90-day accumulation area-Bldg. 386			Active				See Tables 3-8 and 3-12; SWMU/AOC 114	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
538	TAA 388A	4A	A1	< 90-day accumulation area-Bldg. 388			Active				See Tables 3-8 and 3-12; SWMU/AOC 116	1*
539	TAA 388B	4A	A1	< 90-day accumulation area-Bldg. 388			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 251	1
540	TAA 389A	3A	J4	< 90-day accumulation area-Bldg. 389			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 119	1
541	TAA 389B	3A	J4	< 90-day accumulation area-Bldg. 389			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 259	1
542	TAA 390A	3A	J4	< 90-day accumulation area-Bldg. 390			Active				See Tables 3-8 and 3-12; SWMU/AOC 122	1
543	TAA 390B	3A	J4	< 90-day accumulation area-Bldg. 390			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 261	1*
544	TAA 392A	2A	R	< 90-day accumulation area-Bldg. 392			Active				See Tables 3-8 and 3-12; SWMU/AOC 124	1*
545	TAA 392B	2A	R	< 90-day accumulation area-Bldg. 392			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 271	1*
546	TAA 398	5A	K	< 90-day accumulation area-Bldg. 398			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 252	1*
547	TAA 441	3A	B1	< 90-day accumulation area-Bldg. 441			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 256	1*
548	TAA 442	3A	B1	< 90-day accumulation area-Bldg. 442			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 126	1
549	TAA 443	1G	C2	< 90-day accumulation area-Bldg. 443			Active				See Table 3-8	7
550	TAA 445	4A	A1	< 90-day accumulation area-Bldg. 445			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 127	1
551	TAA 447	3A	B1	< 90-day accumulation area-Bldg. 447			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 130	1*
552	TAA 456	3A	B1	< 90-day accumulation area-Bldg. 456			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 135	1
553	TAA 461	5A	B1	< 90-day accumulation area-Bldg. 461			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 138	1
554	TAA 462	5A	B1	< 90-day accumulation area-Bldg. 462			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 140	1
555	TAA 529	4A	A2	< 90-day accumulation area-Bldg. 529			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 144	1
556	TAA 534	4B	A3	< 90-day accumulation area-Bldg. 534			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 146	1
557	TAA 602	2A	R	< 90-day accumulation area-Bldg. 602			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 147	1*
558	TAA 605	5A	I1	< 90-day accumulation area-Bldg. 605			Active				See Tables 3-8 and 3-12; SWMU/AOC 149	1*
559	TAA 606	5A	I1	< 90-day accumulation area-Bldg. 606			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 255	1
560	TAA 626	1B	H2	< 90-day accumulation area-Bldg. 626			Active				See Tables 3-8 and 3-12; SWMU/AOC 158	6

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
561	TAA 634	2A	R	< 90-day accumulation area-Bldg. 634			Active				See Table 3-8	1*
562	TAA 636	3A	B1	< 90-day accumulation area-Bldg. 636			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 160	1*
563	TAA 651	1G	C2	< 90-day accumulation area-Bldg. 651			Active				See Tables 3-8 and 3-12; SWMU/AOC 165	1*
564	TAA 658	2A	I1	< 90-day accumulation area-Bldg. 658			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 171	3
565	TAA 671	4A	A1	< 90-day accumulation area-Bldg. 671			Active				See Tables 3-8 and 3-12; SWMU/AOC 172	1
566	TAA 672	4A	A1	< 90-day accumulation area-Bldg. 672			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 177	1
567	TAA 673	3A	J4	< 90-day accumulation area-Bldg. 673			Active				See Tables 3-8 and 3-12; SWMU/AOC 186	1
568	TAA 693	1G	C2	< 90-day accumulation area-Bldg. 693			Active				See Table 3-8	7
569	TAA 698	5A	I1	< 90-day accumulation area-Bldg. 698			Inactive				See Table 3-8	1
570	TAA 744	1G	C2	< 90-day accumulation area-Bldg. 744			Active				See Table 3-8	1*
571	TAA 746	2A	I1	< 90-day accumulation area-Bldg. 746			Active				See Table 3-8	7
572	TAA 747	2A	I1	< 90-day accumulation area-Bldg. 747			Active				See Table 3-8	7
573	TAA 761	3A	B1	< 90-day accumulation area-Bldg. 761			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 236	7
574	TAA 765	3F	J2	< 90-day accumulation area-Bldg. 765			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 266	1
575	TAA 769	4A	A2	< 90-day accumulation area-Bldg. 769			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 222	1
576	TAA 770	4A	A2	< 90-day accumulation area-Bldg. 770			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 223	1
577	TAA 771	1D	H2	< 90-day accumulation area-Bldg. 771			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 224	1
578	TAA 772	3F	J2	< 90-day accumulation area-Bldg. 772			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 225	1
579	TAA 778	5A		< 90-day accumulation area-Bldg. 778			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 226	1
580	TAA 779	5A	H1	< 90-day accumulation area-Bldg. 779			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 227	1
581	TAA 800	4B	A4b	< 90-day accumulation area-Bldg. 800			Active				See Tables 3-8 and 3-12; SWMU/AOC 229	1
582	TAA 831	3A	B1	< 90-day accumulation area-Bldg. 831			Active				See Table 3-8	7
583	TAA 856	3A	B1	< 90-day accumulation area-Bldg. 856			Active				See Tables 3-8 and 3-12; SWMU/AOC 234	1*
584	TAA 900	2A		EO accumulation area-Bldg. 900			Active				See Table 3-8	7
585	PCB T1	5A	H1	Transformer - F503496-65P, Pad 1311-Bldg. 6			Active			X	See Table 3-9	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
586	PCB T2	1A	H1	Transformer-5KL505, Bldg. 12			Replaced			X	See Table 3-9	1
587	PCB T3	1A	H1	Transformer-1350660, Pole 507B Bldg. 19			Unknown			X	See Table 3-9	1
588	PCB T4	1D	H2	Transformer- Pole 599-Bldg. 35			Removed			X	See Table 3-9	1
589	PCB T5	1C	H2	Transformer-23971, Pole 157-Bldg. 58			Unknown			X	See Table 3-9	1
590	PCB T6	1C	H2	Transformer-6954405, Pad 142-Bldg. 59			Replaced			X	See Table 3-9	1
591	PCB T7	1C	H2	Transformer-6954539, Pad 142-Bldg. 59			Replaced			X	See Table 3-9	1
592	PCB T8	1C	H2	Transformer-6956179, Pad 142-Bldg. 59			Replaced			X	See Table 3-9	1
593	PCB T9	1C	H2	Transformer-7092522, Pole 80-Bldg. 60			Unknown			X	See Table 3-9	1
594	PCB T10	1C	H2	Transformer-645B17826, Pole 654-Bldg. 65			Removed			X	See Table 3-9	1
595	PCB T11	1C	H2	Transformer-645B17827, Pole 654-Bldg. 65			Removed			X	See Table 3-9	1
596	PCB T12	1C	H2	Transformer-645B17855, Pole 654-Bldg. 65			Removed			X	See Table 3-9	1
597	PCB T13	2A	R	Transformer-7093890, Pole 904-Bldg. 105			Removed			X	See Table 3-9	1
598	PCB T14	5A	I1	Transformer-177072, Pad 412-Bldg. 114			Replaced			X	See Table 3-9	1
599	PCB T15	5A	I1	Transformer-177071, Pad 4112-Bldg. 115			Replaced			X	See Table 3-9	1
600	PCB T16	2A	I1	Transformer-681549, Pole 812-Bldg. 118			Unknown			X	See Table 3-9	1
601	PCB T17	2A	R	Transformer-7093966, Pole 823A Bldg. 120			Unknown			X	See Table 3-9	1
602	PCB T18	2A	R	Transformer-7092506P, Pole 823A-Bldg.120			Unknown			X	See Table 3-9	1
603	PCB T19	2A	R	Transformer-7093966P, Pole 823A-Bldg.120			Unknown			X	See Table 3-9	1
604	PCB T20	2A	I1	Transformer-53233, Pad 4111-Bldg. 125			Replaced			X	See Table 3-9	1
605	PCB T21	2A	I1	Transformer-6160963, Pad 4111-Bldg. 125			Replaced			X	See Table 3-9	1
606	PCB T22	2A	R	Transformer-7092697, Pole 871-Bldg. 129			Unknown			X	See Table 3-9	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
607	PCB T23	2A	R	Transformer-7092974, Pole 871-Bldg. 129			Unknown			X	See Table 3-9	1
608	PCB T24	2A	R	Transformer-7093975, Pole 871-Bldg. 129			Unknown			X	See Table 3-9	1
609	PCB T25	3A	B1	Transformer-14346-1, NA-Bldg. 165			Replaced			X	See Table 3-9	1
610	PCB T26	2A	Q	Transformer-5638241, Pole 802-Bldg. 203			Unknown			X	See Table 3-9	1
611	PCB T27	2A	Q	Transformer-6455115, Pole 802-Bldg. 203			Unknown			X	See Table 3-9	1
612	PCB T28	1D	H2	Transformer-6687930, NA-Bldg. 248			Removed			X	See Table 3-9	1
613	PCB T29	1D	H2	Transformer-66F2983-Bldg. 248			Removed			X	See Table 3-9	1
614	PCB T30	1D	H2	Transformer-66F3028-Bldg. 248			Removed			X	See Table 3-9	1
615	PCB T31	1D	H2	Transformer-66K117-Bldg. 248			Removed			X	See Table 3-9	1
616	PCB T32	1D	H2	Transformer-66K154-Bldg. 248			Removed			X	See Table 3-9	1
617	PCB T33	1F	C1	Transformer-NA-Bldg. 248			Removed			X	See Table 3-9	1
618	PCB T34	1B	H2	Transformer-9750379, Pad 143-Bldg. 264			Replaced			X	See Table 3-9	1
619	PCB T35	1B	H2	Transformer-9750997, Pad 143-Bldg. 264			Replaced			X	See Table 3-9	1
620	PCB T36	1B	H2	Transformer-3700258, Pad 138-Bldg. 272			Replaced			X	See Table 3-9	1
621	PCB T37	1B	H2	Transformer-6962781, Pad 138-Bldg. 272			Replaced			X	See Table 3-9	1
622	PCB T38	1B	H2	Transformer-7093990, Pad 138-Bldg. 272			Replaced			X	See Table 3-9	1
623	PCB T39	1B	H2	Transformer-7093256, Pad 128-Bldg. 281			Removed			X	See Table 3-9	1
624	PCB T40	1B	H2	Transformer-7093261, Pad 128-Bldg. 281			Removed			X	See Table 3-9	1
625	PCB T41	1B	H2	Transformer-7220136, Pad 128-Bldg. 281			Removed			X	See Table 3-9	1
626	PCB T42	1B	H2	Transformer-6224013, Pad 141-Bldg. 285			Replaced			X	See Table 3-9	1
627	PCB T43	1B	H2	Transformer-7093682, Pad 141-Bldg. 285			Replaced			X	See Table 3-9	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
628	PCB T44	1B	H2	Transformer-7220241, Pad 141-Bldg. 285			Replaced			X	See Table 3-9	1
629	PCB T45	4A	A1	Transformer-B58240, Pad 263-Bldg. 311			Replaced			X	See Table 3-9	1
630	PCB T46	1C	H2	Transformer-72535, Pole 73-Bldg. 327			Removed			X	See Table 3-9	1
631	PCB T47	1C	H2	Transformer-6587555, Pole 74-Bldg. 327			Unknown			X	See Table 3-9	1
632	PCB T48	1C	H2	Transformer-65875666, Pole 74-Bldg. 327			Unknown			X	See Table 3-9	1
633	PCB T49	4A	A2	Transformer-1888163, Pad 254-Bldg. 335			Replaced			X	See Table 3-9	1
634	PCB T50	4B	A4a	Transformer-B335346, Pad 264-Bldg. 359			Replaced			X	See Table 3-9	1
635	PCB T51	4B	A4a	Transformer-B335627, Pad 269-Bldg. 360			Replaced			X	See Table 3-9	1
636	PCB T52	1G	C2	Transformer-62194, Pad 162-Bldg. 365			Removed			X	See Table 3-9	1
637	PCB T53	4A	A2	Transformer-62220, Pad 259-Bldg. 368			Removed			X	See Table 3-9	1
638	PCB T54	4A	A2	Transformer-62221, Pad 2510-Bldg. 369			Replaced			X	See Table 3-9	1
639	PCB T55	4A	A2	Transformer-62222, Pad 2511-Bldg. 370			Replaced			X	See Table 3-9	1
640	PCB T56	5A	B1	Transformer-10097-1, Pad 335-Bldg. 371			Active				See Table 3-9; Leak requires evaluation	7
641	PCB T57	5A	B1	Transformer-10098-1, Pad 335-Bldg. 371			Active			X	See Table 3-9	1
642	PCB T58	5A	K	Transformer-14538, Pad 425-Bldg. 372			Replaced			X	See Table 3-9	1
643	PCB T59	3A	B1	Transformer-14440 , Pad 321-Bldg. 374			Replaced			X	See Table 3-9	1
644	PCB T60	5A		Transformer-06577-1-Bldg. 378			Replaced			X	See Table 3-9	1
645	PCB T61	4A	A1	Transformer-B684198, Pad SS-2-Bldg. 383			Replaced			X	See Table 3-9	1
646	PCB T62	4A	A2	Transformer-4418 , Pad 257-Bldg. 386			Replaced			X	See Table 3-9	1
647	PCB T63	3A	B1	Transformer-9908129, Pad 316-Bldg. 406			Replaced			X	See Table 3-9	1
648	PCB T64	1F	C1	Transformer-NA , Pole 248-Bldg. 410			Removed			X	See Table 3-9	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
649	PCB T65	1F	C1	Transformer- Pole 248-Bldg. 410			Removed			X	See Table 3-9	1
650	PCB T66	2B	I2	Transformer-C379541, Pad 404-Bldg. 415			Replaced			X	See Table 3-9	1
651	PCB T67	1G	C2	Transformer-C-861785, Pad 111-Bldg. 439			Removed			X	See Table 3-9	1
652	PCB T68	4A	A1	Transformer-C861997A, Pad 256 Bldg. 445			Replaced			X	See Table 3-9	1
653	PCB T69	3A	B1	Transformer-C861997B, Pad 331 Bldg. 447			Replaced			X	See Table 3-9	1
654	PCB T70	1G	C1	Transformer-7371282, Pad 165-Bldg. 449			Removed			X	See Table 3-9	1
655	PCB T71	1G	C1	Transformer-7371279, Pad 166-Bldg. 450			Removed			X	See Table 3-9	1
656	PCB T72	1G	C1	Transformer-7371281, Pad 167-Bldg. 451			Removed			X	See Table 3-9	1
657	PCB T73	1G	C1	Transformer-7371280, Pad 168-Bldg. 452			Removed			X	See Table 3-9	1
658	PCB T74	3A	B1	Transformer-C-862139, Pad 327-Bldg. 457			Replaced				See Table 3-9; SWMU/AOC 244	7
659	PCB T75	5A	B1	Transformer-Missing, Pad 318-Bldg. 458			Unknown			X	See Table 3-9	1
660	PCB T76	3F	J2	Transformer-9845884, Pad 311-Bldg. 460			Replaced			X	See Table 3-9	1
661	PCB T77	3F	J2	Transformer-D317654, Pad 311-Bldg. 460			Replaced			X	See Table 3-9	1
662	PCB T78	3F	J2	Transformer-J929874T71AA, Pad 319-Bldg. 464			Replaced			X	See Table 3-9	1
663	PCB T79	5A	A1	Transformer-151103, Pad 251-Bldg. 482			Removed			X	See Table 3-9	1
664	PCB T80	2C	D2	Transformer-B336887, Pad 401-Bldg. 582			Replaced			X	See Table 3-9	1
665	PCB T81	5A	I1	Transformer-F-6947158, Pad 4114-Bldg. 605			Replaced			X	See Table 3-9	1
666	PCB T82	5A	I1	Transformer-E-694715A, Pad 4113-Bldg. 606			Replaced			X	See Table 3-9	1
667	PCB T83	1C	H2	Transformer-NA , Pole 166A-Bldg. 630			Unknown			X	See Table 3-9	1
668	PCB T84	4A	A1	Transformer-10096-1, Pad 215-Bldg. 631			Replaced			X	See Table 3-9	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
669	PCB T85	2A	R	Transformer-PAV 1646-01, Pad 431-Bldg. 634			Removed			X	See Table 3-9	1
670	PCB T86	2A	R	Transformer-YAP-70141, Pad 431-Bldg. 634			Removed			X	See Table 3-9	1
671	PCB T87	3A	B1	Transformer-10832-1, Pad 323-Bldg. 636			Replaced			X	See Table 3-9	1
672	PCB T88	4A	A1	Transformer-12945-1, Pad 2513-Bldg. 655			Replaced			X	See Table 3-9	1
673	PCB T89	2A	I1	Transformer-C173562, Pad 414-Bldg. 658			Replaced			X	See Table 3-9	1
674	PCB T90	4A	A1	Transformer-II344577P73AA, Pad 216-Bldg. 617			Replaced			X	See Table 3-9	1
675	PCB T91	1D	H2	Transformer-786787895, Pole 648-Bldg. 692			Removed			X	See Table 3-9	1
676	PCB T92	1D	H2	Transformer-786787910, Pole 648-Bldg. 692			Removed			X	See Table 3-9	1
677	PCB T93	1D	H2	Transformer-786787919, Pole 648-Bldg. 692			Removed			X	See Table 3-9	1
678	PCB T94	5A	Q	Transformer-Westinghouse-Bldg. 716			Replaced			X	See Table 3-9	1
679	PCB T95	NL		Transformer-959077-Bldg. 1765			Unknown			X	See Table 3-9	1
680	PCB T96	2A	R	Transformer-5635257, Pole 917-Bldg. 5014			Unknown			X	See Table 3-9	1
681	PCB T97	2B	I2	Transformer-6963930P, Pole 942 Bldg. 5201			Unknown			X	See Table 3-9	1
682	PCB T98	2C	D1b	Transformer-6969510, Pole 946-Bldg. 5240			Removed			X	See Table 3-9	1
683	PCB T99	1D	H2	Transformer-7794141, Pole 666-Bldg. 5417			Removed			X	See Table 3-9	1
684	PCB T100	1D	H2	Transformer-7794142, Pole 666-Bldg. 5417			Removed			X	See Table 3-9	1
685	PCB T101	1D	H2	Transformer-7794143, Pole 666-Bldg. 5417			Removed			X	See Table 3-9	1
686	PCB T102	2C	D1b	Transformer-69680882, Pole 952A-Bldg. 5125			Unknown			X	See Table 3-9	1
687	PCB T103	1D	H2	Transformer-793397, Pole 687-Bldg. 687			Removed			X	See Table 3-9	1
688	PCB T104	1D	H2	Transformer-794144, Pole 687-Bldg. 687			Removed			X	See Table 3-9	1
689	PCB T105	1D	H2	Transformer-6900519, Pole 687-Bldg. 687			Removed			X	See Table 3-9	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
690	PCB T106	5A		Transformer-6833177, Pad 215-Gate 9			Replaced			X	See Table 3-9	1
691	PCB T107	NA		Transformer-66F2984			Unknown			X	See Table 3-9	1
692	PCB T108	1F	C1	Transformer- Pole 251			Removed			X	See Table 3-9	1
693	PCB T109	2A	Q	Transformer- Pole 852-Tank Farm 6			Unknown			X	See Table 3-9	1
694	PCB T110	1B	H2	Transformer-70609-Bldg. 271			Active			X	See Table 3-9	1
695	PCB T111	1B	H2	Transformer-70465-Bldg. 271			Active			X	See Table 3-9	1
696	PCB T112	1B	H2	Transformer-704464-Bldg. 271			Active			X	See Table 3-9	1
697	PCB T113	1B	H2	Transformer-8335541-Bldg. 833			Active			X	See Table 3-9	1
698	PCB T114	1B	H2	Transformer-8335544-Bldg. 833			Active			X	See Table 3-9	1
699	PCB T115	1B	H2	Transformer-8335543-Bldg. 833			Active			X	See Table 3-9	1
700	PCB T116	1B	H2	Transformer-7093988-Bldg. 263			Active				See Table 3-9	1
701	PCB T117	4B	A4	Transformer-7093571-Bldg. 305			Active				See Table 3-9	1
702	PCB T118	4B	A4	Transformer-7220244-Bldg. 305			Active				See Table 3-9	1
703	PCB T119	4B	A4	Transformer-7220246-Bldg. 305			Active				See Table 3-9	1
704	PCB T120	4B	A4a	Transformer-57A8236-Bldg. 313			Active				See Table 3-9	1
705	PCB T121	1C	H2	Transformer-B684199-Bldg. 382			Active				See Table 3-9	1
706	PCB T122	2D	E1	Transformer-B33639-Bldg. 555			Active				See Table 3-9	1
707	PCB T123	NL		Transformer-C647622-Bldg. 711			Active				See Table 3-9	1
708	PCB T124	NL		Transformer-D477681-60P-Bldg. 2600			Active				See Table 3-9	1
709	PCB A1	4A	A2	Transformer storage area near water tank 175								7
710	PCB A2	4A	A1	PCB equipment storage area near Bldg. 324								7

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
711	RFA 1	3F	J2	Former scrap metal yard						X	See Table 3-12	1
712	RFA 2	3F	J2	Vegetation Piles						X	See Table 3-12	1
713	RFA 6	5A		Landfarming site						X	See Table 3-12	3
714	RFA 7	4B	A3	Transformer storage area			Transfer to RAC Remediation (impacted soils were removed in 1997)				See Table 3-12	6*
715	RFA 8	2F	E1	Abandoned Well 50-3285						X	See Table 3-12	1
716	RFA 9	5A	K	Fuel bladder						X	See Table 3-12	2
717	RFA 10	2A	R	Abandoned Well 24-4274			FA				See Table 3-12	6
718	RFA 12	NA		Active sanitary sewer lines						X	See Table 3-12	1
719	RFA 13	2A	I1	Drop tank storage area						X	See Table 3-12	1
720	RFA 14	5A	Q	Drop tank fuel storage area			FA				See Table 3-12	6
721	RFA 15	5A	I1	Wash water runoff site						X	See Table 3-12	3
722	RFA 16	5A	I1	Wash water runoff site						X	See Table 3-12	3
723	RFA 28	5A	H1	Fuel spill site						X	See Table 3-12	2
724	RFA 32	1D	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
725	RFA 35	4A	A1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
726	RFA 40	2A	R	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
727	RFA 41	2A	R	Vehicle wash rack						X	See Table 3-12	3
728	RFA 43	2A	R	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
729	RFA 50	1A	H1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
730	RFA 44	2A	R	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
731	RFA 46	3A	B1	Vehicle Maintenance and Parking / DRMO			Transfer to RAC				See Table 3-12	2
732	RFA 47	3F	J2	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
733	RFA 55	1D	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
734	RFA 56	1D	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
735	RFA 69	1B	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
736	RFA 71	5A	A1	< 90-day accumulation area			FA				See Table 3-12	6

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
737	RFA 72	5A	A1	< 90-day accumulation area			FA				See Table 3-12	6
738	RFA 74	5A	A1	Aircraft wash area						X	See Table 3-12	1
739	RFA 78	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
740	RFA 79	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
741	RFA 80	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
742	RFA 81	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
743	RFA 82	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
744	RFA 89	4A	A2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
745	RFA 94	4B	A4	< 90-day accumulation area			FA				See Table 3-12	6
746	RFA 95	4A	A1	Engine test cell						X	See Table 3-12	3
747	RFA 96	5A	B1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
748	RFA 98	4B	A4a	Vehicle wash rack						X	See Table 3-12	1
749	RFA 100	4B	A4a	TCE degreaser						X	See Table 3-12	3
750	RFA 103	4B [4]	A4a	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
751	RFA 104	5A	A4b	< 90-day accumulation area			FA				See Table 3-12	6
752	RFA 105	5A	A4b	< 90-day accumulation area			FA				See Table 3-12	6
753	RFA 106	5A	A4b	< 90-day accumulation area			FA				See Table 3-12	6
754	RFA 109	4A	A1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
755	RFA 110	4A	A1	Vehicle wash rack			FA				See Table 3-12	6
756	RFA 120	3A	J4	Vehicle wash rack						X	See Table 3-12	3
757	RFA 121	3A	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
758	RFA 125	2B	I2	< 90-day accumulation area						X	See Table 3-12	3
759	RFA 128	4A	A1	Storage area						X	See Table 3-12	1*
760	RFA 131	3A	B1	Engine test cell			Transfer to RAC Remediation (impacted soils were removed in 1997)				See Table 3-12	6
761	RFA 133	3A	B1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
762	RFA 134	3A	B1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
763	RFA 136	5A	B1	Aircraft wash area						X	See Table 3-12	1
764	RFA 141	5A	B1	Aircraft wash area						X	See Table 3-12	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
765	RFA 142	5A	B1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
766	RFA 150	5A	I1	Aircraft wash area						X	See Table 3-12	1
767	RFA 152	5A	I1	Aircraft wash area						X	See Table 3-12	1
768	RFA 157	1B	H2	Vehicle wash rack			FA				See Table 3-12	6
769	RFA 164	1G	C2	Vehicle wash rack						X	See Table 3-12	3
770	RFA 170	4A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
771	RFA 178	3A	J4	Vehicle wash rack						X	See Table 3-12	1
772	RFA 181	3B	J4	Landfarming area						X	See Table 3-12	3
773	RFA 182	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
774	RFA 183	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
775	RFA 184	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
776	RFA 185	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
777	RFA 195	4A	A2	Vehicle wash rack						X	See Table 3-12	1
778	RFA 198	4A	A1	Vehicle wash rack			FA				See Table 3-12	6
779	RFA 201	4A	A1	Vehicle wash rack			FA				See Table 3-12	6
780	RFA 204	5A	B1	Vehicle wash rack			FA				See Table 3-12	6
781	RFA 210	5A	Q	Vehicle wash rack						X	See Table 3-12	1
782	RFA 213	2A	R	Vehicle wash rack			FA				See Table 3-12	6
783	RFA 216	1A	H1	Vehicle wash rack						X	See Table 3-12	1
784	RFA 219	1A	H1	Vehicle wash rack						X	See Table 3-12	1
785	RFA 237	NL		< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
786	RFA 238	4A	A2	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
787	RFA 239	2B	I2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
788	RFA 243	4A	A1	Wash rack						X	See Table 3-12	3
789	RFA 245	3F	J2	Golf course						X	See Table 3-12	1
790	RFA 244			PCB Spill Area near Bldg. 457			Transfer to RAC Remediation (impacted soils were removed in 1997)			X	See Table 3-12	
791	RFA 246	3F	J2	Golf course irrigation tank						X	See Table 3-12	1
792	RFA 247	NA		Irrigation pipeline						X	See Table 3-12	1

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
793	RFA 253	4B	A4	Wash rack						X	See Table 3-12	1
794	RFA 257	5A	Q	Wash water runoff site						X	See Table 3-12	1
795	RFA 258	5A	Q	Wash water runoff site						X	See Table 3-12	1
796	RFA 260	3A	J4	Aboveground storage tank						X	See Table 3-12	3
797	RFA 262	3A	J4	Fuel storage area						X	See Table 3-12	1
798	RFA 264	3B	J2	DRMO Storage Yard #3						X	See Table 3-12	1
799	RFA 267	5A	I1	Drop tank fuel storage area						X	See Table 3-12	1*
800	RFA 268	1A	H1	Vehicle wash rack						X	See Table 3-12	1
801	RFA 270	3F	J2	Wash rack						X	See Table 3-12	2
802	RFA 273	1D	H2	Wash rack						X	See Table 3-12	1
803	RFA 274	1D	H2	Stockpiled soil						X	See Table 3-12	1
804	RFA 291	4A	A1	Oil/water separator						X	See Table 3-12	2
805	RFA 293	2A	R	Cleaning tank						X	See Table 3-12	1
806	RFA 297	5A	I3	Former asphalt pavement plant						X	See Table 3-12	1
807	RFA 299	4B	A4b	Wash rack						X	See Table 3-12	1
808	RFA 301	5A	K	Mark arrest system						X	See Table 3-12	1
809	RFA 302	5A	K	Mark arrest system						X	See Table 3-12	1
810	RFA 304	4B	A4a	Trenches inside Bldg. 359						X	See Table 3-12	1
811	RFA 305	1F	C1	Septic tank						X	See Table 3-12	1
812	RFA 306	1F	C1	Septic tank						X	See Table 3-12	1
813	RFA 307	5C	E1	Septic tank						X	See Table 3-12	1
814	OWS 240C	1A	H1	OWS 240C	Oil/water	Inst. 1982	Removed				See Table 3-13; SWMU/AOC 66	2
815	OWS 244	5A	H1	OWS 244	Oil/water	Inst. 1944	Inactive				See Table 3-13; SWMU/AOC 68	7
816	OWS 280A	1B	H2	OWS 280A	Oil/water	Unknown	Closed		OCHCA	X	See Table 3-13	2
817	OWS 297B	5A	A1	OWS 297B	Oil/water	Inst. 1982	Closed		OCHCA	X	See Table 3-13; SWMU/AOC 76	2
818	OWS 298C	4A	A2	OWS 298C	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 84	2
819	OWS 314C	4A	A1	OWS 314C	Oil/water	Unknown	Closed		OCHCA	X	See Table 3-13	2
820	OWS 324-1	4A	A1	OWS 324-1	Oil/water	Unknown	Removed				See Table 3-13	7
821	OWS 324-2	4A	A1	OWS 324-2	Oil/water	Unknown	Removed				See Table 3-13	7

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
822	OWS 357	4A	A1	OWS 357	Oil/water	Unknown	Inactive			X	See Table 3-13; SWMU/AOC 296	2
823	OWS 359B	4B	A4a	OWS 359B	Oil/water	Inst. 1952	Active				See Table 3-13; SWMU/AOC 101	2
824	OWS 371	3A	B1	OWS 371	Oil/water	Unknown	Active				See Table 3-13	7
825	OWS 386B	4A	A1	OWS 386B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 112	2
826	OWS 388C	4A	A1	OWS 388C	Oil/water	Inst. 1955	Active				See Table 3-13; SWMU/AOC 118	2
827	OWS 392		R	OWS 392	Oil/water	Unknown	Active				See Table 3-13	2
828	OWS 445	4A	A1	OWS 445	Oil/water	Unknown	Closed		OCHCA	X	See Table 3-13	7
829	OWS 447C	5A		OWS 447C	Oil/water	Inst. 1959	Removed				See Table 3-13; SWMU/AOC 132	2
830	OWS 461A	5A	B1	OWS 461A	Oil/water	Unknown	Active				See Table 3-13	7
831	OWS 462	5A	B1	OWS 462	Oil/water	Unknown	Active				See Table 3-13	7
832	OWS 602	2A	R	OWS 602	Oil/water	Inst. 1964	Active				See Table 3-13; SWMU/AOC 148	2
833	OWS 605C	5A	I1	OWS 605C	Oil/water	Inst. 1984	Inactive				See Table 3-13; SWMU/AOC 151	2
834	OWS 606C	5A	I1	OWS 606C	Oil/water	Inst. 1965	Active				See Table 3-13; SWMU/AOC 154	2
835	OWS 626-1	1B	H2	OWS 626-1	Oil/water	Inst. 1967	Active				See Table 3-13; SWMU/AOC 159	2
836	OWS 626-2	1B	H2	OWS 626-2	Oil/water	Unknown	Active				See Table 3-13	7
837	OWS 626-3	1B	H2	OWS 626-3	Oil/water	Unknown	Active				See Table 3-13	7
838	OWS 626-4	1B	H2	OWS 626-4	Oil/water	Unknown	Active				See Table 3-13	7
839	OWS 643B	5A	I1	OWS 643B	Oil/water	Inst. 1982	Closed		OCHCA	X	See Table 3-13; SWMU/AOC 163	2
840	OWS 651-8	1G	C2	OWS 651-8	Oil/water	Inst. 1971	Active				See Table 3-13; SWMU/AOC 169	2
841	OWS 652		C2	OWS 652	Oil/water	Unknown	Active				See Table 3-13	7
842	OWS 658C	2A	I1	OWS 658C	Oil/water	Inst. 1972	Active				See Table 3-13	7

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
843	OWS 658D	2A	I1	OWS 658D	Oil/water	Inst. 1995	Active				See Table 3-13	7
844	OWS 671	4A	A1	OWS 671	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 173	2
845	OWS 672A	4A	A1	OWS 672A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 175	2
846	OWS 673A	3A	J4	OWS 673A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 179	2
847	OWS 674	4B	A3	OWS 674	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 189	2
848	OWS 674B	4B	A3	OWS 674B	Oil/water	Inst. 1995	Active				See Table 3-13;	7
849	OWS 675B	4B	M	OWS 675B	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 292	2
850	OWS 675C	4B	M	OWS 675C	Oil/water	Inst. 1995	Active				See Table 3-13;	7
851	OWS 676	2B	I2	OWS 676	Oil/water	Unknown	Removed				See Table 3-13; SWMU/AOC 189	7
852	OWS 716B	5A	Q	OWS 716B	Oil/water	Inst. 1976	Inactive				See Table 3-13; SWMU/AOC 193	2
853	OWS 744	1G	C2	OWS 744	Oil/water	Unknown	Active				See Table 3-13	7
854	OWS 758A	4A	A2	OWS 758A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 196	2
855	OWS 759A	4A	A1	OWS 759A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 199	2
856	OWS 760B	4A	A1	OWS 760B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 203	2
857	OWS 761A	5A	B1	OWS 761A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 205	2
858	OWS 762A	3A	J4	OWS 762A	Oil/water	Inst. 1982	Closed		OCHCA	X	See Table 3-13; SWMU/AOC 208	2
859	OWS 763A	5A	Q	OWS 763A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 211	2
860	OWS 764B	2A	I1	OWS 764B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 215	2
861	OWS 765B	1A	H1	OWS 765B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 218	2
862	OWS 766A	1A	H1	OWS 766A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 220	2
863	OWS 800F	4B	M	OWS 800F	Oil/water	Inst. 1984	Active				See Table 3-13; SWMU/AOC 232	2

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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
864	OWS 802	4B	M	OWS 802	Oil/water	Unknown	Active				See Table 3-13	7
865	OWS 817	3F	J2	OWS 817	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 233	2
866	OWS 845	5A	B1	OWS 845	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 248	2
867	OWS 850	5A	K	OWS 850	Oil/water	Unknown	Active				See Table 3-13	7
868	OWS 851			OWS 851		Unknown	Active				See Table 3-13	7
869	OWS 892	5A		OWS 892	Oil/water	Unknown	Active				See Table 3-13	7
870	OWS 896	5A		OWS 896	Oil/water	Inst. 1982	Active				See Table 3-13	7
871	OWS 897	5A		OWS 897	Oil/water	Unknown	Active				See Table 3-13	7
872	OWS 1702	1B	H2	OWS 1702	Oil/water	Unknown	Active				See Table 3-13	7
873	BLD 673	3A	J4	RCRA storage facility-Bldg. 673 T-3			Closed		RCRA	X		7
874	MSC B1	5A	H1	Active burn pit adjacent to IRP Site 16	burns JP-5	current	Active					7
875	MSC B2	5A	H1	Inactive burn pit adjacent to IRP Site 16		1988, once	Inactive				Only used once	7
876	MSC P1	3F	J2	Past pesticide storage area at Bldg. 1687			Inactive					7
877	MSC P2	3F	J2	Past pesticide storage area near Bldg. 464			Inactive					7
878	SRU 1	1G	C2	Silver recovery unit at hospital/dental clinic-Bldg. 439			Active				Site conditions unknown	7
879	SRU 2	1G	C2	Silver recovery unit at photo lab-Bldg. 443			Active				Site conditions unknown	7
880	SRU 3	4A	A1	Former photo lab silver recovery unit location-Bldg. 312			Inactive				Site conditions unknown	7
881	MSC D1	3B	J2	Desert Storm waste storage area near DRMO Yard #3			Inactive					7
882	MSC JP5	NA		JP-5 fuel supply pipelines			Active					2*
883	MSC R1	2C	D1b	Possible refuse area next to family housing			Inactive				Identified in interviews	7
884	MSC R2	3B,3F	J2	Possible refuse area south of IRP Site 5			Part of IRP Site 5			X	Identified in interviews.	1*

Table 3-1a
Site Summary
(Sheet 37 of 37)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
885	MSC W1	1G	C2	Former elevated water reservoir (west tower)			Inactive				Reported past mercury releases from level gauge in interview	7
886	MSC W2	1G	C2	Former elevated water reservoir (east tower)			Inactive				Reported past mercury releases from level gauge in interview	7

Notes:

[1] The risk values shown for IRP sites 2, 3, 5 and 17 were calculated by using U.S. EPA and Cal EPA toxicity values. Risk estimates shown in parentheses are based on Cal-EPA cancer slope factors. The risk values shown for IRP Site 24 were calculated by using U.S. EPA and Cal-EPA Cancer Slope Factors.

[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] Area types with an asterisks (*) have changed since the March 1996 BCP.

Abbreviations:

APHO - aerial photograph
AST - aboveground storage tank
BLD - building
ECP - environmental condition of property
EE/CA - Engineering Evaluation/Cost Analysis
EO - Environmental Office, MCAS El Toro
FA - further action
FFA - Federal Facilities Agreement
gal - gallon(s)
Inst. - installed
INT LF - possible landfills identified during interviews
IRP - Installation Restoration Program
LOC - location of concern
LPG - liquid propane gas
MSC B - miscellaneous LOC - burn pit
MSC P - miscellaneous LOC - pesticide storage area
MSC R - miscellaneous LOC - refuse area
NA - not applicable. The LOC location is either unknown, or it covers multiple parcels
NFA - no further action
OWS - oil/water separator
PCB - polychlorinated biphenyl
PCB A - PCB transformer storage area
PCB T - PCB transformer
R/O - RWQCB or OCHCA
RFA - RCRA (Resource Conservation and Recovery Act) Facility Assessment
RI - Remedial Investigation
SAIC - Science Applications International Corporation (refers to features/anomalies identified in SAIC report)
SRU - silver recovery unit
SWMU/AOC - Solid Waste Management Unit/Area of Concern
TAA - temporary accumulation area
UST - underground storage tank
VOC - volatile organic compound

This table does not include buildings with known asbestos.

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Table 3-1b
Site Summary by New Parcel
(Sheet 1 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
7	IRP 7	5A	A1	Drop Tank Drainage Area No. 2 (OU-3)	JP-5 and lubrication oils in rinse water from aircraft drop tanks.	1969 to 1983	RI to begin in 1997.		FFA			6
10	IRP 10	5A	A1	Petroleum Disposal Area (OU-3)	Crankcase oil, antifreeze, hydraulic and transmission fluids, motor fuel and solvent.	1952 to present	Draft RI submitted in 1996.		FFA	X		3
22	IRP 22	5A	A1	Tactical Air Fuel Dispensing System (TAFDS) (OU-3)	Air fueling station with history of undocumented fuel spills and leaks; location of several fuel bladder revetments.	1980 to 1986	Draft RI submitted in 1996.		FFA	X		3
41	APHO 17	4A	A1	Stain							See Table 3-1b	7
42	APHO 18	4A	A1	Stain							See Table 3-1b	7
43	APHO 19	4A	A1	Stain, liquid							See Table 3-1b	7
256	UST 295	5A	A1	1000 gal.	Diesel (stored)	Inst. 1984	Closed		RWQCB	X	See Table 3-6	2
257	UST 296	5A	A1	6000 gal.	Diesel (stored)	Inst. 1984	Closed		RWQCB	X	See Table 3-6	2
258	UST 297A	5A	A1	6000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2*
259	UST 297C	5A	A1	185 gal.	Waste Oil (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 77	2*
265	UST 314A	4A	A1	50000 gal.	Diesel (stored)	Inst. 1945	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 91	2*
266	UST 314B	4A	A1	50000 gal.	Diesel (stored)	Inst. 1945	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 92	2*
267	UST 314D	4A	A1	3000 gal.	Diesel fuel or fuel oil (stored)	Unknown	Removed		OCHCA		See Table 3-6	2*
270	UST 324A	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
271	UST 324B	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
272	UST 324C	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
273	UST 324D	4A	A1	8000 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
274	UST 324E	4A	A1	2000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2*
275	UST 324F	4A	A1	2000 gal.	Fuel Oil (stored)	unknown	Removed		R/O		See Table 3-6	7
276	UST 326A	4A	A1	1700 gal.	JP-5 (stored)	Inst. 1945	Abandoned		R/O		See Table 3-6	2*
277	UST 326B	4A	A1	250 gal.	JP-5 (stored)	Inst. 1945	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 283	2*
307	UST 388A	4A	A1	500 gal.	Diesel (stored)	Inst. 1955	Closed		OCHCA	X	See Table 3-6	2
308	UST 388B	4A	A1	2000 gal.	Diesel (stored)	Inst. 1955	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 117	7
323	UST 435	5A	A1	1000 gal.	Diesel (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
328	UST 445A	4A	A1	10000 gal.	Unknown	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
329	UST 445B	4A	A1	10000 gal.	JP-5 (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
376	UST 655	4A	A1	2000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 250	2
380	UST 672	4A	A1	500 gal.	Waste JP-5 (stored)	Inst. 1972	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 174	7
381	UST 672B	4A	A1	1000 gal.	Waste Oil (stored)	Inst. 1972	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 176	2*
396	UST 759B	4A	A1	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 200	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 2 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
397	UST 760A	4A	A1	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 202	2*
475	UST T-11	5A	A1	1000 gal.	JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 75	2*
496	AST 717	5A	A1	500 gallons - HT	Diesel (stored)		Active				See Table 3-7	2
529	TAA 314	4A	A1	Fuel storage locker-Bldg. 314			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 269	1*
531	TAA 357	4A	A1	< 90-day accumulation area -Bldg. 357			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 97	1
538	TAA 388A	4A	A1	< 90-day accumulation area-Bldg. 388			Active				See Tables 3-8 and 3-12; SWMU/AOC 116	1*
539	TAA 388B	4A	A1	< 90-day accumulation area-Bldg. 388			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 251	1
550	TAA 445	4A	A1	< 90-day accumulation area-Bldg. 445			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 127	1
565	TAA 671	4A	A1	< 90-day accumulation area-Bldg. 671			Active				See Tables 3-8 and 3-12; SWMU/AOC 172	1
566	TAA 672	4A	A1	< 90-day accumulation area-Bldg. 672			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 177	1
629	PCB T45	4A	A1	Transformer-B58240, Pad 263-Bldg. 311			Replaced			X	See Table 3-9	1
645	PCB T61	4A	A1	Transformer-B684198, Pad SS-2-Bldg. 383			Replaced			X	See Table 3-9	1
652	PCB T68	4A	A1	Transformer-C861997A, Pad 256-Bldg. 445			Replaced			X	See Table 3-9	1
663	PCB T79	5A	A1	Transformer-151103, Pad 251-Bldg. 482			Removed			X	See Table 3-9	1
668	PCB T84	4A	A1	Transformer-10096-1, Pad 215-Bldg. 631			Replaced			X	See Table 3-9	1
672	PCB T88	4A	A1	Transformer-12945-1, Pad 2513-Bldg. 655			Replaced			X	See Table 3-9	1
674	PCB T90	4A	A1	Transformer-II344577P73AA, Pad 216-Bldg. 617			Replaced			X	See Table 3-9	1
710	PCB A2	4A	A1	PCB equipment storage area near Bldg. 324								7
725	RFA 35	4A	A1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
736	RFA 71	5A	A1	< 90-day accumulation area			FA				See Table 3-12	6
737	RFA 72	5A	A1	< 90-day accumulation area			FA				See Table 3-12	6
738	RFA 74	5A	A1	Aircraft wash area						X	See Table 3-12	1
739	RFA 78	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
740	RFA 79	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
741	RFA 80	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*

Table 3-1b
Site Summary by New Parcel
(Sheet 3 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
742	RFA 81	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
743	RFA 82	5A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
746	RFA 95	4A	A1	Engine test cell						X	See Table 3-12	3
754	RFA 109	4A	A1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
755	RFA 110	4A	A1	Vehicle wash rack			FA				See Table 3-12	6
759	RFA 128	4A	A1	Storage area						X	See Table 3-12	1*
770	RFA 170	4A	A1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
778	RFA 198	4A	A1	Vehicle wash rack			FA				See Table 3-12	6
779	RFA 201	4A	A1	Vehicle wash rack			FA				See Table 3-12	6
788	RFA 243	4A	A1	Wash rack						X	See Table 3-12	3
804	RFA 291	4A	A1	Oil/water separator						X	See Table 3-12	2
817	OWS 297B	5A	A1	OWS 297B	Oil/water	Inst. 1982	Closed		OCHCA	X	See Table 3-13; SWMU/AOC 76	2
819	OWS 314C	4A	A1	OWS 314C	Oil/water	Unknown	Closed		OCHCA	X	See Table 3-13	2
820	OWS 324-1	4A	A1	OWS 324-1	Oil/water	Unknown	Removed				See Table 3-13	7
821	OWS 324-2	4A	A1	OWS 324-2	Oil/water	Unknown	Removed				See Table 3-13	7
822	OWS 357	4A	A1	OWS 357	Oil/water	Unknown	Inactive			X	See Table 3-13; SWMU/AOC 296	2
825	OWS 386B	4A	A1	OWS 386B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 112	2
826	OWS 388C	4A	A1	OWS 388C	Oil/water	Inst. 1955	Active				See Table 3-13; SWMU/AOC 118	2
828	OWS 445	4A	A1	OWS 445	Oil/water	Unknown	Closed		OCHCA	X	See Table 3-13	7
844	OWS 671	4A	A1	OWS 671	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 173	2
845	OWS 672A	4A	A1	OWS 672A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 175	2
855	OWS 759A	4A	A1	OWS 759A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 199	2
856	OWS 760B	4A	A1	OWS 760B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 203	2
880	SRU 3	4A	A1	Former photo lab silver recovery unit location-Bldg. 312			Inactive				Site conditions unknown	7

Table 3-1b
Site Summary by New Parcel
(Sheet 4 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
23	IRP 24		A1, A2, A4, A4a, A4b, M	VOC Source Area[4] (OU-2A)	Various activities in this area, including former metal plating operations, may have[4] contributed to the regional VOC groundwater contamination.		RI and FS complete.	Scenario: Resident Adult Cancer Slope Factors soil: 2.2×10^{-8} gw: 2.0×10^{-3} (downgradient) Scenario: Resident Child Cancer Slope Factors soil: 9.4×10^{-9} gw: 7.4×10^{-4} (downgradient)	FFA		Includes SWMU/AOC 265	5*
9	IRP 9	5A	A2	Crash Crew Pit No. 1 (OU-3)	Burned leaded AVGAS, JP-5, and crankcase oil in unlined pits for fire training.	1965 to 1971	Draft RI submitted in 1996.		FFA	X	Includes SWMUs/AOCs 104, 105, & 106	3
11	IRP 11	4A	A2	Transformer Storage Area (OU-3)	Stored PCB-containing transformers.	1968 to 1983	Draft RI submitted in 1996.		FFA			6
30	APHO 6	4A	A2	Impoundment							See Table 3-1b	7
35	APHO 11	4A	A2	Trench, disturbed ground							See Table 3-1b	7
260	UST 298A	4A	A2	3000 gal.	Unleaded (stored)	Inst. 1944	Active		R/O		See Table 3-6	7
261	UST 298B	4A	A2	2000 gal.	Diesel (stored)	Inst. 1944	Active		R/O		See Table 3-6	7
262	UST 298D	4A	A2	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 85	2*
263	UST 304	4A	A2	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
264	UST 306	4A	A2	500 gal.	Diesel (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
281	UST 335	4A	A2	4000 gal.	Fuel oil (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
296	UST 368	4A	A2	2000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2
297	UST 369	4A	A2	4000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2
305	UST 386A	4A	A2	1500 gal.	Fuel Oil (stored)	Inst. 1984	Removed		R/O		See Table 3-6	2*
306	UST 386C	4A	A2	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 113	2*
346	UST 529	4A	A2	25000 gal.	Waste Oil (stored)	Inst. 1944	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 145	2*
395	UST 758B	4A	A2	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 197	2*
483	AST 335	4A	A2	650 gallons	Diesel (stored)		Inactive				See Table 3-7	2
497	AST 753	4A	A2	200 gallons - HT	Pesticides (stored)		Active				See Table 3-7	7*
526	TAA 298	4A	A2	< 90-day accumulation area-Bldg. 298			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 83	1
527	TAA 306	4A	A2	< 90-day accumulation area-Bldg. 306			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 88	6
528	TAA 307	4A	A2	< 90-day accumulation area-Bldg. 307			Active				See Table 3-8	7
534	TAA 370	4A	A2	Hazardous material storage/ < 90-day accumulation area-Bldg. 370			Active				See Table 3-8	7
537	TAA 386	4A	A2	< 90-day accumulation area-Bldg. 386			Active				See Tables 3-8 and 3-12; SWMU/AOC 114	1

Table 3-1b
Site Summary by New Parcel
(Sheet 5 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
555	TAA 529	4A	A2	< 90-day accumulation area-Bldg. 529			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 144	1
575	TAA 769	4A	A2	< 90-day accumulation area-Bldg. 769			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 222	1
576	TAA 770	4A	A2	< 90-day accumulation area-Bldg. 770			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 223	1
633	PCB T49	4A	A2	Transformer-1888163, Pad 254-Bldg. 335			Replaced			X	See Table 3-9	1
637	PCB T53	4A	A2	Transformer-62220, Pad 259-Bldg. 368			Removed			X	See Table 3-9	1
638	PCB T54	4A	A2	Transformer-62221, Pad 2510-Bldg. 369			Replaced			X	See Table 3-9	1
639	PCB T55	4A	A2	Transformer-62222, Pad 2511-Bldg. 370			Replaced			X	See Table 3-9	1
646	PCB T62	4A	A2	Transformer-4418 , Pad 257-Bldg. 386			Replaced			X	See Table 3-9	1
709	PCB A1	4A	A2	Transformer storage area near water tank 175								7
744	RFA 89	4A	A2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
777	RFA 195	4A	A2	Vehicle wash rack						X	See Table 3-12	1
786	RFA 238	4A	A2	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
818	OWS 298C	4A	A2	OWS 298C	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 84	2
854	OWS 758A	4A	A2	OWS 758A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 196	2
12	IRP 12	4B	A3	Sludge Drying Beds (OU-3)	Wastewater sludges applied to land.	1943 to 1972	Draft RI submitted in 1996.		FFA		Includes SWMU/AOC 90	6
158	UST 159	4B	A3	200 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
269	UST 322B	4B	A3	530 gal.	Diesel (stored)	unknown	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 282	2*
345	UST 493	4B	A3	1500 gal.	Diesel (stored)	Inst. 1944	Inactive		R/O		See Tables 3-6 and 3-12 SWMU/AOC 143	7
383	UST 674A	4B	A3	500 gal.	Waste oil (stored)	Inst. 1982	Closed/Abandoned		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 187	2*
482	AST 322	4B	A3	1,080 gallons	Diesel (stored)		Inactive				See Table 3-7	2
499	AST 862	4B	A3	30,000 gallons - HT	JP-5 (stored)		Inactive				See Table 3-7	2
556	TAA 534	4B	A3	< 90-day accumulation area-Bldg. 534			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 146	1
714	RFA 7	4B	A3	Transformer storage area			Transfer to RAC Remediation (impacted soils were removed in 1997)				See Table 3-12	6*
847	OWS 674	4B	A3	OWS 674	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 189	2
848	OWS 674B	4B	A3	OWS 674B	Oil/water	Inst. 1995	Active				See Table 3-13;	7

Table 3-1b
Site Summary by New Parcel
(Sheet 6 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
21	IRP 21	4B	A4	Materials Management Group, Bldg. 320 (OU-3)	Outdoor drum storage area for chemical storage, including temporary storage of chemicals with expired shelf lives.	1964 to 1986	Draft RI submitted in 1996.		FFA	X	Includes SWMU/AOC 94	3
268	UST 321	4B	A4	1000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Table 3-6	2
289	UST 359A	4B	A4	1000 gal.	Diesel (stored)	Inst. 1984	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 303	2
290	UST 359C	4B	A4	500 gal.	Hazardous Waste (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 102	2*
479	AST 317	4B	A4	275 gallons - HT	Fuel Oil (stored)		Removed			X	See Table 3-7	1
480	AST 318	4B	A4	275 gallons - HT	Fuel Oil (stored)		Removed			X	See Table 3-7	1
530	TAA 317	4B	A4	< 90-day accumulation area-Bldg. 317			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 93	1
701	PCB T117	4B	A4	Transformer-7093571-Bldg. 305			Active				See Table 3-9	1
702	PCB T118	4B	A4	Transformer-7220244-Bldg. 305			Active				See Table 3-9	1
703	PCB T119	4B	A4	Transformer-7220246-Bldg. 305			Active				See Table 3-9	1
745	RFA 94	4B	A4	< 90-day accumulation area			FA				See Table 3-12	6
793	RFA 253	4B	A4	Wash rack						X	See Table 3-12	1
481	AST 319	4B	A4a	275 gallons - HT	Fuel Oil (stored)		Removed			X	See Table 3-7	1
532	TAA 359A	4B	A4a	< 90-day accumulation area-Bldg. 359			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 254	1
533	TAA 359B	4B	A4a	< 90-day accumulation area-Bldg. 359			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 99	1*
634	PCB T50	4B	A4a	Transformer-B335346, Pad 264-Bldg. 359			Replaced			X	See Table 3-9	1
635	PCB T51	4B	A4a	Transformer-B335627, Pad 269-Bldg. 360			Replaced			X	See Table 3-9	1
704	PCB T120	4B	A4a	Transformer-57A8236-Bldg. 313			Active				See Table 3-9	1
748	RFA 98	4B	A4a	Vehicle wash rack						X	See Table 3-12	1
749	RFA 100	4B	A4a	TCE degreaser						X	See Table 3-12	3
750	RFA 103	4B[4]	A4a	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
810	RFA 304	4B	A4a	Trenches inside Bldg.						X	See Table 3-12	1
823	OWS 359B	4B	A4a	OWS 359B	Oil/water	Inst. 1952	Active				See Table 3-13; SWMU/AOC 101	2
581	TAA 800	4B	A4b	< 90-day accumulation area-Bldg. 800			Active				See Tables 3-8 and 3-12; SWMU/AOC 229	1
751	RFA 104	5A	A4b	< 90-day accumulation area			FA				See Table 3-12	6
752	RFA 105	5A	A4b	< 90-day accumulation area			FA				See Table 3-12	6
753	RFA 106	5A	A4b	< 90-day accumulation area			FA				See Table 3-12	6
807	RFA 299	4B	A4b	Wash rack						X	See Table 3-12	1

Table 3-1b
Site Summary by New Parcel
(Sheet 7 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
6	IRP 6	5A	B1	Drop Tank Drainage Area No. 1 (OU-3)	Rinsed aircraft drop tanks. Wastes included JP-5 and lubrication oils.	1969 to 1983	Draft RI submitted in 1996.		FFA	X	Includes SWMU/AOC 236	3
19	IRP 19	5A	B1	Aircraft Expeditionary Refueling (ACER) Site (OU-3)	Fuel storage area experienced minor fuel spills and leaks throughout operational history. A 15,000-gallon JP-5 spill occurred in 1986. Affected soil was excavated and replaced.	1964 to 1987	Units 2 & 3: Draft RI submitted in 1996. Unit 4: removed from IRP. Unit 1 was removed from the IRP and closed under the Petroleum Corrective Action Program on 14 May 97.		FFA	X		4
66	APHO 42	3A	B1	Wet soil							See Table 3-1b	7
255	UST 294	5A	B1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
300	UST 374A	3A	B1	42000 gal.	Diesel (stored)	Inst. 1954	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 263	2*
301	UST 374B	3A	B1	10000 gal.	Diesel (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2*
319	UST 404	5A	B1	1000 gal.	Diesel (stored)	Inst. 1957	Active		R/O		See Table 3-6	7
320	UST 405	3A	B1	1200 gal.	Diesel (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
321	UST 406	3A	B1	1200 gal.	Diesel (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
326	UST 442	3A	B1	110 gal.	Fuel oil (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2
330	UST 447A	3A	B1	10000 gal.	JP-5 (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	7
331	UST 447B	3A	B1	10000 gal.	JP-5 (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	7
336	UST 453	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		OCHCA	X	See Table 3-6	2*
337	UST 454	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		OCHCA	X	See Table 3-6	2*
338	UST 455	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		RWQCB	X	See Table 3-6	2
340	UST 461	5A	B1	550 gal.	Diesel (stored)	Inst. 1960	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 137	2*
341	UST 462	5A	B1	550 gal.	Diesel (stored)	Inst. 1960	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 139	2*
342	UST 463	3A	B1	1500 gal.	Diesel (stored)	Inst. 1960	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 249	2*
387	UST 706	3A	B1	100 gal.	Diesel (stored)	Inst. 1984	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 191	2*
398	UST 761B	5A	B1	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 206	2*
413	UST 891A	5A	B1	30000 gal.	JP-5 (stored)	Inst. 1990	Active		R/O		See Table 3-6	7
414	UST 891B	5A	B1	30000 gal.	JP-5 (stored)	Inst. 1990	Active		R/O		See Table 3-6	7
415	UST 891C	5A	B1	2500 gal.	JP-5 (stored)	Inst. 1990	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 20	7
535	TAA 371A	5A	B1	< 90-day accumulation area-Bldg. 371			Active				See Tables 3-8 and 3-12; SWMU/AOC 107	1
536	TAA 371B	5A	B1	< 90-day accumulation area-Bldg. 371			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 242	1*
547	TAA 441	3A	B1	< 90-day accumulation area-Bldg. 441			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 256	1*

Table 3-1b
Site Summary by New Parcel
(Sheet 8 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
548	TAA 442	3A	B1	< 90-day accumulation area-Bldg. 442			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 126	1
551	TAA 447	3A	B1	< 90-day accumulation area-Bldg. 447			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 130	1*
552	TAA 456	3A	B1	< 90-day accumulation area-Bldg. 456			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 135	1
553	TAA 461	5A	B1	< 90-day accumulation area-Bldg. 461			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 138	1
554	TAA 462	5A	B1	< 90-day accumulation area-Bldg. 462			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 140	1
562	TAA 636	3A	B1	< 90-day accumulation area-Bldg. 636			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 160	1*
573	TAA 761	3A	B1	< 90-day accumulation area-Bldg. 761			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 236	7
582	TAA 831	3A	B1	< 90-day accumulation area-Bldg. 831			Active				See Table 3-8	7
583	TAA 856	3A	B1	< 90-day accumulation area-Bldg. 856			Active				See Tables 3-8 and 3-12; SWMU/AOC 234	1*
609	PCB T25	3A	B1	Transformer-14346-1, NA-Bldg. 165			Replaced			X	See Table 3-9	1
640	PCB T56	5A	B1	Transformer-10097-1, Pad 335-Bldg. 371			Active				See Table 3-9; Leak requires evaluation	7
641	PCB T57	5A	B1	Transformer-10098-1, Pad 335-Bldg. 371			Active			X	See Table 3-9	1
643	PCB T59	3A	B1	Transformer-14440 , Pad 321-Bldg. 374			Replaced			X	See Table 3-9	1
647	PCB T63	3A	B1	Transformer-9908129, Pad 316-Bldg. 406			Replaced			X	See Table 3-9	1
653	PCB T69	3A	B1	Transformer-C861997B, Pad 331-Bldg. 447			Replaced			X	See Table 3-9	1
658	PCB T74	3A	B1	Transformer-C-862139, Pad 327-Bldg. 457			Replaced				See Table 3-9; SWMU/AOC 244	7
659	PCB T75	5A	B1	Transformer-Missing, Pad 318-Bldg. 458			Unknown			X	See Table 3-9	1
671	PCB T87	3A	B1	Transformer-10832-1, Pad 323-Bldg. 636			Replaced			X	See Table 3-9	1
731	RFA 46	3A	B1	Vehicle Maintenance and Parking / DRMO			Transfer to RAC				See Table 3-12	2
747	RFA 96	5A	B1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
760	RFA 131	3A	B1	Engine test cell			Transfer to RAC Remediation (impacted soils were removed in 1997)				See Table 3-12	6
761	RFA 133	3A	B1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
762	RFA 134	3A	B1	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
763	RFA 136	5A	B1	Aircraft wash area						X	See Table 3-12	1

Table 3-1b
Site Summary by New Parcel
(Sheet 9 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
764	RFA 141	5A	B1	Aircraft wash area						X	See Table 3-12	1
765	RFA 142	5A	B1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
780	RFA 204	5A	B1	Vehicle wash rack			FA				See Table 3-12	6
824	OWS 371	3A	B1	OWS 371	Oil/water	Unknown	Active				See Table 3-13	7
830	OWS 461A	5A	B1	OWS 461A	Oil/water	Unknown	Active				See Table 3-13	7
831	OWS 462	5A	B1	OWS 462	Oil/water	Unknown	Active				See Table 3-13	7
857	OWS 761A	5A	B1	OWS 761A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 205	2
866	OWS 845	5A	B1	OWS 845	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 248	2
332	UST 449	1G	C1	3000 gal.	Fuel oil (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
333	UST 450	1G	C1	3000 gal.	Diesel (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
334	UST 451	1G	C1	3000 gal.	Diesel (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
335	UST 452	1G	C1	3000 gal.	Diesel (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
391	UST 733A	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Table 3-6	2*
392	UST 733B	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 286	2*
393	UST 733C	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 287	2*
394	UST 733D	1G	C1	10000 gal.	Diesel (stored)	Inst. 1980	Closed		OCHCA	X	See Table 3-6	2*
495	AST 670	1G	C1	1,000 gallons	Liquid Propane Gas (stored)		Removed			X	See Table 3-7; not plotted on BCP figures	1*
617	PCB T33	1F	C1	Transformer-NA-Bldg. 248			Removed			X	See Table 3-9	1
648	PCB T64	1F	C1	Transformer-NA , Pole 248-Bldg. 410			Removed			X	See Table 3-9	1
649	PCB T65	1F	C1	Transformer- Pole 248-Bldg. 410			Removed			X	See Table 3-9	1
654	PCB T70	1G	C1	Transformer-7371282, Pad 165-Bldg. 449			Removed			X	See Table 3-9	1
655	PCB T71	1G	C1	Transformer-7371279, Pad 166-Bldg. 450			Removed			X	See Table 3-9	1
656	PCB T72	1G	C1	Transformer-7371281, Pad 167-Bldg. 451			Removed			X	See Table 3-9	1
657	PCB T73	1G	C1	Transformer-7371280, Pad 168-Bldg. 452			Removed			X	See Table 3-9	1
692	PCB T108	1F	C1	Transformer- Pole 251			Removed			X	See Table 3-9	1
811	RFA 305	1F	C1	Septic tank						X	See Table 3-12	1
812	RFA 306	1F	C1	Septic tank						X	See Table 3-12	1
291	UST 364A	1G	C2	2000 gal.	Fuel oil (stored)	Inst. 1952	Removed		R/O		See Table 3-6	2*
292	UST 364B	1G	C2	5300 gal.	Fuel oil (stored)	Inst. 1952	Closed		RWQCB	X	See Table 3-6	2*
293	UST 365	1G	C2	2500 gal.	Diesel (stored)	Inst. 1954	Closed		R/O		See Table 3-6	2*
294	UST 366	1G	C2	2500 gal.	Diesel (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2*
295	UST 367	1G	C2	2500 gal.	Diesel (stored)	Inst. 1954	Abandoned		R/O		See Table 3-6	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 10 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
324	UST 439A	1G	C2	5000 gal.	Fuel oil (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
325	UST 439B	1G	C2	5000 gal.	Fuel oil (stored)	Inst. 1959	Closed		OCHCA	X	See Table 3-6	2*
327	UST 443	1G	C2	1000 gal.	Diesel (stored)	Inst. 1959	Closed		RWQCB	X	See Table 3-6	2*
369	UST 651-1	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
370	UST 651-2	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
371	UST 651-3	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
372	UST 651-4	1G	C2	12000 gal.	Unleaded (stored)	Inst. 1971	Active		R/O		See Table 3-6	7
373	UST 651-5	1G	C2	500 gal.	Waste Oil (stored)	Inst. 1971	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 166	7
374	UST 651-6	1G	C2	500 gal.	Motor Oil (stored)	Inst. 1971	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 167	7
375	UST 651-7	1G	C2	500 gal.	Motor Oil (stored)	Inst. 1971	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 168	7
379	UST 662	1G	C2	10000 gal.	Fuel oil (stored)	Inst. 1973	Closed		OCHCA	X	See Table 3-6	2
385	UST 693A	1G	C2	500 gal.	Diesel (stored)	Inst. 1975	Closed		OCHCA	X	See Table 3-6	2*
386	UST 693B	1G	C2	500 gal.	Diesel (stored)	Inst. 1975	Closed		OCHCA	X	See Table 3-6	1*
493	AST 651	1G	C2	1,000 gallons - HT	Propane (stored)		Active				See Table 3-7	2
549	TAA 443	1G	C2	< 90-day accumulation area-Bldg. 443			Active				See Table 3-8	7
563	TAA 651	1G	C2	< 90-day accumulation area-Bldg. 651			Active				See Tables 3-8 and 3-12; SWMU/AOC 165	1*
568	TAA 693	1G	C2	< 90-day accumulation area-Bldg. 693			Active				See Table 3-8	7
570	TAA 744	1G	C2	< 90-day accumulation area-Bldg. 744			Active				See Table 3-8	1*
636	PCB T52	1G	C2	Transformer-62194, Pad 162-Bldg. 365			Removed			X	See Table 3-9	1
651	PCB T67	1G	C2	Transformer-C-861785, Pad 111-Bldg. 439			Removed			X	See Table 3-9	1
769	RFA 164	1G	C2	Vehicle wash rack						X	See Table 3-12	3
840	OWS 651-8	1G	C2	OWS 651-8	Oil/water	Inst. 1971	Active				See Table 3-13; SWMU/AOC 169	2
841	OWS 652		C2	OWS 652	Oil/water	Unknown	Active				See Table 3-13	7
853	OWS 744	1G	C2	OWS 744	Oil/water	Unknown	Active				See Table 3-13	7
878	SRU 1	1G	C2	Silver recovery unit at hospital/dental clinic-Bldg. 439			Active				Site conditions unknown	7
879	SRU 2	1G	C2	Silver recovery unit at photo lab-Bldg. 443			Active				Site conditions unknown	7
885	MSC W1	1G	C2	Former elevated water reservoir (west tower)			Inactive				Reported past mercury releases from level gauge in interview	7
886	MSC W2	1G	C2	Former elevated water reservoir (east tower)			Inactive				Reported past mercury releases from level gauge in interview	7
431	UST 5211	2B	D16	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
432	UST 5212	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
433	UST 5213	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2

Table 3-1b
Site Summary by New Parcel
(Sheet 11 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
434	UST 5214	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
435	UST 5215	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
436	UST 5216	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
437	UST 5217	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
438	UST 5218	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
439	UST 5219	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
440	UST 5220	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
441	UST 5221	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
458	UST 5238	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
459	UST 5239	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
460	UST 5240	2C	D1b	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
682	PCB T98	2C	D1b	Transformer-6969510, Pole 946-Bldg. 5240			Removed			X	See Table 3-9	1
686	PCB T102	2C	D1b	Transformer-69680882, Pole 952A-Bldg. 5125			Unknown			X	See Table 3-9	1
883	MSC R1	2C	D1b	Possible refuse area next to family housing			Inactive				Identified in interviews	7
664	PCB T80	2C	D2	Transformer-B336887, Pad 401- Bldg. 582			Replaced			X	See Table 3-9	1
1	IRP 1	2F	E1	Explosive Ordnance Disposal Range (OU-3)	Excess ordnance including sulfur trioxide chlorosulfonic acid.	1952 to 1982	RI to begin in 1997.		FFA			6
2	IRP 2	5C	E1	Magazine Road Landfill (OU-2B)	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 and FS complete.	Scenario: Recreational Child Cancer Risk soil: 6.6×10^{-6} (9.0×10^{-6}) gw: 2.9×10^{-4} (5.7×10^{-4}) Noncancer Risk soil: 0.99; gw: 6.6	FFA			5*
17	IRP 17	5C	E1	Communications Station Landfill (OU-2B)	Landfilled cooking grease, oils, fuels, and municipal debris.	1981 to 1983	Draft RI and FS complete.	Scenario: Recreational Child Cancer Risk soil: 7.9×10^{-6} (1.4×10^{-5}) gw: 3.0×10^{-4} (7.1×10^{-4}) Noncancer Risk soil: 0.14; gw: 6.9	FFA			5*
68	APHO 44	5C	E1	Disturbed ground, mounded material							See Table 3-1b	7
347	UST 547	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
348	UST 548	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
349	UST 549	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
350	UST 550	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
351	UST 551	2D	E1	567000 gal.	JP-5 (stored)	Inst. 1953	Active		R/O		See Table 3-6	7
352	UST 553	2D	E1	10000 gal.	Gasoline (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
353	UST 554	2D	E1	10000 gal.	Kerosene (stored)	Inst. 1956	Closed		RWQCB	X	See Table 3-6	2*
354	UST 568	5C	E1	500 gal. 250 gal.	Diesel (stored)	Inst. 1956	Active		R/O		See Table 3-6	7
463	UST 9001		E1	10000 gal.	Diesel (stored)	Unknown	Closed		OCHCA	X	See Table 3-6	2
464	UST 9002		E1	5000 gal.	Diesel (stored)	Unknown	Closed		OCHCA	X	See Table 3-6	2
465	UST T-1	2D	E1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 23	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 12 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
706	PCB T122	2D	E1	Transformer-B33639-Bldg. 555			Active				See Table 3-9	1
715	RFA 8	2F	E1	Abandoned Well 50-3285-3285						X	See Table 3-12	1
813	RFA 307	5C	E1	Septic tank						X	See Table 3-12	1
54	APHO 30	5B	G3	Unidentified object							See Table 3-1b	7
13	IRP 13	1A	H1	Oil Change Area (OU-3)	Releases of crankcase oil.	1977 to 1983	Draft RI submitted in 1996.		FFA	X		3
14	IRP 14	1A	H1	Battery Acid Disposal Area (OU-3)	Vehicle battery acid, lubrication oil, and paint residue.	1977 to 1983	RI to begin in 1997.		FFA			6
16	IRP 16	5A	H1	Crash Crew Pit No. 2 (OU-3)	Burned JP-5, AVGAS, hydraulic fluid, crankcase oil, white phosphorus, magnesium phosphate, and napalm in unlined pits for fire training.	1972 to 1985	Draft RI submitted in 1996.		FFA			6
25	APHO 1	1A	H1	Stain							See Table 3-1b	7
39	APHO 15	5A	H1	Stain							See Table 3-1b	7
40	APHO 16	1A	H1	Wet soil, liquid							See Table 3-1b	7
46	APHO 22	1A	H1	Stain, Drum							See Table 3-1b	7
47	APHO 23	5A	H1	Fuel bladder revetment, stain							See Table 3-1b	7
51	APHO 27	1A	H1	Stain, wet soil							See Table 3-1b	7
53	APHO 29	1A	H1	Wet soil, liquid							See Table 3-1b	7
56	APHO 32	5A	H1	Stain							See Table 3-1b	7
58	APHO 34	1A	H1	Stain, unidentified object, vertical tank							See Table 3-1b	7
64	APHO 40	1B	H1	Drum							See Table 3-1b	7
65	APHO 41	1A	H1	Stain, wet soil							See Table 3-1b	7
76	APHO 52	1A	H1	Stain							See Table 3-1b	7
80	UST 6B	5A	H1	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
81	UST 11	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
82	UST 12	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
83	UST 13	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
84	UST 14	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
85	UST 24	1A	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
94	UST 42	1D	H1	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2

Table 3-1b
Site Summary by New Parcel
(Sheet 13 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
95	UST 43	1D	H1	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
96	UST 44	1D	H1	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
98	UST 45	1D	H1	500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
99	UST 46	1D	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
100	UST 47A	1D	H1	1500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
101	UST 47B	1D	H1	1500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
102	UST 53	1D	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
103	UST 54A	1C	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
104	UST 54B	1C	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
105	UST 54C	1C	H1	1400 gal.	Diesel (stored)		Removed		R/O		See Table 3-6	7*
106	UST 55A	1C	H1	5000 gal.	Unknown	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
107	UST 55B	1C	H1	5000 gal.	Unknown	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
108	UST 56A	1C	H1	550 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
136	UST 56B	1C	H1	1400 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	7
138	UST 81	1B	H1	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
139	UST 83A	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2
142	UST 83B	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
143	UST 94	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
160	UST 98A	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
161	UST 176	1A	H1	25000 gal.	Av.Gas, wastewater (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
162	UST 177	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
163	UST 178	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 48	2*
164	UST 179	1A	H1	25000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 49	2*
165	UST 180	1A	H1	25000 gal.	Av.Gas, wastewater (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 51	2*
166	UST 181	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
167	UST 182	1A	H1	50000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 52	2*
170	UST 183	1A	H1	25000 gal.	Av.Gas, wastewater, fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
171	UST 186	1D	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 275	2*
172	UST 187	1D	H1	50000 gal.	Aviation Gas/JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 276	2*
173	UST 188	1A	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 277	2*
174	UST 189	1A	H1	50000 gal.	Waste Oil (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 57	2*
175	UST 190	1A	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 278	2*
176	UST 191	1A	H1	25000 gal.	Waste Oil (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 59	2*
177	UST 192	1A	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
178	UST 193	1A	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 279	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 14 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
179	UST 194	1A	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
203	UST 195	1A	H1	25000 gal.	Waste Fuel (stored)	Inst. 1943	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 280	2*
204	UST 219	1B	H1	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
205	UST 220	1B	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
206	UST 221	1B	H1	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
207	UST 224	1D	H1	500 gal.	Fuel Oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
208	UST 240A	1A	H1	8000 gal.	Aviation Gas (stored)	Inst. 1944	Removed		R/O		See Table 3-6	2*
209	UST 240B	1A	H1	185 gal.	Waste Oil (stored)	Inst. 1982	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 65	2*
210	UST 241	1A	H1	850 gal.	Diesel (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
220	UST 243	1A	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Removed		R/O		See Table 3-6	2*
234	UST 256	1C	H1	2000 gal.	Fuel oil (stored)	Inst. 1945	Closed		R/O		See Table 3-6	2*
235	UST 271A	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
236	UST 271B	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
237	UST 271C	1B	H1	650 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
238	UST 271D	1B	H1	650 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
239	UST 272	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
241	UST 273	1B	H1	300 gal.	Fuel oil (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
243	UST 275	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Inactive		R/O		See Table 3-6	2*
246	UST 277	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
248	UST 279	1B	H1	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	7
252	UST 281	1B	H1	2000 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
253	UST 285	1B	H1	2000 gal.	Fuel oil (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
278	UST 288	5A	H1	1500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
279	UST 327	1C	H1	2600 gal.	Diesel (stored)	Inst. 1945	Removed		RWQCB	X	See Table 3-6	2*
282	UST 328	1C	H1	2600 gal.	Diesel (stored)	Inst. 1945	Removed		R/O		See Table 3-6	2*
283	UST 337A	1B	H1	2600 gal.	Fuel oil (stored)	Inst. 1946	Removed		R/O		See Table 3-6	2*
322	UST 337B	1B	H1	2600 gal.	Fuel oil (stored)	Inst. 1946	Removed		R/O		See Table 3-6	2*
361	UST 418		H1	550 gal.	Fuel oil (stored)	Inst. 1956	Closed		OCHCA	X	See Table 3-6	
390	UST 625	1B	H1	1500 gal.	Waste Oil (stored)	Inst. 1967	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 156	2*
402	UST 730	1A	H1	1000 gal.	Diesel (stored)	Inst. 1978	Active		R/O		See Table 3-6	7
403	UST 765A	1A	H1	185 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 217	7
405	UST 766B	1A	H1	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 221	2*
468	UST 797	1A	H1	10000 gal.	Aviation Gas (stored)	Inst. 1985	Active		R/O		See Table 3-6	7
469	UST T-4	1A	H1	2000 gal.	Waste Oil (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 58	2*
478	UST T-5	1A	H1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		RWQCB	X	See Tables 3-6 and 3-12 SWMU/AOC 17	2*
501	AST 245	1A	H1	1,000 gallons - HT	Propane or Air (stored)		Active				See Table 3-7	2
502	TAA 2	1A	H1	< 90-day accumulation area - Hanger 2			Active				See Table 3-8	3*
503	TAA 5A	5A	H1	< 90-day accumulation area-Bldg. 5			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 25	1
504	TAA 5B	1A	H1	< 90-day accumulation area-Bldg. 5			Active				See Tables 3-8 and 3-12; SWMU/AOC 26	6

Table 3-1b
Site Summary by New Parcel
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Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
505	TAA 7	5A	H1	< 90-day accumulation area-Bldg. 7			Inactive				See Table 3-8	1
506	TAA 10	1A	H1	< 90-day accumulation area-Bldg. 10			Active				See Tables 3-8 and 3-12; SWMU/AOC 27	1
507	TAA 19	1A	H1	< 90-day accumulation area-Bldg. 19			Inactive				See Table 3-8	7
522	TAA 22	1A	H1	< 90-day accumulation area-Bldg. 22			Active				See Table 3-8	3*
523	TAA 240	1A	H1	< 90-day accumulation area-Bldg. 240			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 64	1
524	TAA 242	1A	H1	< 90-day accumulation area-Bldg. 242			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 67	1*
580	TAA 289	5A	H1	< 90-day accumulation area-Bldg. 289			Active				See Tables 3-8 and 3-12; SWMU/AOC 70	1*
585	TAA 779	5A	H1	< 90-day accumulation area-Bldg. 779			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 227	1
586	PCB T1	5A	H1	Transformer - F503496-65P, Pad 1311-Bldg. 6			Active			X	See Table 3-9	1
587	PCB T2	1A	H1	Transformer-5KL505, Bldg. 12			Replaced			X	See Table 3-9	1
723	PCB T3	1A	H1	Transformer-1350660, Pole 507B-Bldg. 19			Unknown			X	See Table 3-9	1
729	RFA 28	5A	H1	Fuel spill site						X	See Table 3-12	2
783	RFA 50	1A	H1	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
784	RFA 216	1A	H1	Vehicle wash rack						X	See Table 3-12	1
800	RFA 219	1A	H1	Vehicle wash rack						X	See Table 3-12	1
814	RFA 268	1A	H1	Vehicle wash rack						X	See Table 3-12	1
815	OWS 240C	1A	H1	OWS 240C	Oil/water	Inst. 1982	Removed				See Table 3-13; SWMU/AOC 66	2
861	OWS 244	5A	H1	OWS 244	Oil/water	Inst. 1944	Inactive				See Table 3-13; SWMU/AOC 68	7
862	OWS 765B	1A	H1	OWS 765B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 218	2
874	OWS 766A	1A	H1	OWS 766A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 220	2
875	MSC B1	5A	H1	Active burn pit adjacent to IRP Site 16	burns JP-5	current	Active					7
15	MSC B2	5A	H1	Inactive burn pit adjacent to IRP Site 16		1988, once	Inactive				Only used once	7
20	IRP 15	1D	H2	Suspended Fuel Tanks (OU-3)	Diesel fuel leaked onto soil.	1979 to 1984	Unit 2: Draft RI submitted in 1996. Unit 1 was removed from the IRP and closed under the Petroleum Corrective Action Program on 14 May 97.		FFA	X		3

Table 3-1b
Site Summary by New Parcel
(Sheet 16 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
29	IRP 20	1B	H2	Hobby Shop (OU-3)	Kerosene formerly used to wash down pavement, collected in oil/water separatofs that discharged to nearby drainage ditches; stained soil from petroleum products.	1967 to present	Units 1 & 4: Draft RI submitted in 1996. Unit 3 was removed from the IRP and closed under the Petroleum October Corrective Action Program (PCAP) on 13 Aug 96. Unit 2 was removed from the IRP and was closed on 28 October 1997.		FFA	X		3
57	APHO 5	1D	H2	Open storage							See Table 3-1b	7
78	APHO 33	1D	H2	Open storage							See Table 3-1b	7
79	UST 1A	1C	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
86	UST 1B	1C	H2	500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
87	UST 32	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
88	UST 33	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
89	UST 34	1D	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
90	UST 35	1D	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
91	UST 37	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
92	UST 38	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	7
93	UST 40	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
97	UST 41	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
109	UST 57	1C	H2	15000 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
110	UST 58	1C	H2	5300 gal.	Diesel (stored)	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
111	UST 59	1C	H2	5300 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
112	UST 60	1C	H2	2000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
113	UST 62	1C	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
114	UST 63A	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
115	UST 63B	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
116	UST 65A	1C	H2	1400 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
117	UST 66A	1B	H2	1100 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
118	UST 66B	1B	H2	1500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
119	UST 66C	1B	H2	1500 gal.	Diesel/Oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
120	UST 67A	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
121	UST 67B	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
122	UST 68	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
123	UST 69	1B	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
124	UST 70	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
125	UST 71	1B	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
126	UST 72	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
127	UST 73	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
128	UST 74	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
129	UST 75A	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
130	UST 75B	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
131	UST 75C	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7

Table 3-1b
Site Summary by New Parcel
(Sheet 17 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
132	UST 77	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
133	UST 78	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
134	UST 79	1B	H2	500 gal.	Fuel oil (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
135	UST 80	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
137	UST 82	1B	H2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
140	UST 84A	1B	H2	1500 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
141	UST 84B	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
157	UST 146	1C	H2	2600 gal.	Unknown	unknown	Closed		OCHCA	X	See Table 3-6	2*
211	UST 247	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
212	UST 248	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
213	UST 249	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
214	UST 250	1D	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
215	UST 251	1D	H2	2000 gal.	Fuel oil (stored)	Inst. 1944	Removed		R/O		See Table 3-6	2*
216	UST 252	1D	H2	1400 gal.	Diesel (stored)		Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 281	2*
217	UST 253	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Inactive		OCHCA		See Table 3-6	2*
218	UST 254	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1958	Inactive		R/O		See Table 3-6	2*
219	UST 255	1D	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Inactive		R/O		See Table 3-6	2*
221	UST 257	1C	H2	1400 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
222	UST 258	1C	H2	1400 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
223	UST 260	1C	H2	2600 gal.	Fuel oil (stored)	Inst. 1945	Removed		OCHCA		See Table 3-6	2*
224	UST 262A	1B	H2	2600 gal.	Diesel (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
225	UST 262B	1B	H2	2600 gal.	Diesel (stored)	Inst. 1944	Closed		RWQCB	X	See Table 3-6	2*
226	UST 263	1B	H2	3400 gal.	Diesel (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
227	UST 264	1B	H2	3400 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
228	UST 265	1B	H2	1400 gal.	Diesel (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*
229	UST 266	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
230	UST 267	1B	H2	1400 gal.	Unknown	Inst. 1945	Removed		OCHCA		See Table 3-6	2*
231	UST 268	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
232	UST 269	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
233	UST 270	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
240	UST 274	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
242	UST 276	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
244	UST 278A	1B	H2	1500 gal.	Fuel oil (stored)	Inst. 1945	Inactive		R/O		See Table 3-6	7
245	UST 278B	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
247	UST 280	1B	H2	2000 gal.	Diesel (stored)	Inst. 1945	Closed		RWQCB	X	See Table 3-6	2*
249	UST 282	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
250	UST 283	1B	H2	1400 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
251	UST 284	1B	H2	2000 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
280	UST 329	1C	H2	3100 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
284	UST 347A	1B	H2	5000 gal.	Gasoline (stored)	Inst. 1948	Closed		OCHCA	X	See Table 3-6	2*
285	UST 347B	1B	H2	7500 gal.	Gasoline (stored)	Inst. 1948	Closed		OCHCA	X	See Table 3-6	2
286	UST 347C	1B	H2	10000 gal.	Gasoline (stored)	Inst. 1948	Closed		OCHCA	X	See Table 3-6	2*
287	UST 347D	1B	H2	300 gal.	Waste oil (stored)	Inst. 1948	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 284	2*
343	UST 473A	1B	H2	1500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
344	UST 473B	1C	H2	1500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	7
389	UST 718	1B	H2	4000 gal.	Fuel oil (stored)	Inst. 1978	Closed		OCHCA	X	See Table 3-6	2
419	UST 5101	1D	H2	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 18 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[3]
420	UST 5102	1D	H2	500 gal.	Fuel oil (stored)	inst. 1943	Inactive		R/O		See Table 3-6	2*
500	AST 883	1B	H2	1,000 gallons - rectangular tank	Empty, formerly waste oil (stored)		Inactive				See Table 3-7	1
508	TAA 29A	1D	H2	< 90-day accumulation area-Bldg. 29			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 30	3
509	TAA 29B	1D	H2	< 90-day accumulation area-Bldg. 29			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 31	3
510	TAA 31A	1D	H2	< 90-day accumulation area-Bldg. 31			Active				See Tables 3-8 and 3-12; SWMU/AOC 272	1*
511	TAA 31B	1D	H2	< 90-day accumulation area-Bldg. 31			Inactive				See Table 3-8	3*
512	TAA 51	1D	H2	< 90-day accumulation area-Bldg. 51			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 33	6
513	TAA 77	1B	H2	< 90-day accumulation area-Bldg. 77			Inactive				See Table 3-8	7
560	TAA 626	1B	H2	< 90-day accumulation area-Bldg. 626			Active				See Tables 3-8 and 3-12; SWMU/AOC 158	6
577	TAA 771	1D	H2	< 90-day accumulation area-Bldg. 771			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 224	1
588	PCB T4	1D	H2	Transformer- Pole 599-Bldg. 35			Removed			X	See Table 3-9	1
589	PCB T5	1C	H2	Transformer-23971, Pole 157-Bldg. 58			Unknown			X	See Table 3-9	1
590	PCB T6	1C	H2	Transformer-6954405, Pad 142-Bldg. 59			Replaced			X	See Table 3-9	1
591	PCB T7	1C	H2	Transformer-6954539, Pad 142-Bldg. 59			Replaced			X	See Table 3-9	1
592	PCB T8	1C	H2	Transformer-6956179, Pad 142-Bldg. 59			Replaced			X	See Table 3-9	1
593	PCB T9	1C	H2	Transformer-7092522, Pole 80-Bldg. 60			Unknown			X	See Table 3-9	1
594	PCB T10	1C	H2	Transformer-645B17826, Pole 654-			Removed			X	See Table 3-9	1
595	PCB T11	1C	H2	Transformer-645B17827, Pole 654-			Removed			X	See Table 3-9	1
596	PCB T12	1C	H2	Transformer-645B17855, Pole 654-			Removed			X	See Table 3-9	1
612	PCB T28	1D	H2	Transformer-6687930, NA-Bldg. 248			Removed			X	See Table 3-9	1
613	PCB T29	1D	H2	Transformer-66F2983-Bldg. 248			Removed			X	See Table 3-9	1
614	PCB T30	1D	H2	Transformer-66F3028-Bldg. 248			Removed			X	See Table 3-9	1
615	PCB T31	1D	H2	Transformer-66K117-Bldg. 248			Removed			X	See Table 3-9	1
616	PCB T32	1D	H2	Transformer-66K154-Bldg. 248			Removed			X	See Table 3-9	1

Table 3-1b
Site Summary by New Parcel
(Sheet 19 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
618	PCB T34	1B	H2	Transformer-9750379, Pad 143-Bldg. 264			Replaced			X	See Table 3-9	1
619	PCB T35	1B	H2	Transformer-9750997, Pad 143-Bldg. 264			Replaced			X	See Table 3-9	1
620	PCB T36	1B	H2	Transformer-3700258, Pad 138-Bldg. 272			Replaced			X	See Table 3-9	1
621	PCB T37	1B	H2	Transformer-6962781, Pad 138-Bldg. 272			Replaced			X	See Table 3-9	1
622	PCB T38	1B	H2	Transformer-7093990, Pad 138-Bldg. 272			Replaced			X	See Table 3-9	1
623	PCB T39	1B	H2	Transformer-7093256, Pad 128-Bldg. 281			Removed			X	See Table 3-9	1
624	PCB T40	1B	H2	Transformer-7093261, Pad 128-Bldg. 281			Removed			X	See Table 3-9	1
625	PCB T41	1B	H2	Transformer-7220136, Pad 128-Bldg. 281			Removed			X	See Table 3-9	1
626	PCB T42	1B	H2	Transformer-6224013, Pad 141-Bldg. 285			Replaced			X	See Table 3-9	1
627	PCB T43	1B	H2	Transformer-7093682, Pad 141-Bldg. 285			Replaced			X	See Table 3-9	1
628	PCB T44	1B	H2	Transformer-7220241, Pad 141-Bldg. 285			Replaced			X	See Table 3-9	1
630	PCB T46	1C	H2	Transformer-72535, Pole 73-Bldg. 327			Removed			X	See Table 3-9	1
631	PCB T47	1C	H2	Transformer-6587555, Pole 74-Bldg. 327			Unknown			X	See Table 3-9	1
632	PCB T48	1C	H2	Transformer-65875666, Pole 74-Bldg. 327			Unknown			X	See Table 3-9	1
667	PCB T83	1C	H2	Transformer-NA , Pole 166A-Bldg. 630			Unknown			X	See Table 3-9	1
675	PCB T91	1D	H2	Transformer-786787895, Pole 648-Bldg. 692			Removed			X	See Table 3-9	1
676	PCB T92	1D	H2	Transformer-786787910, Pole 648-Bldg. 692			Removed			X	See Table 3-9	1
677	PCB T93	1D	H2	Transformer-786787919, Pole 648-Bldg. 692			Removed			X	See Table 3-9	1
683	PCB T99	1D	H2	Transformer-7794141, Pole 666-Bldg. 5417			Removed			X	See Table 3-9	1
684	PCB T100	1D	H2	Transformer-7794142, Pole 666-Bldg. 5417			Removed			X	See Table 3-9	1
685	PCB T101	1D	H2	Transformer-7794143, Pole 666-Bldg. 5417			Removed			X	See Table 3-9	1
687	PCB T103	1D	H2	Transformer-793397, Pole 687-Bldg. 687			Removed			X	See Table 3-9	1
688	PCB T104	1D	H2	Transformer-794144, Pole 687-Bldg. 687			Removed			X	See Table 3-9	1
689	PCB T105	1D	H2	Transformer-6900519, Pole 687-Bldg. 687			Removed			X	See Table 3-9	1

Table 3-1b
Site Summary by New Parcel
(Sheet 20 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
694	PCB T110	1B	H2	Transformer-70609-Bldg. 271			Active			X	See Table 3-9	1
695	PCB T111	1B	H2	Transformer-70465-Bldg. 271			Active			X	See Table 3-9	1
696	PCB T112	1B	H2	Transformer-704464-Bldg. 271			Active			X	See Table 3-9	1
697	PCB T113	1B	H2	Transformer-8335541-Bldg. 833			Active			X	See Table 3-9	1
698	PCB T114	1B	H2	Transformer-8335544-Bldg. 833			Active			X	See Table 3-9	1
699	PCB T115	1B	H2	Transformer-8335543-Bldg. 833			Active			X	See Table 3-9	1
700	PCB T116	1B	H2	Transformer-7093988-Bldg. 263			Active				See Table 3-9	1
705	PCB T121	1C	H2	Transformer-B684199-Bldg. 382			Active				See Table 3-9	1
724	RFA 32	1D	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
733	RFA 55	1D	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
734	RFA 56	1D	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
735	RFA 69	1B	H2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
768	RFA 157	1B	H2	Vehicle wash rack			FA				See Table 3-12	6
802	RFA 273	1D	H2	Wash rack						X	See Table 3-12	1
803	RFA 274	1D	H2	Stockpiled soil						X	See Table 3-12	1
816	OWS 280A	1B	H2	OWS 280A	Oil/water	Unknown	Closed		OCHCA	X	See Table 3-13	2
835	OWS 626-1	1B	H2	OWS 626-1	Oil/water	Inst. 1967	Active				See Table 3-13; SWMU/AOC 159	2
836	OWS 626-2	1B	H2	OWS 626-2	Oil/water	Unknown	Active				See Table 3-13	7
837	OWS 626-3	1B	H2	OWS 626-3	Oil/water	Unknown	Active				See Table 3-13	7
838	OWS 626-4	1B	H2	OWS 626-4	Oil/water	Unknown	Active				See Table 3-13	7
872	OWS 1702	1B	H2	OWS 1702	Oil/water	Unknown	Active				See Table 3-13	7
168	UST 184	1D	H3	25000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
169	UST 185	1D	H3	50000 gal.	Unknown	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
288	UST 351	1D	H3	500 gal.	Fuel oil (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
302	UST 375	1D	H3	10000 gal.	Fuel oil (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2
4	IRP 4	2A	I1	Ferrocene Spill Area (OU-3)	Ferrocene spill material from engine test cell.	1983	Record of Decision (ROD) Signed in September 1997.			X		3
52	APHO 28	2A	I1	Liquid							See Table 3-1b	7

Table 3-1b
Site Summary by New Parcel
(Sheet 21 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
59	APHO 35	2A	I1	Open storage							See Table 3-1b	7
61	APHO 37	5A	I1	Stain							See Table 3-1b	7
74	APHO 50	5A	I1	Trench							See Table 3-1b	7
146	UST 114A	5A	I1	1500 gal.	Fuel oil (stored)	Inst. 1966	Closed		RWQCB	X	See Table 3-6	2*
147	UST 114B	5A	I1	560 gal.	Diesel (stored)	Inst. 1966	Removed		R/O		See Table 3-6	2*
148	UST 115A	5A	I1	650 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
149	UST 115B	5A	I1	560 gal.	Fuel oil (stored)	Inst. 1966	Closed		R/O	X	See Table 3-6	7*
150	UST 116	5A	I1	500 gal.	Diesel (stored)	Inst. 1943	Inactive		R/O		See Table 3-6	2*
151	UST 117	5A	I1	500 gal.	Diesel (stored)	Inst. 1943	Closed		R/O	X	See Table 3-6	2*
152	UST 126	2A	I1	500 gal.	Diesel (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
156	UST 138	2A	I1	1000 gal.	Diesel (stored)	Inst. 1943	Removed		R/O		See Table 3-6	2*
192	UST 208	2A	I1	50000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
193	UST 209	2A	I1	25000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
194	UST 210	2A	I1	25000 gal.	Aviation Gas, JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
195	UST 211	2A	I1	50000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
196	UST 212	2A	I1	50000 gal.	Aviation Gas, JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
197	UST 213	2A	I1	25000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
198	UST 214	2A	I1	25000 gal.	Aviation Gas, JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
199	UST 215	2A	I1	50000 gal.	Aviation Gas (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	7
200	UST 216	2A	I1	50000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
201	UST 217	2A	I1	25000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
202	UST 218	2A	I1	25000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
254	UST 292	2A	I1	1400 gal.	Diesel (stored)	Inst. 1944	Closed		OCHCA	X	See Table 3-6	2*
317	UST 398	5A	I1	108000 gal.	JP-5 (stored)	Inst. 1956	Removed		R/O		See Table 3-6	2*
357	UST 605A	5A	I1	1700 gal.	Diesel (stored)	Inst. 1965	Closed		RWQCB	X	See Table 3-6	2*
358	UST 605B	5A	I1	500 gal.	Diesel (stored)	Inst. 1965	Active		R/O		See Table 3-6	2*
359	UST 606A	5A	I1	1700 gal.	Diesel (stored)	Inst. 1965	Closed		RWQCB	X	See Table 3-6	2*
368	UST 643A	5A	I1	185 gal.	Waste oil (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 162	2*
377	UST 658A	2A	I1	10000 gal.	JP-5 (stored)	Inst. 1972	Inactive		R/O		See Table 3-6	7
378	UST 658B	2A	I1	10000 gal.	JP-5 (stored)	Inst. 1972	Inactive		R/O		See Table 3-6	7
388	UST 716A	5A	I1	3000 gal.	Waste Oil (stored)	Inst. 1976	Inactive		R/O		See Tables 3-6 and 3-12 SWMU/AOC 192	7
400	UST 763B	5A	I1	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 212	2*
467	UST T-3	2A	I1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 19	2*
470	UST T-6	2A	I1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 21	2*
472	UST T-8	2A	I1	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 22	2*
476	AST 126	2A	I1	300 gallons	Oil (stored)		Removed			X	See Table 3-7; not plotted on BCP figures	1*
514	TAA 114	5A	I1	< 90-day accumulation area-Bldg. 114			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 38	1

Table 3-1b
Site Summary by New Parcel
(Sheet 22 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
515	TAA 115	5A	I1	< 90-day accumulation area-Bldg. 115			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 39	3
558	TAA 605	5A	I1	< 90-day accumulation area-Bldg. 605			Active				See Tables 3-8 and 3-12; SWMU/AOC 149	1*
559	TAA 606	5A	I1	< 90-day accumulation area-Bldg. 606			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 255	1
564	TAA 658	2A	I1	< 90-day accumulation area-Bldg. 658			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 171	3
569	TAA 698	5A	I1	< 90-day accumulation area-Bldg. 698			Inactive				See Table 3-8	1
571	TAA 746	2A	I1	< 90-day accumulation area-Bldg. 746			Active				See Table 3-8	7
572	TAA 747	2A	I1	< 90-day accumulation area-Bldg. 747			Active				See Table 3-8	7
598	PCB T14	5A	I1	Transformer-177072, Pad 412-Bldg. 114			Replaced			X	See Table 3-9	1
599	PCB T15	5A	I1	Transformer-177071, Pad 4112-Bldg. 115			Replaced			X	See Table 3-9	1
600	PCB T16	2A	I1	Transformer-681549, Pole 812-Bldg. 118			Unknown			X	See Table 3-9	1
604	PCB T20	2A	I1	Transformer-53233, Pad 4111-Bldg. 125			Replaced			X	See Table 3-9	1
605	PCB T21	2A	I1	Transformer-6160963, Pad 4111-Bldg. 125			Replaced			X	See Table 3-9	1
665	PCB T81	5A	I1	Transformer-F-6947158, Pad 4114-Bldg. 605			Replaced			X	See Table 3-9	1
666	PCB T82	5A	I1	Transformer-E-694715A, Pad 4113-			Replaced			X	See Table 3-9	1
673	PCB T89	2A	I1	Transformer-C173562, Pad 414-Bldg. 658			Replaced			X	See Table 3-9	1
719	RFA 13	2A	I1	Drop tank storage area						X	See Table 3-12	1
721	RFA 15	5A	I1	Wash water runoff site						X	See Table 3-12	3
722	RFA 16	5A	I1	Wash water runoff site						X	See Table 3-12	3
766	RFA 150	5A	I1	Aircraft wash area						X	See Table 3-12	1
767	RFA 152	5A	I1	Aircraft wash area						X	See Table 3-12	1
799	RFA 267	5A	I1	Drop tank fuel storage						X	See Table 3-12	1*
833	OWS 605C	5A	I1	OWS 605C	Oil/water	Inst. 1984	Inactive				See Table 3-13; SWMU/AOC 151	2
834	OWS 606C	5A	I1	OWS 606C	Oil/water	Inst. 1965	Active				See Table 3-13; SWMU/AOC 154	2
839	OWS 643B	5A	I1	OWS 643B	Oil/water	Inst. 1982	Closed		OCHCA	X	See Table 3-13; SWMU/AOC 163	2
842	OWS 658C	2A	I1	OWS 658C	Oil/water	Inst. 1972	Active				See Table 3-13	7
843	OWS 658D	2A	I1	OWS 658D	Oil/water	Inst. 1995	Active				See Table 3-13	7
860	OWS 764B	2A	I1	OWS 764B	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 215	2

Table 3-1b
Site Summary by New Parcel
(Sheet 23 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
3	IRP 3	2A	I2	Original Landfill (OU-2C)	Municipal solid waste, scrap metal, incinerator ash, construction debris, paint residues, unspecified oily wastes, industrial solvents, hydraulic fluid, and engine coolants.	1943 to 1955	RI and FS complete.	Scenario: Industrial Worker Cancer Risk - entire site soil: 5.6×10^{-7} (5.6×10^{-7}) gw: 6.1×10^{-6} (2.0×10^{-4}) Noncancer Risk - entire site soil: 0.066; gw: 1.9	FFA		Includes SWMUs/AOCs 10, 194, & 300	6
37	APHO 13	2B	I2	Drum							See Table 3-1b	7
38	APHO 14	2B	I2	Stain, wet soil							See Table 3-1b	7
49	APHO 25	2A	I2	Mounded material, refuse							See Table 3-1b	7
60	APHO 36	2A	I2	Wet soil							See Table 3-1b	7
69	APHO 45	2B	I2	Wet soil, stain, liquid, drum							See Table 3-1b	7
71	APHO 47	2B	I2	Open storage, bldg., debris							See Table 3-1b	7
72	APHO 48	2B	I2	Open storage, drum							See Table 3-1b	7
144	UST 105A	2A	I2	1000 gal.	Fuel oil (stored)	Inst. 1943	Closed		RWQCB	X	See Table 3-6	2*
145	UST 105B	2A	I2	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
303	UST 380A	2A	I2	10500 gal.	Diesel (stored)	Inst. 1954	Removed		RWQCB		See Table 3-6	2*
304	UST 380B	2A	I2	600 gal.	Motor Gas (stored)	Inst. 1954	Removed		R/O		See Table 3-6	2*
311	UST 392A	2A	I2	500 or 550 gal.	Unleaded (stored)	Inst. 1955	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 298	2*
312	UST 392B	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1955	Closed		OCHCA	X	See Table 3-6	7
313	UST 392C	2A	I2	size unknown	Diesel (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*
314	UST 392D	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1955	Removed		OCHCA		See Table 3-6	2*
315	UST 392E	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1988	Active		R/O		See Table 3-6	2*
316	UST 392F	2A	I2	2000 gal.	Gasoline (stored)	Inst. 1988	Active		R/O		See Table 3-6	2*
356	UST 581	2B	I2	550 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
367	UST 637-3	2A	I2	12000 gal.	Unleaded (stored)	Inst. 1969	Active		R/O		See Table 3-6	7
401	UST 764A	2A	I2	500 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 214	2*
421	UST 5201	2B	I2	300 gal.	Fuel oil (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
422	UST 5202	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
423	UST 5203	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
424	UST 5204	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
425	UST 5205	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
426	UST 5206	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
427	UST 5207	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
428	UST 5208	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
429	UST 5209	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
430	UST 5210	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
442	UST 5222	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
443	UST 5223	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
444	UST 5224	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 24 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
445	UST 5225	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
446	UST 5226	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
447	UST 5227	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
448	UST 5228	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
449	UST 5229	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
450	UST 5230	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
451	UST 5231	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
452	UST 5232	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
453	UST 5233	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
454	UST 5234	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
455	UST 5235	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
456	UST 5236	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
457	UST 5237	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2*
461	UST 5241	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
462	UST 5242	2B	I2	300 gal.	Diesel (stored)	Inst. 1945	Closed		OCHCA	X	See Table 3-6	2
650	PCB T66	2B	I2	Transformer-C379541, Pad 404-Bldg. 415			Replaced			X	See Table 3-9	1
681	PCB T97	2B	I2	Transformer-6963930P, Pole 942-Bldg. 5201			Unknown			X	See Table 3-9	1
758	RFA 125	2B	I2	< 90-day accumulation area						X	See Table 3-12	3
787	RFA 239	2B	I2	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
851	OWS 676	2B	I2	OWS 676	Oil/water	Unknown	Removed				See Table 3-13; SWMU/AOC 189	7
5	IRP 5	3B	I3	Perimeter Road Landfill (OU-2C)	Municipal solid waste, unspecified fuels, solvents and cleaning fluids, scrap metals, paint residues, and unspecified oily wastes.	1955 to late 1960s	RI and FS complete.	Scenario: Recreational Child Cancer Risk soil: 8.0×10^{-8} (8.0×10^{-8}) gw: 8.1×10^{-5} (1.3×10^{-3}) Noncancer Risk soil: 0.0049; gw: 5.8	FFA		Coincides with INT LF2, formerly identified in interviews.	6
806	RFA 297	5A	I3	Former asphalt pavement plant						X	See Table 3-12	1
36	APHO 12	3A	J1	Wet soil							See Table 3-1b	7
339	UST 457	3A	J1	2000 gal.	Diesel (stored)	Inst. 1960	Closed		OCHCA	X	See Table 3-6	2
364	UST 636	3A	J1	1500 gal.	Diesel (stored)	Inst. 1969	Closed		OCHCA	X	See Table 3-6	2*
404	UST 782	3A	J1	1000 gal.	Gasoline (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*
32	APHO 8	5A	J2	Open storage, refuse, excavation, fill area							See Table 3-1b	7
44	APHO 20	3B	J2	Excavation, liquid							See Table 3-1b	7
55	APHO 31	3B	J2	Disturbed ground, mounded material dark-toned, unidentified							See Table 3-1b	7
67	APHO 43	3B	J2	Excavation							See Table 3-1b	7
70	APHO 46	3B	J2	Impoundment, fill area, excavation							See Table 3-1b	7

Table 3-1b
Site Summary by New Parcel
(Sheet 25 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
491	AST 619	3F	J2	size unknown	Diesel (stored)		Active				See Table 3-7	2
574	TAA 765	3F	J2	< 90-day accumulation area-Bldg. 765			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 266	1
578	TAA 772	3F	J2	< 90-day accumulation area-Bldg. 772			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 225	1
660	PCB T76	3F	J2	Transformer-9845884, Pad 311-Bldg. 460			Replaced			X	See Table 3-9	1
661	PCB T77	3F	J2	Transformer-D317654, Pad 311-Bldg. 460			Replaced			X	See Table 3-9	1
662	PCB T78	3F	J2	Transformer-J929874T71AA, Pad 319-Bldg. 464			Replaced			X	See Table 3-9	1
711	RFA 1	3F	J2	Former scrap metal yard						X	See Table 3-12	1
712	RFA 2	3F	J2	Vegetation Piles						X	See Table 3-12	1
732	RFA 47	3F	J2	< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
789	RFA 245	3F	J2	Golf course						X	See Table 3-12	1
791	RFA 246	3F	J2	Golf course irrigation						X	See Table 3-12	1
798	RFA 264	3B	J2	DRMO Storage Yard #3						X	See Table 3-12	1
801	RFA 270	3F	J2	Wash rack						X	See Table 3-12	2
865	OWS 817	3F	J2	OWS 817	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 233	2
876	MSC P1	3F	J2	Past pesticide storage area at Bldg. 1687			Inactive					7
877	MSC P2	3F	J2	Past pesticide storage area near Bldg. 464			Inactive					7
881	MSC D1	3B	J2	Desert Storm waste storage area near DRMO Yard #3			Inactive					7
884	MSC R2	3B,3F	J2	Possible refuse area south of IRP Site 5			Part of IRP Site 5				Identified in interviews	1*
62	APHO 38	3A	J4	Excavation							See Table 3-1b	7
75	APHO 51	3B A	J4	Stain							See Table 3-1b	7
309	UST 390A	3A	J4	550 gal.	Diesel (stored)	Inst. 1955	Removed		R/O		See Table 3-6	2*
310	UST 390B	3A	J4	2000 gal.	Diesel (stored)	Inst. 1955	Removed		R/O		See Table 3-6	2*
382	UST 673B	3A	J4	300 gal.	Waste Oil (stored)	Inst. 1982	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 180	2*
399	UST 762B	3A	J4	185 gal.	Waste Oil (stored)	Inst. 1982	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 209	2*
487	AST 390A	3A	J4	500 gallons - VT	Unleaded (stored)		Active				See Table 3-7	2
488	AST 390B	3A	J4	500 gallons - VT	Diesel (stored)		Active				See Table 3-7	2
540	TAA 389A	3A	J4	< 90-day accumulation area-Bldg. 389			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 119	1
541	TAA 389B	3A	J4	< 90-day accumulation area-Bldg. 389			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 259	1
542	TAA 390A	3A	J4	< 90-day accumulation area-Bldg. 390			Active				See Tables 3-8 and 3-12; SWMU/AOC 122	1

Table 3-1b
Site Summary by New Parcel
(Sheet 26 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
543	TAA 390B	3A	J4	< 90-day accumulation area-Bldg. 390			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 261	1*
567	TAA 673	3A	J4	< 90-day accumulation area-Bldg. 673			Active				See Tables 3-8 and 3-12; SWMU/AOC 186	1
756	RFA 120	3A	J4	Vehicle wash rack						X	See Table 3-12	3
757	RFA 121	3A	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
771	RFA 178	3A	J4	Vehicle wash rack						X	See Table 3-12	1
772	RFA 181	3B	J4	Landfarming area						X	See Table 3-12	3
773	RFA 182	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
774	RFA 183	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
775	RFA 184	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
776	RFA 185	3B	J4	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
796	RFA 260	3A	J4	Aboveground storage tank (former)						X	See Table 3-12	3
797	RFA 262	3A	J4	Fuel storage area						X	See Table 3-12	1
846	OWS 673A	3A	J4	OWS 673A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 179	2
858	OWS 762A	3A	J4	OWS 762A	Oil/water	Inst. 1982	Closed		OCHCA	X	See Table 3-13; SWMU/AOC 208	2
873	BLD 673	3A	J4	RCRA storage facility-Bldg. 673 T-3			Closed		RCRA	X		7
45	APHO 21	3A	J4A	Open storage, drum							See Table 3-1b	7
355	UST 579	3F	J5	320 gal.	Unknown	Inst. 1957	Closed		OCHCA	X	See Table 3-6	2
362	UST 627	3F	J5	size unknown	Diesel (stored)	unknown	Closed		OCHCA	X	See Table 3-6	2*
33	APHO 9	5A	K	Liquid							See Table 3-1b	7
48	APHO 24	5A	K	Extraction							See Table 3-1b	7
50	APHO 26	2A	K	Excavation, liquid							See Table 3-1b	7
63	APHO 39	5A	K	Wet soil, stain, horizontal tank							See Table 3-1b	7
73	APHO 49	5A	K	Wet soil, liquid							See Table 3-1b	7
159	UST 175	1D	K	10000 gal.	Kerosene (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
318	UST 399	5A	K	500 gal.	Diesel (stored)	Inst. 1955	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 285	2*
411	UST 850A	5A	K	5000 gal.	JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 288	7
412	UST 850B	5A	K	5000 gal.	JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 289	7
474	UST T-10	5A	K	1000 gal.	JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 108	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 27 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
477	AST 155	5A	K	200 gallons - HT	Lube Oil or Diesel Fuel		Active				See Table 3-7	2
519	TAA 155A	5A	K	< 90-day accumulation area-Bldg. 155			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 240	1
520	TAA 155B	5A	K	< 90-day accumulation area-Bldg. 155			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 241	1*
521	TAA 155C	5A	K	< 90-day accumulation area-Bldg. 155			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 45	1*
546	TAA 398	5A	K	< 90-day accumulation area-Bldg. 398			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 252	1*
642	PCB T58	5A	K	Transformer-14538, Pad 425-Bldg. 372			Replaced			X	See Table 3-9	1
716	RFA 9	5A	K	Fuel bladder						X	See Table 3-12	2
808	RFA 301	5A	K	Mark arrest system						X	See Table 3-12	1
809	RFA 302	5A	K	Mark arrest system						X	See Table 3-12	1
867	OWS 850	5A	K	OWS 850	Oil/water	Unknown	Active				See Table 3-13	7
384	UST 675A	4B	M	500 gal.	Waste oil (stored)	Inst. 1982	Closed/Abandoned		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 188	5*
406	UST 800A	4B	M	10000 gal.	Diesel (stored)	Inst. 1984	Active		R/O		See Table 3-6	7
407	UST 800B	4B	M	10000 gal.	Kerosene (stored)	Inst. 1984	Active		R/O		See Table 3-6	7
408	UST 800C	4B	M	10000 gal.	Diesel (stored)	Inst. 1984	Active		R/O		See Table 3-6	7
409	UST 800D	4B	M	1000 gal.	Waste Oil (stored)	Inst. 1984	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 230	7
410	UST 800E	4B	M	1000 gal.	Waste Oil (stored)	Inst. 1984	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 231	2*
849	OWS 675B	4B	M	OWS 675B	Oil/water	Unknown	Active				See Table 3-13; SWMU/AOC 292	2
850	OWS 675C	4B	M	OWS 675C	Oil/water	Inst. 1995	Active				See Table 3-13;	7
863	OWS 800F	4B	M	OWS 800F	Oil/water	Inst. 1984	Active				See Table 3-13; SWMU/AOC 232	2
864	OWS 802	4B	M	OWS 802	Oil/water	Unknown	Active				See Table 3-13	7
8	IRP 8	4B	M & A4b	DRMO Storage Yard (OU--3)	Release of PCB-containing transformer fluid.	Mid-1970s to present	Draft RI submitted in 1996.		FFA		Includes SWMUs/AOCs 71& 72	6
18	IRP 18	NA	NA	VOC Contaminated Groundwater Emanating from Southwest Quadrant[2] (OU-1)	VOC contaminants in groundwater from source in southwest quadrant of Station.		RI\FS complete. PP in progress.		FFA			6
24	IRP 25	NA	NA	Major Drainages (OU-2A)	Four drainage channels that flow through or adjacent to the Station and receive storm water discharges from the Station.		Draft RI submitted in 1997.		FFA	x	Includes SWMUs/AOCs 3, 4, 5, and 11	3
28	APHO 4	2A	Q	Stain							See Table 3-1b	7
180	UST 196	2A	Q	25000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
181	UST 197	2A	Q	50000 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
182	UST 198	2A	Q	50000 gal.	JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 28 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
183	UST 199	2A	Q	25000 gal.	JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
184	UST 200	2A	Q	25000 gal.	JP-5 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
185	UST 201	2A	Q	50000 gal.	JP-4 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
186	UST 202	2A	Q	50000 gal.	JP-4 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
187	UST 203	2A	Q	25000 gal.	JP-4 (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	2*
188	UST 204	5A	Q	50000 gal.	Diesel (stored)	Inst. 1943	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 60	2*
189	UST 205	5A	Q	25000 gal.	R JP-5 (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 61	2*
190	UST 206	5A	Q	50000 gal.	Unleaded (stored)	Inst. 1943	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 62	7
191	UST 207	5A	Q	50000 gal.	Unleaded (stored)	Inst. 1943	Removed		R/O		See Tables 3-6 and 3-12 SWMU/AOC 63	7
298	UST 372A	5A	Q	1000 2000 gal.	Diesel (stored)	Inst. 1954	Active		R/O		See Table 3-6	2*
299	UST 372B	5A	Q	2500 gal.	Diesel (stored)	Inst. 1954	Closed		RWQCB	X	See Table 3-6	2*
416	UST 902A	5A	Q	50000 gal.	JP-5 (stored)	Inst. 1993	Active		R/O		See Table 3-6	7
417	UST 902B	5A	Q	50000 gal.	JP-5 (stored)	Inst. 1993	Active		R/O		See Table 3-6	7
418	UST 902C	5A	Q	2500 gal.	JP-5 (stored)	Inst. 1993	Active		R/O		See Table 3-6	7
466	UST T-2	5A	Q	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 18	2*
471	UST T-7	5A	Q	2000 gal.	Waste JP-5 (stored)	Inst. 1988	Active		R/O		See Tables 3-6 and 3-12 SWMU/AOC 24	2*
473	UST T-9	5A	Q	2000 gal.	JP-5 (stored)	Inst. 1988	Closed		OCHCA	X	See Tables 3-6 and 3-12 SWMU/AOC 228	2*
610	PCB T26	2A	Q	Transformer-5638241, Pole 802-Bldg. 203			Unknown			X	See Table 3-9	1
611	PCB T27	2A	Q	Transformer-6455115, Pole 802-Bldg. 203			Unknown			X	See Table 3-9	1
678	PCB T94	5A	Q	Transformer-Westinghouse-Bldg. 716			Replaced			X	See Table 3-9	1
693	PCB T109	2A	Q	Transformer- Pole 852-Tank Farm 6			Unknown			X	See Table 3-9	1
720	RFA 14	5A	Q	Drop tank fuel storage			FA				See Table 3-12	6
781	RFA 210	5A	Q	Vehicle wash rack						X	See Table 3-12	1
794	RFA 257	5A	Q	Wash water runoff site						X	See Table 3-12	1
795	RFA 258	5A	Q	Wash water runoff site						X	See Table 3-12	1
852	OWS 716B	5A	Q	OWS 716B	Oil/water	Inst. 1976	Inactive				See Table 3-13; SWMU/AOC 193	2
859	OWS 763A	5A	Q	OWS 763A	Oil/water	Inst. 1982	Active				See Table 3-13; SWMU/AOC 211	2
26	APHO 2	2A	R	Open storage, drum							See Table 3-1b	7
27	APHO 3	2A	R	Open storage, drum							See Table 3-1b	7
153	UST 130A	2A	R	1500 gal.	Diesel (stored)	unknown	Removed		R/O		See Table 3-6	2*
154	UST 130B	2A	R	1500 gal.	Diesel (stored)	unknown	Removed		R/O		See Table 3-6	2*
155	UST 133	2A	R	500 gal.	Diesel (stored)	Inst. 1943	Closed		OCHCA	X	See Table 3-6	1*
360	UST 610	2A	R	300 gal.	Gasoline (stored)	Inst. 1966	Closed		OCHCA	X	See Table 3-6	2
363	UST 634	2A	R	10000 gal.	Fuel oil (stored)	Inst. 1969	Closed		OCHCA	X	See Table 3-6	2*

Table 3-1b
Site Summary by New Parcel
(Sheet 29 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
365	UST 637-1	2A	R	12000 gal.	Unleaded (stored)	Inst. 1969	Active		R/O		See Table 3-6	7
366	UST 637-2	2A	R	12000 gal.	Unleaded (stored)	Inst. 1969	Active		R/O		See Table 3-6	7
486	AST 380	2A	R	635 gallons.	Diesel (stored)		Active				See Table 3-7	2
492	AST 637	2A	R	500 gallons	Propane (stored)		Removed			X	See Table 3-7; not plotted on BCP Figures	1*
516	TAA 130A	2A	R	< 90-day accumulation area-Bldg. 130			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 294	1
517	TAA 130B	2A	R	< 90-day accumulation area-Bldg. 130			Active				See Tables 3-8 and 3-12; SWMU/AOC 295	1
518	TAA 130C	2A	R	< 90-day accumulation area-Bldg. 130			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 42	1
544	TAA 392A	2A	R	< 90-day accumulation area-Bldg. 392			Active				See Tables 3-8 and 3-12; SWMU/AOC 124	1*
545	TAA 392B	2A	R	< 90-day accumulation area-Bldg. 392			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 271	1*
557	TAA 602	2A	R	< 90-day accumulation area-Bldg. 602			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 147	1*
561	TAA 634	2A	R	< 90-day accumulation area-Bldg. 634			Active				See Table 3-8	1*
597	PCB T13	2A	R	Transformer-7093890, Pole 904-Bldg. 105			Removed			X	See Table 3-9	1
601	PCB T17	2A	R	Transformer-7093966, Pole 823A-Bldg. 120			Unknown			X	See Table 3-9	1
602	PCB T18	2A	R	Transformer-7092506P, Pole 823A-Bldg.120			Unknown			X	See Table 3-9	1
603	PCB T19	2A	R	Transformer-7093966P, Pole 823A-Bldg.120			Unknown			X	See Table 3-9	1
606	PCB T22	2A	R	Transformer-7092697, Pole 871-Bldg. 129			Unknown			X	See Table 3-9	1
607	PCB T23	2A	R	Transformer-7092974, Pole 871-Bldg. 129			Unknown			X	See Table 3-9	1
608	PCB T24	2A	R	Transformer-7093975, Pole 871-Bldg. 129			Unknown			X	See Table 3-9	1
669	PCB T85	2A	R	Transformer-PAV 1646-01, Pad 431-Bldg. 634			Removed			X	See Table 3-9	1
670	PCB T86	2A	R	Transformer-YAP-70141, Pad 431-Bldg.			Removed			X	See Table 3-9	1
680	PCB T96	2A	R	Transformer-5635257, Pole 917-Bldg. 5014			Unknown			X	See Table 3-9	1
717	RFA 10	2A	R	Abandoned Well 24-			FA				See Table 3-12	6
726	RFA 40	2A	R	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
727	RFA 41	2A	R	Vehicle wash rack						X	See Table 3-12	3
728	RFA 43	2A	R	Drum storage area			Not Located During RFA			X	See Table 3-12	1*
730	RFA 44	2A	R	Drum storage area			Not Located During RFA			X	See Table 3-12	1*

Table 3-1b
Site Summary by New Parcel
(Sheet 30 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
782	RFA 213	2A	R	Vehicle wash rack			FA				See Table 3-12	6
805	RFA 293	2A	R	Cleaning tank						X	See Table 3-12	1
827	OWS 392		R	OWS 392	Oil/water	Unknown	Active				See Table 3-13	2
832	OWS 602	2A	R	OWS 602	Oil/water	Inst. 1964	Active				See Table 3-13; SWMU/AOC 148	2
31	APHO 7	4A		Wet soil, stain, open storage							See Table 3-1b	7
34	APHO 10	5A		Open storage							See Table 3-1b	7
77	APHO 53	1A		Stain							See Table 3-1b	7
484	AST 372	Bldg 724?		275 gallons	Diesel Fuel Oil (stored)	Inst. 1978	Active				See Table 3-7	2
485	AST 376			50 gallons	Diesel (stored)		Active				See Table 3-7	2
489	AST 439			500 gallons	Propane (stored)		Active				See Table 3-7	2
490	AST 610	2A		300 gallons - HT (formerly AST "610B")	Diesel Fuel Oil (stored)		Active				See Table 3-7	2*
494	AST 464			500 gallons	Propane (stored)		Active				See Table 3-7	
498	AST 797	5A		1,000 gallons - HT	Waste Oil (stored)		Inactive				See Table 3-7	2
525	TAA 297	5A		< 90-day accumulation area-Bldg. 297			Active				See Tables 3-8 and 3-12; SWMU/AOC 73	1*
579	TAA 778	5A		< 90-day accumulation area-Bldg. 778			Inactive				See Tables 3-8 and 3-12; SWMU/AOC 226	1
584	TAA 900	2A		EO accumulation area-Bldg. 900			Active				See Table 3-8	7
644	PCB T60	5A		Transformer-06577-1-Bldg. 378			Replaced			X	See Table 3-9	1
679	PCB T95	NL		Transformer-959077-Bldg. 1765			Unknown			X	See Table 3-9	1
690	PCB T106	5A		Transformer-6833177, Pad 215-Gate 9			Replaced			X	See Table 3-9	1
691	PCB T107	NA		Transformer-66F2984			Unknown			X	See Table 3-9	1
707	PCB T123	NL		Transformer-C647622-Bldg. 711			Active				See Table 3-9	1
708	PCB T124	NL		Transformer-D477681-60P-Bldg. 2600			Active				See Table 3-9	1
713	RFA 6	5A		Landfarming site						X	See Table 3-12	3
718	RFA 12	NA		Active sanitary sewer						X	See Table 3-12	1
785	RFA 237	NL		< 90-day accumulation area			Not Located During RFA			X	See Table 3-12	1*
790	RFA 244			PCB Spill Area near Bldg. 457			Transfer to RAC Remediation (impacted soils were removed in 1997)			X	See Table 3-12	
792	RFA 247	NA		Irrigation pipeline						X	See Table 3-12	1
829	OWS 447C	5A		OWS 447C	Oil/water	Inst. 1959	Removed				See Table 3-13; SWMU/AOC 132	2
868	OWS 851			OWS 851		Unknown	Active				See Table 3-13	7

Table 3-1b
Site Summary by New Parcel
(Sheet 31 of 31)

Seq. No.	Database Tracking	Previous Parcel	New Parcel	Description	Material Disposed	Date of Operation	Status	Risk to Human Health and the Environment[1]	Regulatory Mechanism	NFA	Comments	ECP Area Type[5]
869	OWS 892	5A		OWS 892	Oil/water	Unknown	Active				See Table 3-13	7
870	OWS 896	5A		OWS 896	Oil/water	Inst. 1982	Active				See Table 3-13	7
871	OWS 897	5A		OWS 897	Oil/water	Unknown	Active				See Table 3-13	7
882	MSC JP5	NA		JP-5 fuel supply pipelines			Active					2*

Notes:

[1] The risk values shown for IRP sites 2, 3, 5 and 17 were calculated by using U.S. EPA and Cal EPA toxicity values. Risk estimates shown in parentheses are based on

[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;

[5] Area types with an asterisks (*) have changed since the March 1996 BCP.

Abbreviations:

APHO - aerial photograph
AST - aboveground storage tank
BLD - building
ECP - environmental condition of property
EE/CA - Engineering Evaluation/Cost Analysis
EO - Environmental Office, MCAS El Toro
FA - further action
FFA - Federal Facilities Agreement
gal - gallon(s)
Inst. - installed
INT LF - possible landfills identified during interviews
IRP - Installation Restoration Program
LOC - location of concern
LPG - liquid propane gas
MSC B - miscellaneous LOC - burn pit
MSC P - miscellaneous LOC - pesticide storage area
MSC R - miscellaneous LOC - refuse area
NA - not applicable. The LOC location is either unknown, or it covers multiple parcels
NFA - no further action
OWS - oil/water separator
PCB - polychlorinated biphenyl
PCB A - PCB transformer storage area
PCB T - PCB transformer
R/O - RWQCB or OCHCA
RFA - RCRA (Resource Conservation and Recovery Act) Facility Assessment
RI - Remedial Investigation
SAIC - Science Applications International Corporation (refers to features/anomalies identified in SAIC report)
SRU - silver recovery unit
SWMU/AOC - Solid Waste Management Unit/Area of Concern
TAA - temporary accumulation area
UST - underground storage tank
VOC - volatile organic compound

This table does not include buildings with known asbestos.

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Table 3-2
Aerial Photograph Features/Anomalies
(Sheet 1 of 5)

Database Tracking	SAIC Anomaly ID No.	Previous Parcel	New Parcel	Point of Reference	Year	SAIC Observations[1]	SAIC Comments[2]	Comments	ECP Area Type
APHO1	7	1A	H1	Tank Farm 3	1946	ST	C	The stains appear adjacent to the southeastern side of Tank Farm 3 where a former fuel bladder may have been located. Also see anomalies 113, 173, 190, 227, 235, and 272.	7
APHO2	14	2A	R	Bldg. 136	1946	OS, D	C	Miscellaneous equipment is stored along the southeast side of Bldg. 135. The ground surface is paved with asphalt, and surface runoff flows in a southwest direction.	7
APHO3	21	2A	Q	Bldg. 120	1946	OS, D	C	Miscellaneous equipment is stored along the southeast side of Bldg. 120. The ground surface is paved with asphalt, and surface runoff flows in a southwest direction.	7
APHO4	22	2A	Q	Tank Farm 4	1946	ST	C	Miscellaneous equipment is stored along all sides of this building. Portions of the ground surface along the east and west sides of the building are unpaved. Surface runoff flows in a southwesterly direction.	7
APHO5	25	1D	H2	Bldg. 50	1946	OS	C	This area is commonly used for open storage. The ground surface is unpaved.	7
APHO6	39	4A	A2	Bldg. 306	1946	IM	C	Unknown impoundments. Additional investigation recommended.	7
APHO7	46	4A		Bldg. 1389	1946	WS, ST, OS	C	The liquid is probably surface runoff.	7
APHO8	52	5A	J2	Golf Course Hole 12	1946	OS, R, EX, FA	C	Portions of this storage area has been covered by the extension of runways 34-L and 34-R.	7
APHO9	53	5A	K	Agua Chinon Wash	1946	LQ	C	The liquid could be surface runoff flowing into Agua Chinon Wash.	7
APHO10	79	5A		Bldg. 286	1955	OS	A	The open storage area may be associated with Bldg. 286.	7
APHO11	81	4A	A2	Bldg. 307	1955	TR, DG	C	This feature is located adjacent to the NW side of the storage yard for the trade shops and NE of Bldg. 307. Activities associated with the disturbed ground are unknown.	7
APHO12	92	3A		DRMO Yard 2	1958	WS	C	Two areas of wet soil are identified in this anomaly. One is located near the SE corner of the DRMO storage yard #2 (SWMU 46) and the other is located SW of Bldg. 457. No analytical data has been collected for the general area SW of Bldg. 457.	7
APHO13	102	2B	I2	Bldg. 415	1960	D	C	SWMU 125 is located on the NE side of Bldg. 415. The storage area featured in the photograph is located in an unpaved area on the NW side of the building. Also see anomalies 289 and 431	7

Table 3-2
Aerial Photograph Features/Anomalies
(Sheet 2 of 5)

Database Tracking	SAIC Anomaly ID No.	Previous Parcel	New Parcel	Point of Reference	Year	SAIC Observations[1]	SAIC Comments[2]	Comments	ECP Area Type
APHO14	105	2B	I2	Horse Stables	1960	ST, WS	C	This feature is located near the horse stables. No HW-generating activities are known to have occurred at the stable area.	7
APHO15	113	5A	H1	Tank Farm 3	1960	ST	C	Several stains appear at various locations adjacent to the parking apron near Tank Farm 3. It is possible that the stains could be due to runoff from the apron.	7
APHO16	115	1A	H1	Tank Farm 3	1960	WS, LQ	C	The wet soil appears in a storage yard located adjacent to the SW side of Tank Farm 3. The storage yard is used to store vehicles and miscellaneous equipment.	7
APHO17	139	4A	A1	Bldg. 357	1964	ST	C	Currently, this area is unpaved. A hazardous materials storage locker is located approximately 20 feet north of the anomaly.	7
APHO18	140	4A	A1	Bldg. 324	1964	ST	C	These stains are located atop an asphalt parking area located west of Bldg. 446.	7
APHO19	141	4A	A1	Bldg. 309	1964	ST, LQ	C	Liquid flow could be due to surface runoff.	7
APHO20	164	3B	J2	DRMO Yard 3	1967	EX, LQ	C	This anomaly is located near the corner of "Z" St. and North 3rd St. in an equipment storage yard. Also see anomalies 93 and 165.	7
APHO21	165	3A		DRMO Yard 3	1967	OS, D	C	This anomaly is located near the corner of "Z" St. and North 3rd St. in an equipment storage yard. Also see anomalies 93 and 164.	7
APHO22	172	1A	H1	Bldg. 9	1967	ST, D	C	This area is currently unpaved and used as an equipment storage area.	7
APHO23	173	5A	H1	Bldg. 14	1967	FBR, ST	C	The stains appear in the vicinity of Tank Farm 3 where a former fuel bladder may have been located. Also see anomalies 7,113, 190, 227, 235, and 272.	7
APHO24	176	5A	K	Runway 34-L & 34-R	1968	EXT	C	This anomaly is located in the unpaved area between Runways 34-L and 34-R. Could be surface water runoff.	7
APHO25	188	2A		Agua Chinon Wash	1968	MM, R	C	This feature is SW of RI Site 3/4. The mounded material could be soil dredged from Agua Chinon Wash.	7
APHO26	189	2A		Crash Crew Pit #2	1968	EX, LQ	C	This feature is located SW of the Crash Crew training pits. Unknown excavation activities.	7
APHO27	190	1A	H1	Tank Farm 3	1968	ST, WS	C	The stains appear in the vicinity of Tank Farm 3 where a former fuel bladder may have been located. Also see anomalies 7,113, 173, 227, 235, and 272.	7

Table 3-2
Aerial Photograph Features/Anomalies
(Sheet 3 of 5)

Database Tracking	SAIC Anomaly ID No.	Previous Parcel	New Parcel	Point of Reference	Year	SAIC Observations[1]	SAIC Comments[2]	Comments	ECP Area Type
APHO28	199	2A	I1	Bldg. 138	1971	LQ	A	Probably surface runoff. No known washracks are in this area. An equipment storage area is located near Bldg. 138. Also see anomaly 238.	7
APHO29	206	1A	H1	Bldg. 10	1971	WS, LQ	A	The liquid appears to be flowing across an unpaved area near SWMU 27. A benzene plume has been identified in the groundwater in this area. Also see anomaly 482.	7
APHO30	208	5B	G3	Bodiers Nursery	1971	UO	C	Unknown object is located within the boundaries of Bodiers Nursery.	7
APHO31	215	3B	J2	Golf Course Hole 5	1971	DG, MMDT, UO	C	Same as anomalies 161 and 287. This area has been known to store HW generated during Desert Storm.	7
APHO32	227	5A	H1	Tank Farm 3	1971	ST	C	The stains appear in the vicinity of Tank Farm 3 where a former fuel bladder may have been located. Also see anomalies 7,113, 173, 190, 235, and 272.	7
APHO33	233	1D	H2	Bldg. 256	1973	OS	C	Mobile radar and communication equipment is commonly stored in this area. No samples have been collected from this area.	7
APHO34	235	1A	H1	Tank Farm 3	1973	ST, UO, VT	C	The stains appear in the vicinity of Tank Farm 3 where a former fuel bladder may have been located. Also see anomalies 7,113, 173, 190, 227, and 272.	7
APHO35	238	2A	I1	Bldg. 137	1973	OS	C	Miscellaneous equipment is commonly stored adjacent to Bldgs. 137, 138, and 139. The activities that occur at these buildings is unknown. Also see anomaly 199.	7
APHO36	239	2A	I2	Bldg. 291	1973	WS	C	In the 1970 U.S. EPA photograph, this area appears to be unpaved. No storage activities are identified in the U.S. EPA photograph.	7
APHO37	241	5A	I1	Bldg. 115	1973	ST	C	SWMU 39 is located in this area. SWMU 39 was sampled and additional soil borings were recommended. Therefore, further investigation is recommended.	7
APHO38	252	3A	J4	Bldg. 1789	1973	EX	C	Three pits are also identified in this general area in the 1970 U.S. EPA photograph. The use of the pits is unknown.	7
APHO39	258	5A	K	Bldg. 381	1973	WS, ST, HT	C	This structure appears to be Bldg. 381, former Crash Crew Station. According to the Station Building List, Bldg. 381 was demolished in 1986. Also see anomaly 449.	7

Table 3-2
Aerial Photograph Features/Anomalies
(Sheet 4 of 5)

Database Tracking	SAIC Anomaly ID No.	Previous Parcel	New Parcel	Point of Reference	Year	SAIC Observations[1]	SAIC Comments[2]	Comments	ECP Area Type
APHO40	271	1B	H1	Bldg. 279	1974	D	C	The stain appears adjacent to Bldg. 281 (Admin./Class IV Package Store), which was demolished in 2/87. Currently, this area is an asphalt-paved parking lot.	7
APHO41	272	1A	H1	Bldg. 287	1974	ST, WS	C	The stains appear in the vicinity of Tank Farm 3 where a former fuel bladder may have been located. Also see anomalies 7,113, 173, 190, 227, and 235.	7
APHO42	281	3A	B1	Bldg. 457	1974	WS	C	The 1970 U.S. EPA photographs also identified a few stains in this general area. U.S. EPA identified this area as an open storage area with drums. Currently, this area is a park. Also see anomalies 351 and 366.	7
APHO43	287	3B	J2	Golf Course Hole 5	1974	EX	C	Same as anomalies 215 and 161. Unknown excavation.	7
APHO44	288	5C	E1	Quarry Rd.	1974	DG, MM	C	Unknown reason for disturbed ground. No HW-generating activities are known to have occurred in this area.	7
APHO45	289	2B	I2	Bldg. 415	1974	WS, ST, LQ, D	C	The storage area is located in an unpaved area on the NW side of Bldg. 415. Also see anomalies 102 and 431.	7
APHO46	416	3B	J2	Golf Course Hole 5	1979	IM, FA, EX	C	May have been investigated as part of Site 5. Also see anomaly 452	7
APHO47	427	2B	I2	Horse Stables	1980	OS, B, DB	C	Unknown activity. This area is located in the northern most corner of the rodeo area.	7
APHO48	431	2B	I2	Bldg. 415	1980	OS, D	C	Bldg. 415 is a warehouse used to store miscellaneous. The HWSA associated with this activity (SWMU 125) was investigated and sampled during the RFA. NFA recommended. Also see anomalies 102 and 289.	7
APHO49	449	5A	K	Runways 34-R & 7-L	1981	WS, LQ	C	Also see anomaly 258.	7
APHO50	450	5A	I1	Tank Farm 5	1981	TR	C	Unknown trench.	7
APHO51	452	3B	J4	Bldg. 673	1981	ST	C	Also see anomaly 416	7
APHO52	482	1A	H1	Bldg. 240	1984	ST	C	Stain appears to be on unpaved area near SWMU 27. SWMU 27 was sampled during the RFA and NFA recommended. Also see anomaly 206.	7

Table 3-2
Aerial Photograph Features/Anomalies
(Sheet 5 of 5)

Database Tracking	SAIC Anomaly ID No.	Previous Parcel	New Parcel	Point of Reference	Year	SAIC Observations[1]	SAIC Comments[2]	Comments	ECP Area Type
APHO53	502	1A		Perimeter Rd. & Magazine Rd.	1987	ST	C		7

Notes:

[1] The abbreviations in this column correspond to the following:

B - Building
D - Drums
DB - Debris
DG - Disturbed ground
DT - Dark-toned
EX - Excavation
EXT - Extraction
FA - Fill area
FBR - Fuel bladder revetment
HT - Horizontal tank
IM - Impoundment
LQ - Liquid
M - Material
MM - Mounded material
OS - Open storage
R - Refuse
ST - Stain
TR - Trench
UO - Unidentified object
VT - Vertical tank
WS - Wet soil

[2] The letters in this column correspond to the following:

A - Verification of a feature identified in U.S. EPA, 1991, "Site Analysis, El Toro MCAS" and occurring within the Sampling and Analysis Plan (SAP) Amendment RI/FS site boundaries.
B - Features identified in SAIC assessment that occur within the SAP Amendment IRP site boundaries.
C - Sites outside of the SAP Amendment RI/FS site boundaries

Abbreviations:

APHO - aerial photograph anomaly
DRMO - Defense Reutilization Marketing Office
EPA - Environmental Protection Agency
HW - hazardous waste
HWSA - hazardous waste storage area
NE - northeast
NFA - no further action
NW - northwest
RFA - Resource Conservation and Recovery Act (RCRA) Facility Assessment
RI - Remedial Investigation
SE - southeast
SW - southwest
SWMU - Solid Waste Management Unit

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Table 3-3
Early Action Status
(Sheet 1 of 2)

IRP Site No.	Action	Purpose	Status
2	Time-Critical Removal Action	• Restrict access to landfill sites. • Abate erosion of landfill materials by surface runoff. • Relocate previously eroded landfill debris to central locations within landfills.	Public review and comment period on action memorandum from 10 October to 10 November 1996. Removal actions were substantially completed by 30 September 97.
15 (Unit 1)	Removed from the IR Program via CERCLA petroleum exclusion.	Expedite environmental restoration.	Removed from the IRP via CERCLA petroleum exclusion. Regulatory closure by the Regional Water Quality Control Board was achieved on 14 May 97.
17	Time-Critical Removal Action	• Restrict access to landfill sites. • Abate erosion of landfill materials by surface runoff. • Relocate previously eroded landfill debris to central locations within landfills.	Public review and comment period on action memorandum from 10 October to 10 November 1996. Removal actions were substantially completed by 30 September 97.
19 (Units 1 and 4)	Removed from the IR Program via CERCLA petroleum exclusion.	Expedite environmental restoration.	Removed from the IRP via CERCLA petroleum exclusion. Unit 1: Regulatory closure by the Regional Water Quality Control Board was achieved on 14 May 97.
19 (Unit 2)	Non-Time-Critical Removal Action	• Cover the PCB-contaminated soil with a 10 foot thick layer of clean soil. • Comply with USEPA requirements for PCB-contaminated soil.	Public review and comment period 10 on action memorandum October to 10 November 1996. Unit 2: Removal action was completed in November 1996.

Table 3-3
Early Action Status
(Sheet 2 of 2)

IRP Site No.	Action	Purpose	Status
20 (Units 2 and 3)	Removed from the IR Program via CERCLA petroleum exclusion.	Expedite environmental restoration.	Removed from the IRP via CERCLA petroleum exclusion. Unit 3: Regulatory closure by the Regional Water Quality Control Board was achieved on 13 May 96. Unit 2: Regulatory closure by the Regional Water Quality Control Board was achieved on 28 October 97.
24	Groundwater Remediation Pilot Testing.	• Compare and evaluate the effectiveness of groundwater extraction and SVE-enhanced groundwater extraction. • Evaluate groundwater injection. • Collect additional data to assist in the design of the final groundwater remedy.	Testing is ongoing. Soil vapor extraction pilot testing continued at Wells 24SVE1, 24SVE10, 24SVE9, and 24SVE3.

Table 3-3 will be updated as additional early actions at IRP sites are implemented and completed.

Abbreviations: PCB – polychlorinated biphenyl
IRP – Installation Restoration Program
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act

Table 3-4
Mission/Operational-Related Compliance Projects
(Sheet 1 of 1)

Project	Status	Regulatory Program
Asbestos and Lead-Based Paint Inspections	The Navy Public Works Center completed an asbestos and LBP investigation at the Station Family Housing and other related units.	TSCA
Repair/modification of various OWS units	Repair/modification activities have been completed on all but two OWS units.	NPDES
Comprehensive Tank and Piping Integrity Testing and Annual Monitoring System Certification for Active USTs	Multi-year contract to conduct necessary annual testing.	CWA
Tank Integrity Testing for AST 862	One-time integrity test performed in January 1997.	OPA

Abbreviations:
LBP – lead-based paint
TSCA – Toxic Substances Control Act
OWS – oil/water separator
NPDES – National Pollution Discharge Elimination System
CWA – Clean Water Act
OPA – Oil Pollution Act (40 CFR 112.7(e))

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Table 3-5
Closure-Related Compliance Projects
(Sheet 1 of 1)

Project	Status	Regulatory Program
Removal of remaining inactive USTs. 313-USTs removed to date, 252 sites closed, including all of Tank Farms 1, 3, 4 and 5	Work is currently being performed under the Remedial Action contract. Removal of inactive tanks began in 1996 and continued throughout 1997.	California UST Regulations OCHCA and RWQCB, Santa Ana
Free-product removal at Tank 398	Construction of the free-product removal system has been completed. System is in operation.	California UST Regulations RWQCB, Santa Ana
Soil Vapor Extraction at the Tank 398 Site	Construction of the system was completed in 1996, and treatment operations were conducted during 1997. Approximately 90,000 pounds of petroleum hydrocarbons have been removed from the vadose zone since the system began operation in October 1996.	California UST Regulations
Soil vapor extraction at Tank Farm 2	Approximately 50,000 pounds of petroleum hydrocarbons have been removed from the vadose zone since October 1996.	California UST Regulations RWQCB, Santa Ana
Closure of RCRA storage facility (Building 673-T3)	The facility was closed in November 1995. Site remediated and sampled. Closure letter from DTSC dated 08 March 1996. Plans for remediation of the impacted soil sites were completed in 1997, and field work is scheduled for late 1997 or early 1998.	RCRA
Follow-up sampling at RFA SWMUs/AOCs recommended for further action	13 SWMUs/AOCs and one TAA were addressed in the final RFA addendum (May 1996).	RCRA
Evaluation of the less-than-90-day accumulation areas (TAAs)	73 TAAs on-Station are being evaluated for removal and/or decontamination strategies. Plans for decontamination of the TAAs were completed in 1997, and field work began in late 1997.	RCRA
Removal, remediation and closure activities of inactive ASTs, OWSs and TAAs	Removals began in 1997 under the Remedial Action Contract.	Various

Abbreviations:
UST – underground storage tank
OCHCA – Orange County Health Care Agency
CLEAN – Comprehensive Long-Term Environmental Action Navy
RWQCB – Regional Water Quality Control Board
RCRA – Resource Conservation and Recovery Act
RFA – RCRA Facility Assessment
SWMU/AOC – solid waste management unit/area of concern
TAA – temporary accumulation area
OWS – oil/water separator

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Table 3-6
Compliance Early Action Status
(Sheet 1 of 1)

Site Number	UST Number	Action	Purpose	Status
Various[1]		Planning for decontamination of inactive TAAs has been completed, and decontamination activities are scheduled for late 1997 or early 1998	Evaluate accumulation areas for removal and/or decontamination strategies	In progress
Tank Farm 2	176 through 183	Operation of a Soil Vapor Extraction remediation system	Removal of petroleum vapor from the soil	Approximately 50,000 pounds of petroleum hydrocarbons product have been removed from the vadose zone to date.
UST 398	398	Installation and operation of free-product recovery system	Removal of free-phase petroleum product from the water table	Approximately 10,000 gallons of free product have been removed to date
UST 398	398	Construction and operation of soil vapor extraction treatment system at the JP-5 source area	Removal of petroleum hydrocarbons from the vadose zone	Approximately 90,000 pounds of petroleum hydrocarbons have been removed to date

Notes: [1]Refer to Table 3-9 for a list of accumulation areas being evaluated

Abbreviations: UST – underground storage tank

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Table 3-7
Underground Storage Tank Inventory
(Sheet 1 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 1A	1A	1	1C	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 10/2/96.	No further action required.		2*
UST 1B	1B	1	1C	H2	1943	500	Steel	Diesel	Removed		Tank removed by JTL Environmental, a subcontractor to PNI. The excavation was backfilled with the contaminated soil, lined with the LDPE lining, and covered with washed concrete sand. Removal completed by 2/6/92.	Tank included in a remediation contract with OHM.		2*
UST 6B	6B	6	5A	H1	1943	500	Steel	Fuel oil	Removed	X	Tank removed by Geofon. Removal completed by 12/31/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		2*
UST 11	11	11	1A	H1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 8/16/96.	No further action required.		2*
UST 12	12	12	1A	H1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 12/12/95.	No further action required.		2*
UST 13	13	13	1A	H1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/12/96.	No further action required.		2*
UST 14	14	14	1A	H1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. From JTL report: The excavation was backfilled with clean sand and native soil from excavation. Site closed by RWQCB in a letter dated 6/06/97.	No further action required.		2*
UST 24	24	24	1A	H1	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 12/9/96.	No further action required.		2*
UST 32	32	32	1D	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 3/12/96.	No further action required.		2*
UST 33	33	33	1D	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 10/30/96.	No further action required.		2*
UST 34	34	34	1D	H2	1943	500	Steel	Fuel oil	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 3/12/96.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 2 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 35	35	35	1D	H2	1943	500	Steel	Fuel oil	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 10/30/96.	No further action required.		2*
UST 37	37	37	1D	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/7/96.	No further action required.		2*
UST 38	38	38	1D	H2	1943	1,500	Steel	Fuel oil	Removed	X	Tank removed by OHM on 6/13/97. Site closed by RWQCB in a letter dated 11/21/97.	No further action required.		7
UST 40	40	40	1D	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/7/96.	No further action required.		2*
UST 41	41	41	1D	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/7/96.	No further action required.		2*
UST 42	42	42	1D	H2	1943	500	Steel	Fuel oil	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/7/96.	No further action required.		2
UST 43	43	43	1D	H2	1943	500	Steel	Fuel oil	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 12/11/95.	No further action required.		2*
UST 44	44	44	1D	H2	1943	500	Steel	Diesel	Inactive		Location was verified by OHM.	Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 45	45	45	1D	H2	1943	500	Steel	Fuel oil	Inactive		Location was verified by OHM.	Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 46	46	46	1D	H1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/12/96.	No further action required.		2*
UST 47A	47A	47	1D	H1	1943	1,500	Steel	Diesel	Removed		Tank removed by OHM on 4/10/97.			2*
UST 47B	47B	47	1D	H1	1943	1,500	Steel	Diesel	Removed		Tank removed by OHM on 4/10/97.			2*
UST 53	53	53	1D	H1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 10/3/96.	No further action required.		2*
UST 54A	54A	54	1C	H1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI, on 2/4/92. Excavation was lined with LDPE liner and backfilled with washed concrete sand. Site closed by RWQCB in a letter dated 8/22/97.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 3 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 54B	54B	54	1C	H1	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 12/27/96.	No further action required.		2*
UST 54C	54C	54		H1		1,400	Concrete	Diesel	Removed		Tank discovered and removed by OHM.			7*
UST 55A	55A	55	NL	H1	1943	5,000	Steel	Unknown	Removed	X	Site closed by RWQCB in a letter dated 1/14/98.	No further action required.		2*
UST 55B	55B	55	NL	H1	1943	5,000	Steel	Unknown	Removed	X	Site closed by RWQCB in a letter dated 1/14/98.	No further action required.		2*
UST 56A	56A	56	1C	H1	1943	550	Steel	Diesel	Removed	X	Tank removed by OHM on 4/7/97. Site closed by OCHCA in a letter dated 10/31/97.	No further action required.		2*
UST 56B	56B	56	1C	H1	1943	1,400	Steel	Fuel oil	Removed		Tank removal verified by Station Environmental Office.			7
UST 57	57	57	1C	H2	1943	15,000	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 58	58	58	1C	H2	1943	5,300	Concrete	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 1/13/98.	Tank included in a remediation contract with OHM		2*
UST 59	59	59	1C	H2	1943	5,300	Concrete	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 60	60	60	1C	H2	1943	2,000	Steel	Diesel	Removed	X	Tank removed by OHM on 7/15/97. Site closed by OCHCA in a letter dated 12/10/97.	No further action required.		2*
UST 62	62	62	1C	H2	1943	500	Steel	Fuel oil	Removed	X	Site closed by RWQCB in a letter dated 1/12/98.			2*
UST 63A	63A	63	1B	H2	1943	500	Steel	Diesel	Removed	X	From 1993 Station UST Inventory: 2 tanks connected by a manifold found and removed on 11/1/91. Tank removal verified by Station Environmental Office. Site closed by RWQCB in letter dated 12/18/96.	No further action required.		2*
UST 63B	63B	63	1B	H2	1943	500	Steel	Diesel	Removed	X	From 1993 Station UST Inventory: 2 tanks connected by a manifold found and removed on 11/1/91. Excavation lined w/ plastic sheeting and backfilled. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 12/18/96.	No further action required.		2*
UST 65A	65A	65	1C	H2	1943	1,400	Concrete	Fuel oil	Removed		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 removed by OHM on 7/19/97.			2*
UST 66A	66A	66	1B	H2	1943	1,100	Steel	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 12/11/95.	No further action required.		2*
UST 66B	66B	66	1B	H2	1943	1,500	Steel	Diesel	Removed	X	AP unable to locate tank. Tank removed by OHM on 8/12/97. Site closed by OCHCA in a letter dated 12/10/97.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 4 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 66C	66C	66	1B	H2	1943	1,500	Steel	Diesel/Oil	Removed	X	Removed from service in the 1970's. Discovered by OHM on 07 Aug 97. Tank removed by OHM on 8/12/97. Site closed by OCHCA in a letter dated 12/10/97.	No further action required.		2*
UST 67A	67A	67	1B	H2	1943	1,500	Steel	Fuel oil	Inactive			Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 67B	67B	67	1B	H2	1943	1,500	Steel	Fuel oil	Inactive			Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 68	68	68	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Excavation was lined with LDPE liner and then backfilled with washed concrete sand. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 10/03/97.	No further action required.		2*
UST 69	69	69	1B	H2	1943	500	Steel	Fuel oil	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/6/96.	No further action required.		1*
UST 70	70	718	1B	H2	1943	500	Steel	Diesel	Inactive		From 1993 Station UST Inventory: UST located under Building 718 on 12-4-91. Tank could not be removed.	Tank removal deferred until operational closure due to its inaccessibility.		7
UST 71	71	71	1B	H2	1943	500	Steel	Fuel oil	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 10/31/96.	No further action required.		2*
UST 72	72	718	1B	H2	1943	500	Steel	Diesel	Inactive		From 1993 Station UST Inventory: UST located under Building 718 on 12-4-91. Tank could not be removed.	Tank removal deferred until operational closure due to its inaccessibility.		7
UST 73	73	73	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 10/31/96.	No further action required.		2*
UST 74	74	74	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 11/12/96.	No further action required.		1*
UST 75A	75A	75	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 12/12/95.	No further action required.		2*
UST 75B	75B	75	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 3/12/96.	No further action required.		2*
UST 75C	75C	75	1B	H2	1943	500	Steel	Diesel	Inactive		From 1993 Station UST Inventory: Tank is located under 2-ft concrete dock supporting mechanical units.	Tank removal deferred until operational closure due to its inaccessibility.		7

Table 3-7
Underground Storage Tank Inventory
(Sheet 5 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 77	77	77	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by OCHCA in a letter dated 11/6/96.	No further action required.		1*
UST 78	78	78	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 8/16/96.	No further action required.		2*
UST 79	79	79	1B	H2	1943	500	Steel	Fuel oil	Inactive			Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 80	80	80	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 8/16/96.	No further action required.		2*
UST 81	81	81	1B	H1	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 11/6/96.	No further action required.		1*
UST 82	82	82	1B	H2	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 11/12/96.	No further action required.		1*
UST 83A	83A	83	1B	H1	1943	1,500	Steel	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2
UST 83B	83B	83	1B	H1	1943	1,500	Steel	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 84A	84A	84	1B	H2	1943	1,500	Steel	Diesel	Removed		From 1993 Station UST Inventory: Deactivated in 1978. Facility demolished in 1984. Tank removed in December 1987 or January 1988.			2*
UST 84B	84B	84	1B	H2	1943	1,500	Steel	Fuel oil	Removed		From 1993 Station UST Inventory: Deactivated in 1978. Facility demolished in 1984. Tank removed in December 1987 or January 1988.			2*
UST 94	94	94	1B	H1	1943	1,500	Steel	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 12/11/95.	No further action required.		2*
UST 98A	98A	98	1B	H1	1943	1,500	Concrete	Fuel oil	Removed		From 1993 Station UST Inventory: Deactivated and filled with sand in 1974. Tank removed by OHM on 10/30/97.			2*
UST 105A	105A	105	2A	I2	1943	1,000	Steel	Fuel oil	Removed	X	Tank was removed on 11/27/92, according to personnel at the Station Installation Department. Site closed by RWQCB in a letter dated 10/30/96.	No further action required.		2*
UST 105B	105B	105	2A	I2	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 11/12/96.	No further action required.		2*
UST 114A	114A	114	5A	I1	1966	1,500	Steel	Fuel oil	Removed	X	Tank removed 10/11/91, and verified by Station Environmental Office. Excavation was backfilled and resurfaced with asphalt. Site closed by RWQCB in a letter dated 4/11/97.	No further action required.		2*
UST 114B	114B	114	5A	I1	1966	560	Steel	Diesel	Removed		Tank removed 10/11/91, and verified by Station Environmental Office.			2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 6 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 115A	115A	115	5A	I1	1943	650	Steel	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 12/16/96.	No further action required.		2*
UST 115B	115B	115	5A	I1	1966	560	Steel	Fuel oil	Removed	X	(From 1993 Station UST report: 560-gal UST removed 6/17/93.) Site closed by RWQCB in a letter dated 1/7/98.	No further action required.		7*
UST 116	116	116	5A	I1	1943	500	Steel	Diesel	Inactive		From 1993 Station UST Inventory: Deactivated and filled with sand in 1964.	Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 117	117	117	5A	I1	1943	500	Steel	Diesel	Removed	X	From 1993 Station UST Inventory: Deactivated and filled with sand in 1964. Site closed by RWQCB in a letter dated 1/7/98.			2*
UST 126	126	126	2A	I1	1943	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 3/12/96.	No further action required.		2*
UST 130A	130A	130	2A	R	unknown	1,500	Steel	Diesel	Removed		Tank removed by OHM on 11/14/97.			2*
UST 130B	130B	130	2A	R	unknown	1,500	Steel	Diesel	Removed		Tank removed by OHM on 11/14/97.			2*
UST 133	133	133	2A	R	1943	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 11/12/96.	No further action required		1*
UST 138	138	138	2A	I1	1943	1,000	Steel	Diesel	Removed		From 1993 Station UST Inventory: Deactivated and filled with sand in 1974. Tank removed by OHM on 11/21/97.			2*
UST 146	146	146	1C	H2	unknown	2,600	Concrete	Unknown	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA on 12/9/96.	No further action required.		2*
UST 159	159	159	4B	A3	1943	200	Steel	Fuel oil	Removed		From 1993 Station UST Inventory: Tank filled with sand on an unknown date. The removal contractor and date are unknown. Site is under evaluation by RWQCB.			2*
UST 175	175	TF 1	1D	K	1943	10,000	Steel	Kerosene	Removed	X	Tank was removed by AP in conjunction with the other removals at Tank Farm #1. Site closed by OCHCA in a letter dated 1/17/97.	No further action required.		2*
UST 176	176	TF 2	1A	H1	1943	25,000	Cylindrical Concrete	Av.Gas, wastewater	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.		2*
UST 177	177	TF 2	1A	H1	1943	50,000	Cylindrical Concrete	Av Gas, wastewater, fuel oil	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.		2*
UST 178	178	TF 2	1A	H1	1943	50,000	Cylindrical Concrete	Av.Gas, wastewater, fuel oil	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.	48	2*
UST 179	179	TF 2	1A	H1	1943	25,000	Cylindrical Concrete	Av.Gas, wastewater, fuel oil	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.	49	2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 7 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 180	180	TF 2 (242)	1A	H1	1943	25,000	Cylindrical Concrete	Av.Gas, wastewater	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.	51	2*
UST 181	181	TF 2 (242)	1A	H1	1943	50,000	Cylindrical Concrete	Av.Gas, wastewater, fuel oil	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.		2*
UST 182	182	TF 2 (242)	1A	H1	1943	50,000	Cylindrical Concrete	Av.Gas, wastewater, fuel oil	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.	52	2*
UST 183	183	TF 2 (242)	1A	H1	1943	25,000	Cylindrical Concrete	Av.Gas, wastewater, fuel oil	Removed		Tank removed by Toxguard Systems, Inc. in 1995.	Tank included in a remediation contract with OHM.		2*
UST 184	184	TF 1 (184)	1D	H3	1943	25,000	Cylindrical Concrete	Unknown	Removed	X	From 1993 Station UST Inventory: Tank decommissioned in 1965. Tank removed by AP in 1996. Site closed by OCHCA in a letter dated 1/17/97.	No further action required.		2*
UST 185	185	TF 1 (185)	1D	H3	1943	50,000	Cylindrical Concrete	Unknown	Removed	X	From 1993 Station UST Inventory: Tank decommissioned in 1965. Tank removed by AP in 1996. Site closed by OCHCA in a letter dated 1/17/97.	No further action required.		2*
UST 186	186	TF 1	1D	H1	1943	25,000	Cylindrical Concrete	Unknown	Removed	X	From 1993 Station UST Inventory: Tank decommissioned in 1965. Tank removed by AP in 1996. Site closed by OCHCA in a letter dated 1/17/97.	No further action required.	275	2*
UST 187	187	TF 1	1D	H1	1943	50,000	Cylindrical Concrete	Aviation Gas/JP-5	Removed	X	From 1993 Station UST Inventory: Tank decommissioned in 1965. Tank removed by AP in 1996. Site closed by OCHCA in a letter dated 1/17/97.	No further action required.	276	2*
UST 188	188	TF 3	1A	H1	1943	25,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	277	2*
UST 189	189	TF 3	1A	H1	1943	50,000	Cylindrical Concrete	Waste Oil	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	57	2*
UST 190	190	TF 3	1A	H1	1943	50,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	278	2*
UST 191	191	TF 3 (272)	1A	H1	1943	25,000	Cylindrical Concrete	Waste Oil	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	59	2*
UST 192	192	TF 3	1A	H1	1943	25,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 193	193	TF 3	1A	H1	1943	50,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	279	2*
UST 194	194	TF 3	1A	H1	1943	50,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 195	195	TF 3	1A	H1	1943	25,000	Cylindrical Concrete	Waste Fuel	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	280	2*
UST 196	196	TF 4	2A	Q	1943	25,000	Cylindrical Concrete	Diesel	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 197	197	TF 4	2A	Q	1943	50,000	Cylindrical Concrete	Diesel	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 8 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 198	198	TF 4	2A	Q	1943	50,000	Cylindrical Concrete	JP-5	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 199	199	TF 4	2A	Q	1943	25,000	Cylindrical Concrete	JP-5	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 200	200	TF 4	2A	Q	1943	25,000	Cylindrical Concrete	JP-5	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 201	201	TF 4	2A	Q	1943	50,000	Cylindrical Concrete	JP-4	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 202	202	TF 4	2A	Q	1943	50,000	Cylindrical Concrete	JP-4	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 203	203	TF 4	2A	Q	1943	25,000	Cylindrical Concrete	JP-4	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 204	204	TF 6	5A	Q	1943	50,000	Concrete	Diesel	Active		According to El Toro Tank Farm Staff, tank was deactivated 8/93 and remained inactive for 10 years. Tank was reactivated when TF 5 was de-activated.	Tank will be removed following operational closure.	60	2*
UST 205	205	TF 6	5A	Q	1943	25,000	Cylindrical Concrete	R JP-5	Removed		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. Tank removed by OHM on 12/29/97.	Tank scheduled for removal in 1998.	61	2*
UST 206	206	TF 6	5A	Q	1943	50,000	Concrete	Unleaded	Active			Tank will be removed following operational closure.	62	7
UST 207	207	TF 6	5A	Q	1943	50,000	Concrete	Unleaded	Removed		Tank deactivated in October 1997. Tank removed by OHM on 1/8/98.	Tank scheduled for removal in 1998.	63	7
UST 208	208	TF 5	2A	II	1943	50,000	Concrete	Aviation Gas	Removed	X	Tank removed by AP. Removal completed by 12/16/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		7
UST 209	209	TF 5	2A	II	1943	25,000	Concrete	Aviation Gas	Removed	X	Tank removed by AP. Removal completed by 12/16/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		7
UST 210	210	TF 5	2A	II	1943	25,000	Cylindrical Concrete	Aviation Gas, JP-5	Removed	X	Tank removed by Toxguard Systems, Inc. Removal completed by 6/14/96. Site closed by OCHCA in a letter dated 9/20/96.	No further action required.		2*
UST 211	211	TF 5	2A	II	1943	50,000	Concrete	Aviation Gas	Removed	X	Tank removed by AP. Removal completed by 12/16/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		7
UST 212	212	TF 5	2A	II	1943	50,000	Cylindrical Concrete	Aviation Gas, JP-5	Removed	X	Tank removed by Toxguard Systems, Inc. Removal completed by 6/14/96. Site closed by OCHCA in a letter dated 9/20/96.	No further action required.		2*
UST 213	213	TF 5	2A	II	1943	25,000	Concrete	Aviation Gas	Removed	X	Tank removed by AP. Removal completed by 12/16/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		7
UST 214	214	TF 5	2A	II	1943	25,000	Cylindrical Concrete	Aviation Gas, JP-5	Removed	X	Tank removed by Toxguard Systems, Inc. Removal completed by 6/14/96. Site closed by OCHCA in a letter dated 9/20/96.	No further action required.		2*
UST 215	215	TF 5	2A	II	1943	50,000	Concrete	Aviation Gas	Removed	X	Tank removed by AP. Removal completed by 12/16/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		7

Table 3-7
Underground Storage Tank Inventory
(Sheet 9 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 216	216	TF 4	2A	I1	1943	50,000	Cylindrical Concrete	Diesel	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 217	217	TF 4	2A	I1	1943	25,000	Cylindrical Concrete	Diesel	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 218	218	TF 4	2A	I1	1943	25,000	Cylindrical Concrete	Diesel	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 219	219	TF 3	1B	H1	1943	50,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 220	220	TF 3	1B	H1	1943	25,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 221	221	TF 3	1B	H1	1943	25,000	Cylindrical Concrete	Unknown	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.		2*
UST 224	224	224	1D	H1	1943	500	Steel	Fuel Oil	Removed		From 1993 Station UST Inventory: Tank removed. Geofon completed piping removal by 12/31/96.			2*
UST 240A	240A	240	1A	H1	1944	8,000	Steel	Aviation Gas	Removed		From 1993 Station UST Inventory. Tank was removed when tank 797 was installed. Tank removal verified by Station Environmental Office.			2*
UST 240B	240B	240	1A	H1	1982	185	Steel	Waste Oil	Removed		Received waste oil from OWS 240C (RFA: Jacobs 1993). Tank removed by OHM on 2/13/97.		65	2*
UST 241	241	241	1A	H1	1945	850	Steel	Diesel	Removed	X	Tank removed by AP on 5/20/93. Site closed by RWQCB in a letter dated 10/30/96.	No further action required.		2*
UST 243	243	243	1A	H1	1944	1,500	Concrete	Fuel oil	Removed		Tank removed by AP in 1993. Removal completed by 2/28/94.	Tank included in a remediation contract with OHM.		2*
UST 247	247	247	1D	H2	1945	1,400	Concrete	Fuel oil	Removed	X	From 1993 Station UST Inventory: Facility demolished and tank filled with sand in 1977. Tank removed by OHM on 5/1/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.		2*
UST 248	248	248	1D	H2	1945	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 249	249	249	1D	H2	1945	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2
UST 250	250	250	1D	H2	1945	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 251	251	251	1D	H2	1944	2,000	Concrete	Fuel oil	Removed		Tank listed as removed in 1987 survey. Tank removal verified by Station Environmental Office.			2*
UST 252	252	252	NL	H2		1,400	Concrete	Diesel	Removed	X	Tank removed by Geofon. Removal completed by 12/31/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.	281	2*
UST 253	253	253	1D	H2	1945	1,400	Concrete	Fuel oil	Inactive		From 1993 Station UST Inventory: Deactivated in 1948. Tank filled with sand in 1961.	Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 254	254	254	1D	H2	1958	1,400	Concrete	Fuel oil	Inactive		From 1993 Station UST Inventory: Tank deactivated in 1961 and filled with sand in 1977.	Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 255	255	255	1D	H2	1945	1,400	Concrete	Fuel oil	Inactive		From 1993 Station UST Inventory: Tank deactivated and filled with sand in 1961.	Tank removal deferred until operational closure due to its inaccessibility.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 10 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 256	256	256	1C	H1	1945	2,000	Concrete	Fuel oil	Removed	X	Site closed by RWQCB in a letter dated 1/7/98.	No further action required.		2*
UST 257	257	257	1C	H2	1944	1,400	Concrete	Fuel oil	Removed	X	Tank removed by Geofon on 7/1/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 258	258	258	1C	H2	1944	1,400	Concrete	Fuel oil	Removed	X	From 1993 Station UST Inventory: Facility demolished in 1987; 1987 Survey lists tank as being filled with sand. Tank removed by Geofon on 7/2/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 260	260	260	1C	H2	1945	2,600	Concrete	Fuel oil	Removed		From 1993 Station UST Inventory: Facility demolished and tank filled with sand in 1979. Tank is identified as being removed in a memorandum dated 19 October 1994 from D. Detmers. Tank removal verified by Station Environmental Office.			2*
UST 262A	262A	873 (former B262)	1B	H2	1944	2,600	Concrete	Diesel	Removed	X	El Toro contract records show tank removed 1990. Bldg 262 no longer exists. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/22/97.	No further action required.		2*
UST 262B	262B	873 (former B262)	1B	H2	1944	2,600	Concrete	Diesel	Removed	X	El Toro contract records show tank removed 1990. Bldg 262 no longer exists. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/22/97.	No further action required.		2*
UST 263	263	263	1B	H2	1945	3,400	Concrete	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 12/4/96.	No further action required.		2*
UST 264	264	264	1B	H2	1945	3,400	Concrete	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA in a letter dated 12/9/96.	No further action required.		2*
UST 265	265	265	1B	H2	unknown	1,400	Concrete	Diesel	Removed	X	Tank removed by Geofon. Removal completed by 12/19/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		2*
UST 266	266	266	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	Tank removed by Geofon. Removal completed by 12/19/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		2*
UST 267	267	267	1B	H2	1945	1,400	Concrete	Unknown	Removed		Tank removed by Geofon. Removal completed by 12/19/96. Tank removed by OHM on 10/21/97.			2*
UST 268	268	268	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	From 1993 Station UST Inventory: Tank filled with sand in 1982. Tank removed by Geofon on 6/5/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 269	269	269	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	From 1993 Station UST Inventory: Tank filled with sand in 1974. Tank removed by Geofon on 12/19/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		2*
UST 270	270	270	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	From 1993 Station UST Inventory: Tank filled with sand in 1974. Tank removed by Geofon on 6/5/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 271A	271A	271	1B	H1	1944	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 271B	271B	271	1B	H1	1944	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 271C	271C	271	1B	H1	1944	650	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 11 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 271D	271D	271	1B	H1	1944	650	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94 Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 272	272	272	1B	H1	1944	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 5/14/97.	No further action required.		2*
UST 273	273	273	1B	H1	1944	300	Steel	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 10/3/96.	No further action required.		2*
UST 274	274	274	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	Tank removed by Geofon on 5/26/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 275	275	275	1B	H1	1944	1,500	Concrete	Fuel oil	Inactive			Tank removal deferred until operational closure due to its inaccessibility.		2*
UST 276	276	276	1B	H2	1945	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94 Site closed by RWQCB in a letter dated 1/22/97.	No further action required.		2*
UST 277	277	277	1B	H1	1945	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 278A	278A	278	1B	H2	1945	1,500	Concrete	Fuel oil	Inactive			Tank scheduled for removal in 1998.		7
UST 278B	278B	278	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	Tank removed by OHM on 4/17/97. Site closed by OCHCA in a letter dated 7/11/97	No further action required.		2*
UST 279	279	279	1B	H1	1945	1,500	Concrete	Fuel oil	Removed	X	Tank removed by OHM on 6/26/97. Site closed by OCHCA in a letter dated 12/10/97.	No further action required.		7
UST 280	280	280	1B	H2	1945	2,000	Concrete	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 10/3/96.	No further action required.		2*
UST 281	281	281	1B	H1	1944	2,000	Concrete	Fuel oil	Removed	X	Tank removed by Geofon on 7/10/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 282	282	282	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	Tank removed by Geofon on 5/27/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 283	283	283	1B	H2	1945	1,400	Concrete	Fuel oil	Removed	X	Tank removed by Geofon on 5/22/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 284	284	284	1B	H2	1945	2,000	Concrete	Fuel oil	Removed	X	Tank removed by Geofon on 5/21/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 285	285	285	1B	H1	1944	2,000	Concrete	Fuel oil	Removed	X	Tank removed by Geofon. Removal completed by 12/19/96. Site closed by RWQCB in a letter dated 4/21/97.	No further action required.		2*
UST 288	288	288	5A	H1	1944	1,500	Concrete	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 292	292	292	2A	I1	1944	1,400	Concrete	Diesel	Removed	X	Tank removed by Geofon. Removal completed by 12/19/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		2*
UST 294	294	294	5A	B1	1944	1,500	Steel	Fuel oil	Removed	X	Tank removed by Geofon. Removal completed by 12/19/96. Site closed by OCHCA in a letter dated 3/27/97	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 12 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 295	295	295	5A	A1	1984	1,000	Fiberglass	Diesel	Removed	X	From JEG report: UST removed on 10/15/91; Excavation backfilled and resurfaced with concrete. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/11/97.	No further action required.		2
UST 296	296	296	5A	A1	1984	6,000	Fiberglass	Diesel	Removed	X	From JEG report: UST removed on 10/15/91; Excavation was backfilled. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/11/97.	No further action required.		2
UST 297A	297A	297	5A	A1	1984	6,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2*
UST 297C	297C	297	5A	A1	1982	185	Steel	Waste Oil	Removed	X	Received waste oil from OWS 297B (RFA: Jacobs 1993) Tank removed by OHM on 4/2/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.	77	2*
UST 298A	298A	298	4A	A2	1944	3,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7
UST 298B	298B	298	4A	A2	1944	2,000	Steel	Diesel	Active			Tank will be removed following operational closure.		7
UST 298D	298D	298	4A	A2	1982	185	Steel	Waste Oil	Active		Receives waste oil from OWS 298C (RFA: Jacobs 1993) A new switching valve & box were installed in 2/94 according to El Toro staff.	Tank will be removed following operational closure.	85	2*
UST 304	304	304		A2	1944	1,500	Concrete	Fuel oil	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA on 12/9/96.	No further action required.		2*
UST 306	306	306	4A	A2	1944	500	Steel	Diesel	Removed	X	Tank removed by JTL Environmental, a subcontractor to PNI. Removal completed by 2/6/92. Site closed by RWQCB in a letter dated 3/12/96.	No further action required.		2*
UST 314A	314A	314	4A	A1	1945	50,000	Concrete	Diesel	Removed		According to El Toro staff, tank contents removed in January 1994. Tank removed by OHM on 8/13/97.		91	2*
UST 314B	314B	314	4A	A1	1945	50,000	Concrete	Diesel	Removed		According to El Toro staff, tank contents removed in January 1994. Tank removed by OHM on 8/21/97.		92	2*
UST 314D	314D	314	4A	A1	1945	3,000	Concrete	Diesel/Oil	Removed		Sample beneath the tank by OHM in the presence of OCHCA. Tank removed by OHM on 8/5/97.			
UST 321	321	321	4B	A4	1984	1,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 322B	322B	322	4B	A3	unknown	530	Steel	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 12/12/95.	No further action required.	282	2*
UST 324A	324A	324	4A	A1	1945	8,000	Steel	JP-5	Removed		From 1993 Station UST Inventory: Vent is capped. Tank removed by OHM on 9/24/97.			2*
UST 324B	324B	324	4A	A1	1945	8,000	Steel	JP-5	Removed		From 1993 Station UST Inventory: Vent is capped. Removed by OHM on 9/24/97.			2*
UST 324C	324C	324	4A	A1	1945	8,000	Steel	JP-5	Removed		From 1993 Station UST Inventory: Vent is capped. Tank removed by OHM on 9/24/97.			2*
UST 324D	324D	324	4A	A1	1945	8,000	Steel	JP-5	Removed		Tank removed by OHM on 9/24/97.			2*
UST 324E	324E	324	4A	A1	1984	2,000	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA in a letter dated 12/9/96.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 13 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 324F	324F	324	4A	A1	unknown	2,000	Steel	Fuel Oil	Removed		Tank removed by OHM on 9/24/97.			7
UST 326A	326A	326	4A	A1	1945	1,700	Concrete	JP-5	Abandoned		Tank was an OWS. OCHCA will allow closure of this tank in place.			2*
UST 326B	326B	326	4A	A1	1945	250	Steel	JP-5	Removed		Tank removed by OHM on 10/13/97. The field activities associated with the closure of the tank in place were completed during 1997.		283	2*
UST 327	327	327	1C	H1	1945	2,600	Concrete	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 10/3/96.	No further action required.		2*
UST 328	328	328	1C	H1	1945	2,600	Concrete	Diesel	Removed		Tank removed 10/2/91. Excavation was lined with plastic sheeting, backfilled with clean soil, and grass was planted. Tank removal verified by Station Environmental Office.	Tank included in a remediation contract with OHM		2*
UST 329	329	329	1C	H2	1945	3,100	Concrete	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2*
UST 335	335	335	4A	A2	1945	4,000	Steel	Fuel oil	Removed		Tank removal verified by Station Environmental Office.			2*
UST 337A	337A	337	1B	H1	1946	2,600	Concrete	Fuel oil	Removed		Tank removed by Geofon on 7/3/97.	Tank to be remediated by OHM		2*
UST 337B	337B	337	1B	H1	1946	2,600	Concrete	Fuel oil	Removed		Tank removed by Geofon on 7/3/97.	Tank to be remediated by OHM		2*
UST 347A	347A	347	1B	H2	1948	5,000	Steel	Gasoline	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/19/96.	No further action required.		2*
UST 347B	347B	347	1B	H2	1948	7,500	Steel	Gasoline	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/19/96.	No further action required.		2
UST 347C	347C	347	1B	H2	1948	10,000	Steel	Gasoline	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/19/96.	No further action required.		2*
UST 347D	347D	347	1B	H2	1948	300	Steel	Waste oil	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/19/96.	No further action required.	284	2*
UST 351	351	351	1D	H3	1944	500	Steel	Fuel oil	Removed	X	Tank removed by Geofon. Removal completed by 12/19/96. Site closed by OCHCA in a letter dated 4/04/97.	No further action required.		2*
UST 359A	359A	359	4B	A4	1984	1,000	Fiberglass	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.	303	2
UST 359C	359C	359	4B	A4	1982	500	Fiberglass	Hazardous Waste	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.	102	2*
UST 364A	364A	364	1G	C2	1952	2,000	Steel	Fuel oil	Removed		Tank removed by AP in 1993.			2*
UST 364B	364B	364	1G	C2	1952	5,300	Steel	Fuel oil	Removed	X	Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 1/9/98.			2*
UST 365	365	365	1G	C2	1954	2,500	Steel	Diesel	Removed		Tank removal verified by Station Environmental Office.			2*
UST 366	366	366	1G	C2	1954	2,500	Steel	Diesel	Abandoned	X	Tank was abandoned in place by AP. Abandonment completed by 2/28/94. Site closed by RWQCB in a letter dated 3/12/96.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 14 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 367	367	367	1G	C2	1954	2,500	Steel	Diesel	Abandoned		Tank was abandoned in place by AP. Tank was filled with a sand cement slurry & backfilled with uncontaminated soil. Abandonment completed by 2/28/94.			2*
UST 368	368	368	4A	A2	1984	2,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993 and verified by Station Environmental Office. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 369	369	369	4A	A2	1984	4,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 372A	372A	372	5A	Q	1954	2,000	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.	Tank will be removed following operational closure.		2*
UST 372B	372B	372	5A	Q	1954	2,500	Steel	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 12/11/95.	No further action required.		2*
UST 374A	374A	374	3A	B1	1954	42,000	Concrete	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.	263	2*
UST 374B	374B	374	3A	B1	1954	10,000	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 10/02/97.	No further action required.		2*
UST 375	375	375	1D	H3	1954	10,000	Steel	Fuel oil	Removed	X	From 1993 Station UST Inventory: Supply and return lines have been disconnected in the boiler room. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/22/97.	No further action required.		2
UST 380A	380A	380	2A	I2	1954	10,500	Steel	Diesel	Removed		Tank removed by AP in 1993. AP noted that there was only one tank. Site Assessment report for tank 380A has been submitted.			2*
UST 380B	380B	380	2A	I2	1954	600	Steel	Motor Gas	Removed		Tank removed by AP.			2*
UST 386A	386A	386	4A	A2	1984	1,500	Steel	Fuel Oil	Removed		Tank removed by OHM on 11/26/97.			2*
UST 386C	386C	386	4A	A2	1982	185	Steel	Waste Oil	Active		Tank receives waste oil from OWS 386B (RFA; Jacobs 1993).	Tank will be removed following operational closure.	113	2*
UST 388A	388A	388	4A	A1	1955	500	Steel	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/2/96.	No further action required.		2
UST 388B	388B	388	4A	A1	1955	2,000	Steel	Diesel	Active		Per OCHCA: Suspected that steel tank was removed and replaced with a double-wall fiberglass tank in 1988.	Tank will be removed following operational closure.	117	7
UST 390A	390A	390	3A	J4	1955	550	Steel	Diesel	Removed		Tank removed by AP in 1993.	Tank included in a remediation contract with OHM.		2*
UST 390B	390B	390	3A	J4	1955	2,000	Steel	Diesel	Removed		Tank removed by AP in 1993.	Tank included in a remediation contract with OHM.		2*
UST 392A	392A	392	2A	I2	1955	500 or 550	Steel	Unleaded	Removed	X	Tank removed in 1993. Site was confirmed closed by OCHCA's letter dated 12/9/96.	No further action required.	298	2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 15 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 392B	392B	392	2A	I2	1955	2,000	Steel	Gasoline	Removed	X	Records at the OCHCA indicate that this tank can be closed. Site closed by OCHCA in a letter dated 3/14/97.	No further action required.		7
UST 392C	392C	392	2A	I2	unknown	unknown	Steel	Diesel	Removed	X	A small inactive tank located behind Building 392. Tank removed by OHM on 3/12/97. Site closed by OCHCA in a letter dated 7/04/97.	No further action required.		2*
UST 392D	392D	392	2A	I2	1955	2,000	Steel	Diesel	Removed			Tank will be remediated and closed in conjunction with the removal of 392F following operational closure.		2*
UST 392E	392E	392	2A	I2	1988	2,000	Fiberglass	Gasoline	Active		This tank was a replacement for UST392B.	Tank will be removed following operational closure.		2*
UST 392F	392F	392	2A	I2	1988	2,000	Fiberglass	JP-5	Active		This tank was a replacement for UST392D.	Tank will be removed following operational closure		2*
UST 398	398	397	5A	I1	1956	108,000	Steel	JP-5	Removed		Tank removal verified by Station Environmental Office. UST 398 replaced by USTs 902A, B, & C which were installed in 1993 according to El Toro staff.	Tank included in a remediation contract with OHM.		2*
UST 399	399	399	5A	K	1955	500	Steel	Diesel	Removed	X	Tank currently filled with sand. Tank removed by OHM on 5/16/97. Site closed by OCHCA in a letter dated 9/05/97.	No further action required.	285	2*
UST 404	404	414	5A	B1	1957	1,000	Steel	Diesel	Active		Located in a restricted area.	Tank will be removed following operational closure		7
UST 405	405	405	3A	B1	1956	1,200	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 12/16/96.	No further action required.		2*
UST 406	406	406	3A	B1	1956	1,200	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 12/16/96.	No further action required.		2*
UST 418	418	16R		N	1956	550	Steel	Fuel Oil	Removed	X	Tank removed by Geofon on 7/23/97. Site closed by OCHCA in a letter dated 11/14/97.	No further action required.		
UST 435	435	435	5A	A1	1959	1,000	Steel	Diesel	Removed	X	UST removed 10/11/91. Excavation was backfilled and seeded with grass. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/11/97.	No further action required.		2*
UST 439A	439A	439	1G	C2	1959	5,000	Steel	Fuel oil	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2*
UST 439B	439B	439	1G	C2	1959	5,000	Steel	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by OCHCA on 12/9/96.	No further action required.		2*
UST 442	442	442	3A	B1	1959	110	Steel	Fuel oil	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 443	443	443	1G	C2	1959	1,000	Steel	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 12/12/95.	No further action required.		2*
UST 445A	445A	445	4A	A1	1959	10,000	Steel	Unknown	Removed	X	Tank removed by OHM on 5/8/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 445B	445B	445	4A	A1	1959	10,000	Steel	JP-5	Removed	X	Tank removed by OHM on 5/8/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 16 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 447A	447A	447	3A	B1	1959	10,000	Steel	JP-5	Removed	X	Tank contained JP-5 according to El Toro personnel. Tank removed by OHM on 2/10/97. Site closed by RWQCB in a letter dated 1/7/98.			7
UST 447B	447B	447	3A	B1	1959	10,000	Steel	JP-5	Removed	X	Tank contained JP-5 according to El Toro personnel. Tank removed by OHM on 2/10/97. Site closed by RWQCB in a letter dated 1/7/98.			7
UST 449	449	449	1G	C1	1959	3,000	Steel	Fuel oil	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 12/11/95.	No further action required.		2*
UST 450	450	450	1G	C1	1959	3,000	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA in a letter dated 12/9/96.	No further action required.		2*
UST 451	451	451	1G	C1	1959	3,000	Steel	Diesel	Removed	X	Tank removed by AP. Removal completed by 2/28/94. Site closed by RWQCB in a letter dated 3/12/96.	No further action required.		2*
UST 452	452	452	1G	C1	1959	3,000	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA in a letter dated 12/9/96.	No further action required.		2*
UST 453	453	453	3A	B1	1960	1,500	Steel	Diesel	Removed	X	From 1993 Station UST Inventory: Supply and return lines have been disconnected outside the building. Tank removed by OHM on 5/16/97. Site closed by OCHCA in a letter dated 9/05/97.	No further action required.		2*
UST 454	454	454	3A	B1	1960	1,500	Steel	Diesel	Removed	X	From 1993 Station UST Inventory: Supply and return lines have been disconnected outside the building. Tank removed by OHM on 5/27/97. Site closed by OCHCA in a letter dated 9/05/97.	No further action required.		2*
UST 455	455	455	3A	B1	1960	1,500	Steel	Diesel	Removed	X	From JEG report: UST removed 10/17/91. Excavation was backfilled and seeded with grass. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/11/97.	No further action required.		2
UST 457	457	457	3A	J1	1960	2,000	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 461	461	461	5A	B1	1960	550	Fiberglass	Diesel	Removed		Tank removed by AP in 1993.		137	2*
UST 462	462	462	5A	B1	1960	550	Fiberglass	Diesel	Removed		Tank removed by AP in 1993.		139	2*
UST 463	463	463	3A	B1	1960	1,500	Steel	Diesel	Removed	X	Tank received waste oil from OWS 845 (SWMU 248). Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 1/22/97.	No further action required.	249	2*
UST 473A	473A	473	1B	H2	1943	1,500	Steel	Diesel	Inactive		Building demolished. Location of UST unknown.	Tank removal deferred until operational closure due to its inaccessibility.		7
UST 473B	473B	473	1C	H2	1943	1,500	Steel	Diesel	Inactive		Building demolished. Location of UST unknown.	Tank removal deferred until operational closure due to its inaccessibility.		7
UST 493	493	493	NL	A3	1944	1,500	Concrete	Diesel	Inactive		Unable to locate tank; building no longer exists. Tank 493, formerly believed to have been removed, was discovered on 1/19/98. The tank is inactive and is in the process of being closed in place.		143	7
UST 529	529	529	4A	A2	1944	25,000	Concrete	Waste Oil	Removed		Tank removed by OHM on 6/13/97.	Tank site is under remediation.	145	2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 17 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 547	547	TF 555	2D	E1	1953	567,000	Cylindrical Concrete	JP-5	Active			Tank will be removed following operational closure.		7
UST 548	548	TF 555	2D	E1	1953	567,000	Cylindrical Concrete	JP-5	Active			Tank will be removed following operational closure.		7
UST 549	549	TF 555	2D	E1	1953	567,000	Cylindrical Concrete	JP-5	Active			Tank will be removed following operational closure.		7
UST 550	550	TF 555	2D	E1	1953	567,000	Cylindrical Concrete	JP-5	Active			Tank will be removed following operational closure.		7
UST 551	551	TF 555	2D	E1	1953	567,000	Cylindrical Concrete	JP-5	Active			Tank will be removed following operational closure.		7
UST 553	553	553	2D	E1	1956	10,000	Steel	Gasoline	Removed	X	Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 11/19/97.	No further action required.		2*
UST 554	554	554	2D	E1	1956	10,000	Steel	Kerosene	Removed	X	Tank removed by AP in 1993. Site closed by RWQCB in a letter dated 11/19/97.	No further action required.		2*
UST 568	568	568	5C	E1	1956	250	Steel	Diesel	Active			Tank will be removed following operational closure.		7
UST 579	579	579	3F	J5	1957	320	Steel	Unknown	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 581	581	581	2B	I2	1945	550	Steel	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96. (Tank 5243 was confirmed to be a duplicate of UST 581 and, consequently, has been removed from all current databases.)	No further action required.		2*
UST 605A	605A	605	5A	I1	1965	1,700	Steel	Diesel	Removed	X	From JEG report: UST removed 10/8/91; excavation backfilled and resurfaced with asphalt. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/11/97.	No further action required.		2*
UST 605B	605B	605	5A	I1	1965	500	Steel	Diesel	Active		Location verified by OHM. Associated with OWS 605C			2*
UST 606A	606A	606	5A	I1	1965	1,700	Steel	Diesel	Removed	X	From JEG report: UST removed 10/8/91; excavation backfilled and resurfaced with asphalt. Tank removal verified by Station Environmental Office. Site closed by RWQCB in a letter dated 4/11/97.	No further action required.		2*
UST 610	610	610	2A	R	1966	300	Steel	Gasoline	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96. Tank number changed from 610A to 610.	No further action required.		2
UST 625	625	625	1B	H1	1967	1,500	Steel	Waste Oil	Removed	X	Tank formerly located within current RI/FS Site 20 boundaries. Tank removed by OHM and site closed by RWQCB in a letter dated 8/13/96.	No further action required.	156	2*
UST 627	627	627	3F	J5	unknown	unknown	Fiberglass	Diesel	Removed	X	Tank removed by OHM. Removal completed by 12/31/96. Site closed by OCHCA in a letter dated 7/21/97.	No further action required.		2*
UST 634	634	634	2A	R	1969	10,000	Steel	Fuel oil	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/2/96.	No further action required.		2*
UST 636	636	636	3A	J1	1969	1,500	Steel	Diesel	Removed	X	Tank removed by Geofon. Removal completed by 12/19/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.		2*
UST 637-1	637-1	637	2A	R	1969	12,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7

Table 3-7
Underground Storage Tank Inventory
(Sheet 18 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 637-2	637-2	637	2A	R	1969	12,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7
UST 637-3	637-3	637	2A	I2	1969	12,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7
UST 643A	643A	643	5A	I1	1982	185	CPS	Waste oil	Removed	X	Associated with OWS 643B. Tank removed by OHM on 3/6/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.	162	2*
UST 651-1	651-1	651	1G	C2	1971	12,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7
UST 651-2	651-2	651	1G	C2	1971	12,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7
UST 651-3	651-3	651	1G	C2	1971	12,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7
UST 651-4	651-4	651	1G	C2	1971	12,000	Steel	Unleaded	Active			Tank will be removed following operational closure.		7
UST 651-5	651-5	651	1G	C2	1971	500	Steel	Waste Oil	Removed	X	Tank removed by OHM on 4/15/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.	166	7
UST 651-6	651-6	651	1G	C2	1971	500	Steel	Motor Oil	Removed	X	Tank removed by OHM on 4/15/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.	167	7
UST 651-7	651-7	651	1G	C2	1971	500	Steel	Motor Oil	Removed	X	Tank removed by OHM on 4/18/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.	168	7
UST 655	655	655	4A	A1	1984	2,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.	250	2
UST 658A	658A	658	2A	I1	1972	10,000	Steel	JP-5	Inactive		Tank inactivated in July 1997.	Tank scheduled for removal in 1998.		7
UST 658B	658B	658	2A	I1	1972	10,000	Steel	JP-5	Inactive		Tank inactivated in July 1997.	Tank scheduled for removal in 1998.		7
UST 662	662	662	1G	C2	1973	10,000	Steel	Fuel oil	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 672	672	672	4A	A1	1972	500	Steel	Waste JP-5	Removed		Tank removed by OHM on 1/29/97.		174	7
UST 672B	672B	672	4A	A1	1972	1,000	Steel	Waste Oil	Removed		Tank removed by OHM on 1/29/97.		176	2*
UST 673B	673B	673	3A	J4	1982	300	Steel	Waste Oil	Active		Combined with OWS 673A (SWMU 179).	Tank will be removed following operational closure.	180	2*
UST 674A	674A	674	4B	A3	1982	500	Steel	Waste oil	Abandoned	X	Received waste oil from OWS 674B. Tank filled with concrete slurry by OHM on 12/4/97. Site closed by OCHCA in a letter dated 12/10/97.	No further action required.	187	2*
UST 675A	675A	675	4B	M	1982	500	Steel	Waste oil	Abandoned	X	Received waste oil from OWS 675B (SWMU 292). Tank filled with concrete slurry by OHM on 12/4/97. Site closed by OCHCA in a letter dated 12/10/97.	No further action required.	188	5*
UST 693A	693A	693	1G	C2	1975	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 11/7/96.	No further action required.		2*
UST 693B	693B	693	1G	C2	1975	500	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 11/7/96.	No further action required.		1*
UST 706	706	706	NL	B1	1984	100	Steel	Diesel	Removed		Tank removal verified by Station Environmental Office. Building demolished.		191	2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 19 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 716A	716A	716	5A	I1	1976	3,000	Steel	Waste Oil	Inactive		Tank used to store waste oil from OWS 716B. Tank inactivated on 10/23/97.	Tank scheduled for removal in 1998.	192	7
UST 718	718	718	1B	H2	1978	4,000	Fiberglass	Fuel oil	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2
UST 730	730	730	1A	H1	1978	1,000	Fiberglass	Diesel	Active		Field inspection conducted on 7/22/93.	Tank will be removed following operational closure.		7
UST 733A	733A	733	1G	C1	1980	10,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.		2*
UST 733B	733B	733	1G	C1	1980	10,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.	286	2*
UST 733C	733C	733	1G	C1	1980	10,000	Fiberglass	Diesel	Removed	X	Tank removed by AP in 1993. Site closed by OCHCA on 12/9/96.	No further action required.	287	2*
UST 733D	733D	733	1G	C1	1980	10,000	Fiberglass	Diesel	Removed	X	Newly identified by Station staff in December 1995. Tank removed by OHM on 3/21/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.		2*
UST 758B	758B	758	4A	A2	1982	185	Steel	Waste Oil	Active		Stores waste oil from OWS 758A (SWMU 196).	Tank will be removed following operational closure.	197	2*
UST 759B	759B	759	4A	A1	1982	185	Steel	Waste Oil	Active		Stores waste oil from OWS 759A (SWMU 199).	Tank will be removed following operational closure.	200	2*
UST 760A	760A	760	4A	A1	1982	185	Steel	Waste Oil	Active		Stores waste oil from OWS 760B.	Tank will be removed following operational closure.	202	2*
UST 761B	761B	761	5A	B1	1982	500	Steel	Waste Oil	Active		Receives waste oil from OWS 761A (SWMU 205).	Tank will be removed following operational closure.	206	2*
UST 762B	762B	390	3A	J4	1982	185	Steel	Waste Oil	Removed	X	Received waste oil from OWS 762A (SWMU 208). Removed by OHM on 1/22/97. Site closed by OCHCA in a letter dated 7/02/97.	No further action required.	209	2*
UST 763B	763B	763	5A	I1	1982	500	Steel	Waste Oil	Active		Receives waste oil from OWS 763A (SWMU 211).	Tank will be removed following operational closure.	212	2*
UST 764A	764A	764	2A	I2	1982	500	Steel	Waste Oil	Active		Receives waste oil from OWS 764B.	Tank will be removed following operational closure.	214	2*
UST 765A	765A	765	1A	H1	1982	185	Steel	Waste Oil	Active		Receives waste oil from OWS 765B.	Tank will be removed following operational closure.	217	7
UST 766B	766B	766	1A	H1	1982	500	Steel	Waste Oil	Active		Receives waste oil from OWS 766A (SWMU 220). Tank under repair/construction as of 2/94 according to El Toro staff.	Tank will be removed following operational closure.	221	2*
UST 782	782	782	3A	J1	unknown	1,000	Steel	Gasoline	Removed	X	UST found by an OCHCA Inspector; tank is inactive. Per El Toro staff, tank is active and has no monitoring system in place. Tank removed by Geofon on 7/23/97. Site closed by OCHCA in a letter dated 10/24/97.	No further action required.		2*
UST 797	797	797	1A	H1	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.	Tank will be removed following operational closure.		7
UST 800A	800A	800	4B	M	1984	10,000	Fiberglass	Diesel	Active			Tank will be removed following operational closure.		7
UST 800B	800B	800	4B	M	1984	10,000	Fiberglass	Kerosene	Active			Tank will be removed following operational closure.		7
UST 800C	800C	800	4B	M	1984	10,000	Fiberglass	Diesel	Active			Tank will be removed following operational closure.		7

Table 3-7
Underground Storage Tank Inventory
(Sheet 20 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 800D	800D	800	4B	M	1984	1,000	Fiberglass	Waste Oil	Active			Tank will be removed following operational closure.	230	7
UST 800E	800E	800	4B	M	1984	1,000	Fiberglass	Waste Oil	Active			Tank will be removed following operational closure.	231	2*
UST 850A	850 A	850	5A	K	1988	5,000	Fiberglass	JP-5	Active		Located within RI/FS Site 16 boundaries.	Tank will be removed following operational closure.	288	7
UST 850B	850 B	850	5A	K	1988	5,000	Fiberglass	JP-5	Active		Located within RI/FS Site 16 boundaries.	Tank will be removed following operational closure.	289	7
UST 891A	891A	414	5A	B1	1990	30,000	Fiberglass coated steel	JP-5	Active			Tank will be removed following operational closure.		7
UST 891B	891B	414	5A	B1	1990	30,000	Fiberglass coated steel	JP-5	Active			Tank will be removed following operational closure.		7
UST 891C	891C	414	5A	B1	1990	2,500	Fiberglass coated steel	JP-5	Active			Tank will be removed following operational closure.	20	7
UST 902A	902A	902	5A	Q	1993	50,000	Fiberglass Coated Steel	JP-5	Active		Located in a restricted area. Has a "Tank Watch" monitoring system. USTs 902A-C replaced UST 398.	Tank will be removed following operational closure.		7
UST 902B	902B	902	5A	Q	1993	50,000	Fiberglass Coated Steel	JP-5	Active		Located in a restricted area. Has "Tank Watch" monitoring system. USTs 902 A-C replaced UST 398.	Tank will be removed following operational closure		7
UST 902C	902C	902	5A	Q	1993	2,500	Fiberglass Coated Steel	JP-5	Active		Used fuel separator. Has "Tank Watch " monitoring system. USTs 902 A-C replaced UST 398.	Tank will be removed following operational closure.		7
UST 5101	5101	5101	1D	H2	1943	500	Steel	Diesel	Inactive		Supplied fuel to boilers in Bldgs. 5101 & 5102.	Tank scheduled for removal in 1998.		2*
UST 5102	5102	5102	1D	H2	1943	500	Steel	Fuel oil	Inactive			Tank scheduled for removal in 1998.		2*
UST 5201	5201	5201	2B	I2	1945	300	Steel	Fuel oil	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5202	5202	5202	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5203	5203	5203	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5204	5204	5204	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5205	5205	5205	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5206	5206	5206	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5207	5207	5207	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2

Table 3-7
Underground Storage Tank Inventory
(Sheet 21 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 5208	5208	5208	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5209	5209	5209	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5210	5210	5210	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2*
UST 5211	5211	5211	2B	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2*
UST 5212	5212	5212	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2
UST 5213	5213	5213	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5214	5214	5214	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5215	5215	5215	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5216	5216	5216	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5217	5217	5217	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5218	5218	5218	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5219	5219	5219	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5220	5220	5220	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/23/96.	No further action required.		2*
UST 5221	5221	5221	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 22 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 5222	5222	5222	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2*
UST 5223	5223	5223	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/23/96.	No further action required.		2*
UST 5224	5224	5224	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2*
UST 5225	5225	5225	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5226	5226	5226	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5227	5227	5227	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5228	5228	5228	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5229	5229	5229	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5230	5230	5230	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5231	5231	5231	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5232	5232	5232	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5233	5233	5233	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5234	5234	5234	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5235	5235	5235	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5236	5236	5236	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2

Table 3-7
Underground Storage Tank Inventory
(Sheet 23 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST 5237	5237	5237	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2*
UST 5238	5238	5238	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2*
UST 5239	5239	5239	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5240	5240	5240	2C	D1b	1945	300	Steel	Diesel	Removed	X	Tank removed and closed during the Irvine Relocation project in 1990. Tank removal verified by Station Environmental Office. Site closed by OCHCA in a letter dated 2/28/96.	No further action required.		2
UST 5241	5241	5241	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 5242	5242	5242	2B	I2	1945	300	Steel	Diesel	Removed	X	Tank removed by DAS. Removal completed by 9/15/95. Site closed by OCHCA in a letter dated 3/1/96.	No further action required.		2
UST 9001	9001	N/A		E1	Unknown	10,000	Steel	Diesel	Removed	X	Tank discovered in February 1997. Tank removed by OHM on 2/26/97. Site closed by OCHCA in a letter dated 7/2/97.	No further action required.		
UST 9002	9002	N/A		E1	Unknown	5,000	Steel	Diesel	Removed	X	Tank discovered in February 1997. Tank removed by OHM on 2/26/97. Site closed by OCHCA in a letter dated 7/2/97.	No further action required.		
UST T-1	T-1	TF 555	2D	E1	1988	2,000	Fiberglass Coated Steel	Waste JP-5	Active		From EG&G report: Tank stores spilled fuel from TF-555.	Tank will be removed following operational closure.	23	2*
UST T-2	T-2	TF 4	5A	Q	1988	2,000	Fiberglass Coated Steel	Waste JP-5	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	18	2*
UST T-3	T-3	TF 4	2A	I1	1988	2,000	Fiberglass Coated Steel	Waste JP-5	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	19	2*
UST T-4	T-4	TF 3	1A	H1	1988	2,000	Fiberglass Coated Steel	Waste Oil	Removed	X	Tank removed by AP. Site closed by OCHCA in a letter dated 11/13/96.	No further action required.	58	2*
UST T-5	T-5	TF 2	1A	H1	1988	2,000	Fiberglass Coated Steel	Waste JP-5	Removed	X	Tank removed by Toxguard Systems, Inc. Removal completed by 6/14/96. From EG&G report: Tank stored spilled fuel from TF-2. Site closed by RWQCB in a letter dated 11/19/97.	No further action required.	17	2*
UST T-6	T-6	TF 5	2A	I1	1988	2,000	Fiberglass Coated Steel	Waste JP-5	Removed	X	Tank removed by AP. Removal completed by 12/16/96. Site closed by OCHCA in a letter dated 3/27/97.	No further action required.	21	2*
UST T-7	T-7	TF 6	5A	Q	1988	2,000	Fiberglass Coated Steel	Waste JP-5	Active		From EG&G report: Tank stores spilled fuel from TF-6.	Tank will be removed following operational closure.	24	2*
UST T-8	T-8	TF 5,6	2A	I1	1988	2,000	Fiberglass Coated Steel	Waste JP-5	Active		From EG&G report: Tank stores spilled fuel from TF-5 & 6.	Tank will be removed following operational closure.	22	2*

Table 3-7
Underground Storage Tank Inventory
(Sheet 24 of 24)

Database Tracking No.	Tank No.	Nearest Building No.	Previous Parcel	New Parcel	Year Tank Installed	Capacity (gallons)	Tank Material	Substance Stored	Status	Closed	Comments	Future Actions	SWMU No.	ECP Area Type
UST T-9	T-9	779	5A	Q	1988	2,000	Fiberglass Coated Steel	JP-5	Removed	X	From EG&G report: Tank is fuel slop tank near Bldg 779 Tank removed by OHM on 3/27/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.	228	2*
UST T-10	T-10	Taxiway	5A	K	1988	1,000	Fiberglass Coated Steel	JP-5	Removed	X	From EG&G report: Tank is fuel slop tank near Bldg 374 Tank removed by OHM on 3/5/97. Site closed by OCHCA in a letter dated 7/11/97.	No further action required.	108	2*
UST T-11	T-11	297	5A	A1	1988	1,000	Fiberglass Coated Steel	JP-5	Active		From EG&G report: Tank is slop fuel tank between Bldg 297 & 388.	Tank will be removed following operational closure.	75	2*

Primary Source: MCAS El Toro electronic database, as supplied by Lt. Hope Katcharian (12/97)

Abbreviations:
AP - American Processing (UST removal contractor)
AOC - Area of Concern
BCT - BRAC Cleanup Team
BNI - Bechtel National, Inc.
CA - California
DAS - Diversified Analytical Services, Inc.
DTSC - Department of Toxic Substances Control
ECP - environmental condition of property
EG&G -
EPA - Environmental Protection Agency
FA - further action
JEG - Jacobs Engineering Group
JTL - JTL Environmental Remediation Group (UST removal contractor)
ND - not detected
NFA - no further action
OCHCA - Orange County Health Care Agency
OHM - OHM Remediation Services Corporation
OWS - oil/water separator
PNI - Phillips National, Inc.
RAC - Remedial Action Contract
RFA - Resource Conservation and Recovery Act (RCRA) Facility Assessment
RWQCB - Regional Water Quality Control Board
SWMU - solid waste management unit
TF - tank farm
UST - underground storage tank

Note: ECP Area Type designations which are followed by an asterisk (*) have changed since the March 1996 BCP.

Table 3-8
Aboveground Storage Tank Inventory
(Sheet 1 of 2)

Database Tracking	Previous Parcel	New Parcel	Location	Description (Size/Contents/Type)	Status	AST No.	Source[1]	ECP Area Type
AST 126	2A	I1	Building 126	300 gallons/Oil. Not plotted on BCP figures.	Removed	126	A	1*
AST 155	5A	K	Building 155 (NW side)	200 gallons/ Lube Oil or Diesel Fuel/ HT	Active	155	A, F	2
AST 245	1A	H1	Building 245	1,000 gallons/ propane or air/ HT	Active	245	B, F	2
AST 317	4B	A4	Building 317 (inside)	275 gallons/ Fuel Oil/ HT	Removed	317	D, E, F	1
AST 318	4B	A4	Building 318 (inside)	275 gallons/ Fuel Oil/ red HT	Removed	318	D, E, F	1
AST 319	4B	A4a	Building 319 (inside bldg., SW corner)	275 gallons/ Fuel Oil/ HT	Removed	319A	D, E, F	1
AST 322	4B	A3	Building 322	1.080 gallons/Diesel/HT	Inactive	322	E	2
AST 335	4A	A2	Building 335	650 gallons/Diesel/VT	Inactive	335	E	2
AST 372	5A		Building 724 (now renumbered and included with Building 372)	275 gallons/Diesel Fuel	Active	372		2
AST 376			Building 376	50 gallons/Diesel/HT	Active	376	E	2
AST 380	2A	R	Building 380	635 gallons/Diesel/Rectangular Tank	Active	380	E	2
AST 390A	3A	J4	Building 390 (N side)	500 gallons/ Unleaded/ VT	Active	390A	A, F	2
AST 390B	3A	J4	Building 390 (N side)	500 gallons/ Diesel/ VT	Active	390B	A, F	2
AST 439			Building 439	500 gallons/Propane/HT	Inactive	439	E	2
AST 464			Building 464	500 gallons/Propane/HT	Active	464	E	2
AST 610	2A		Building 610 (S side)	300 gallons/ Diesel Fuel Oil/ HT (formerly AST "610B")	Active	610	E, F	2
AST 619	3F	J2	Building 619	Diesel	Active	619	D, E, F	2
AST 637	2A	R	Building 637	500 gallons/Propane	Removed	637	B	1*
AST 651	1G	C2	Building 651 (W side)	1,000 gallons/ Propane/ HT	Active	651	B, F	2
AST 670	1G	C1	Building 670	Liquid Propane Gas	Removed	670	C	1*
AST 717	5A	A1	Building 717 (in shed, SE of bldg.)	500 gallons/ Diesel/ HT	Active	717	A, F	2
AST 753	4A	A2	Building 753 (NW side)	200 gallons/ Pesticides/ yellow HT	Active	753	A, F	7*
AST 797	5A		Building 797	1,000 gallons/ Waste Oil/ HT (labeled Hazardous Waste)	Inactive	797	A, F	2
AST 862	4B	A3	Building 862 (adjacent to 789 & 496)	30,000 gallons/ JP-5/ HT (per note "C," it is Hazardous Waste)	Inactive	862	A, C, F	2
AST 883	1B	H2	Building 883 (S side)	1,000 gallons/ empty (formerly waste oil)/ yellow rectangular tank (formerly AST 626)	Inactive	883	F	1

Table 3-8
Aboveground Storage Tank Inventory
(Sheet 2 of 2)

Notes: [1] Letters in this column correspond to the following information sources:

(A) Personal communications, R. Duffin/MCAS El Toro EO, February/March 1993. Contingency Plan, January 1994.

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

(C) MCAS El Toro Building Guide (July 8, 1995).

(D) EG&G, MCAS El Toro Underground Storage Tank Survey Report, November 1990. This report identified these tanks as underground storage tanks, however the tanks were later identified as aboveground storage tanks by Station staff (source E).

(E) Personal communications, Lt. H. Katcharian/MCAS El Toro EO, December 1997.

(F) Ongoing field verification inventory study under CLEAN II (CTO-0075).

[2] An asterisk following the area type indicates that the area type designation has changed since the March 1996 BCP.

Abbreviations:

AST - aboveground storage tank
CTO - Contract Task Order
ECP - environmental condition of property
EO - Environmental Office
HT - horizontal tank
VT - vertical tank

Continue

Table 3-9
Less-Than-90-Day Accumulation Areas
(Sheet 1 of 5)

Database Tracking	Building Number	Previous Parcel	New Parcel	Status	Closure Evaluation[1]	SWMU/ AOC No.	RFA Sampling	Comments	ECP Area Type[2]
TAA 2	2	1A	H1	Active	X	-		Identified in 1994 SPCC Plan. Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed.	3*
TAA 5A	5	5A	H1	Active	X	25		Sampling visit not recommended during PR/VSI. Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	1
TAA 5B	5	1A	H1	Active	X	26	X	Initial RFA recommended excavation of shallow stained soil. Site visited for RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed.	6
TAA 7	7	5A	H1	Inactive	X	-	X	Identified in 1994 SPCC Plan. In final RFA Addendum (BNI, 1996) nine samples collected from three locations; a "release" was not detected. Evaluation of removal and/or decontamination strategy proposed, and possible sampling.	1
TAA 10	10	1A	H1	Active	X	27	X	Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	1
TAA 19	19	1A	H1	Inactive		-		Identified in Station's HW Open Drum Inspection Report.	7
TAA 22	22	1A	H1	Active	X	-		Identified in 1994 SPCC Plan. Site visited for final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed.	3*
TAA 29A	29	1D	H2	Inactive	X	30	X	Area has been cleaned as of 12/94; clean and vacant as of 11/95. Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	3
TAA 29B	29	1D	H2	Inactive	X	31		Located within boundaries of IRP Site 15. Area has been cleaned as of 12/94; clean and vacant as of 11/95. Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	3
TAA 31A	31	1D	H2	Active	X	272	X	Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	1*
TAA 31B	31	1D	H2	Active	X	-		Identified in 1994 SPCC Plan. Site visited for final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed.	3*
TAA 51	51	1D	H2	Inactive	X	33	X	Final RFA Addendum (BNI, 1996): excavation of shallow, stained soil, and evaluation of removal and/or decontamination strategy proposed.	6
TAA 77	77	1B	H2	Inactive		-		Identified in Station's HW Open Drum Inspection Report	7
RFA 35	96	4A[4]	A1	Inactive		35		Source: SPCC map (no date). Location not confirmed during RFA activities. NFA through agency acceptance of the EBS (Table 3-3).	1*
TAA 114	114	5A	I1	Active	X	38		No materials present; no surface defects. Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	1
TAA 115	115	5A	I1	Active	X	39	X	Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	3
TAA 130C	130	2A	R	Inactive	X	42		Sampling visit not recommended during PR/VSI. Surface free of defects. Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	1
TAA 130A	130	2A	R	Inactive	X	294		Sampling visit not recommended during PR/VSI. Site visited for final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed.	1
TAA 130B	130	2A	R	Inactive	X	295		Sampling visit not recommended during PR/VSI. Site visited for final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed.	1
TAA 155C	155	5A	K	Inactive	X	45	X	Final RFA Addendum (BNI, 1996): evaluation of removal and/or decontamination strategy proposed. NFA pending Station closure.	1*