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FINAL
RECORD OF DECISION
OPERABLE UNIT 3A
SITES 8 AND 12
FORMER MARINE CORPS AIR STATION
EL TORO, CALIFORNIA

January 2007

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DECLARATION

SITE NAME AND LOCATION

Former Marine Corps Air Station, El Toro
Operable Unit 3A
Site 8, Defense Reutilization and Marketing Office Storage Area
Site 12, Sludge Drying Beds
Irvine, California

National Superfund Database Identification Number: CA6170023208

STATEMENT OF BASIS AND PURPOSE

This Record of Decision (ROD) presents the selected remedial action for the Installation Restoration Program Sites 8 and 12, at Former Marine Corps Air Station (MCAS) El Toro, located in Orange County, California. The document was developed by the Department of Navy (DON) in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 as amended by the Superfund Amendments and Reauthorization Act of 1986, and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). This decision is based on the administrative record files for these sites. An administrative record index for both sites is included as Attachment A.

The State of California (through the California Environmental Protection Agency, Department of Toxic Substances Control, and the Santa Ana Regional Water Quality Control Board) and the United States Environmental Protection Agency (U.S. EPA) concur on the selected remedy.

ASSESSMENT OF SITE

Actual or threatened releases of hazardous substances from Sites 8 and 12, if not addressed by implementing the selected action discussed in this ROD, may present a current or potential threat to public health and welfare, or the environment.

DESCRIPTION OF SELECTED REMEDY

This ROD presents the final remedy for Sites 8 and 12. The final remedy addresses contaminated soil at these sites. No remediation is required for groundwater beneath Sites 8 and 12 since environmental investigations conducted at these sites concluded that contamination is generally limited to shallow soil (0 to 10 feet below ground surface [bgs]) and groundwater present at approximately 95 to 120 feet bgs is not a medium of concern.

Sites 8 and 12 were divided into units based on physical characteristics and activities performed in each portion of the sites. Dividing the sites into units also allowed the DON to plan actions most appropriate for each part of an entire site. Site 8 was divided into five units (Units 1, 2, 3, 4, and 5) and Site 12 was divided into four units (Units 1, 2, 3, and 4).

No action is selected for Site 8, Units 2 and 5; and Site 12, Units 1, 2, and 4 because concentrations of contaminants in soil are low, and risks to human health and the environment are within the risk management range of 10^{-4} and 10^{-6}.

Due to the types of chemicals of concern (COCs) and their concentrations in shallow soil (0 to 10 feet bgs); cleanup is proposed at the following units of Sites 8 and 12:

- Site 8, Unit 3 – Removal of non-radiologically contaminated soil,
- Site 12, Unit 3 – Removal of non-radiologically contaminated soil, and
- Site 8, Units 1 and 4 – Removal of radiologically (radium-226 [Ra-226]) contaminated soil.

The selected remedy will include excavation of contaminated soil at Site 8, Units 1, 3, and 4; and Site 12, Unit 3, and disposal at an appropriate off-Station disposal facility. Once the areas have been excavated, verification sampling will be performed to confirm that the contaminated soil posing unacceptable risk to human health has been removed. Following remedial action, exposure levels at the sites will be reduced to protective chemical-specific applicable or relevant and appropriate regulatory requirements, and to within the risk management range of 10^{-4} and 10^{-6} for carcinogens, and the hazard index of approximately 1 for non-carcinogens. The selected remedy at Site 8, Units 1 and 4 will attain the United States Nuclear Regulatory Commission's dose standard due to exposure to Ra-226 of 25 millirems per year. Additionally, the residual Ra-226 concentrations following cleanup at Site 8, Units 1 and 4 will be reduced to levels as low as reasonably achievable (ALARA) per the requirements of Title 10 of the Code of Federal Regulations Section 20.1402. The selected remedy would allow for unrestricted use of all portions of Sites 8 and 12. No monitoring or reuse restrictions will be required at any units because hazardous substances will not remain on-site above health-based levels.

STATUTORY DETERMINATIONS

The selected remedy for Site 8, Units 1, 3, and 4; and Site 12, Unit 3 is protective of human health and the environment, complies with Federal and State requirements that are applicable or relevant and appropriate to the remedial action, and is cost-effective. This remedy utilizes permanent solutions and alternative treatment (or resource recovery) technologies to the maximum extent practicable. The remedy does not satisfy the statutory preference for treatment as a principal element of the remedy. Although the selected remedy does not employ treatment, the possibility of contact with contaminated soil will be eliminated because the soil will be excavated and disposed off-Station at a permitted facility.

No remedial action is necessary to protect human health and the environment at Site 8, Units 2 and 5; and Site 12, Units 1, 2, and 4.

Since the selected remedy will not result in hazardous substances, pollutants, or contaminants remaining at levels above those that allow for unlimited use and unrestricted exposure at any unit of Site 8 or Site 12, a 5-year review under CERCLA Section 121(c) will not be required for this remedial action.

RECORD OF DECISION DATA CERTIFICATION CHECKLIST

The following information is included in the Decision Summary section of this ROD:

- Chemicals of potential concern (COPCs), COCs, and their respective concentrations (Section 5.2).
- Human health risks represented by the COPCs (Section 7).
- Cleanup levels established for the COCs and the basis for these levels (Section 9.3).
- Current and reasonably anticipated future land use assumptions used in the human health risk assessment and ROD (Sections 6 and 7).

- Potential land use that will be available at the site as a result of the Selected Remedy (Section 11). Since the only medium of interest for the Selected Remedy at Sites 8 and 12 is shallow soil, a discussion of future beneficial uses of groundwater used in the risk assessment and potential groundwater use available following implementation of the Selected Remedy is not provided.
- This ROD does not describe how source materials constituting principal threats will be addressed, since wastes identified at Sites 8 and 12 do not meet the definition of principal threat waste.
- Estimated capital, annual operation and maintenance, and total present worth costs for the selected remedy (Section 11).
- Key factors that led to selecting the remedy (Section 10).

This signature sheet documents the Navy's and U.S. EPA's co-selection of the remedial actions in this ROD for Sites 8 and 12 at Former MCAS El Toro of no further action for groundwater at the two sites; no further action for soil at Site 8, Units 2 and 5 nor at Site 12, Units 1, 2, and 4; and remedial action for shallow soil at Site 8, Units 1, 3, and 4 and Site 12, Unit 3; and the State of California, by the Department of Toxic Substances Control's and Santa Ana Regional Water Quality Control Board's concurrence with the ROD.
The respective parties may sign this sheet in counterparts.

AUTHORIZING SIGNATURES

Signature: _____ Date: 03/12/07

Mr. Darren Newton
Base Realignment and Closure Environmental Coordinator
Former Marine Corps Air Station El Toro

Signature: _____ Date: 5/8/07

Ms. Kathleen H. Johnson, Chief
Federal Facility and Site Cleanup Branch
United States Environmental Protection Agency, Region 9

The State of California, Department of Toxic Substances Control had an opportunity to review and comment on this Record of Decision and the Department of Toxic Substances Control comments were addressed.

Signature: _____ Date: _____

Mr. John E. Scandura, Chief
Southern California Operations, Office of Military Facilities
California Environmental Protection Agency
Department of Toxic Substances Control

Signature: _____ Date: _____

Mr. Gerard Thibeault, Executive Officer
California Regional Water Quality Control Board
Santa Ana Region

Decision Summary

ACRONYMS AND ABBREVIATIONS

4-4'-DDT	4,4'-dichlorodiphenyltrichloroethane
§	Section
ALARA	as low as reasonably achievable
ARAR	applicable or relevant and appropriate requirement
BCT	BRAC Cleanup Team
Bcy	bank cubic yards
Bgs	below ground surface
BMP	best management practice
BNI	Bechtel National, Inc.
BRAC	Base Realignment and Closure
Cal. Code Regs.	California Code of Regulations
Cal/EPA	California Environmental Protection Agency
CDM	Camp Dresser & McKee
CDMG	California Division of Mines and Geology
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
C.F.R.	Code of Federal Regulations
CSF	cancer slope factor
COC	chemical of concern
COPC	chemical of potential concern
Cpm	counts per minute
CSM	conceptual site model
DandD	Decommissioning and Decontamination (U.S. NRC software)
DCGL	derived concentration guideline level
DON	Department of the Navy, United States
DOT	Department of Transportation, California
DRMO	Defense Reutilization and Marketing Office
DTSC	Department of Toxic Substances Control
EPC	exposure point concentration
FFA	Federal Facility Agreement
FS	feasibility study
GPS	global positioning system
HHRA	human health risk assessment
HI	hazard index
HRA	Historical Radiological Assessment
IRP	Installation Restoration Program
IWWTP	industrial wastewater treatment plant
JEG	Jacobs Engineering Group, Inc.
JMM	James M. Montgomery Engineers, Inc.
LDR	land disposal restriction
LIFOC	Lease in Furtherance of Conveyance
MCAS	Marine Corps Air Station
MCPP	2-(2-methyl-4-chlorophenoxy)-propionic acid
mg/kg	milligrams per kilogram
Mrem/y	millirems per year
MSL	mean sea level
NaI	sodium iodide
NCP	The National Oil and Hazardous Substances Pollution and Contingency Plan
NFA	no further action

NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRC	Nuclear Regulatory Commission, United States
OHM/IT	OHM Remediation Services, Corp./International Group
OU	operable unit
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
pCi/g	picocurie per gram
PPE	personal protective equipment
PRG	preliminary remediation goal
Ra- 226	radium 226
RAB	Restoration Advisory Board
RACER	Remedial Action Cost Engineering Requirements
RAO	remedial action objective
RBC	risk-based concentration
RCRA	Resource Conservation and Recovery Act
RESRAD	Residual Radioactivity (model)
RfD	reference dose
RI	remedial investigation
RME	reasonable maximum exposure
ROD	Record of Decision
RWQCB	Regional Water Quality Control Board, Santa Ana Region
SAF/FMC	Secretary of the Air Force/Financial Management and Comptroller
SCAQMD	South Coast Air Quality Management District
SIP	State Implementation Plan
SEA	site evaluation accomplished
SVOC	semivolatile organic compound
SWPPP	Storm Water Pollution Prevention Plan
TAL	target analyte list
TBC	to be considered
TCLP	Toxicity Characteristic Leaching Procedure
TEDE	total effective dose equivalent
tit.	Title
TPH	total petroleum hydrocarbons
TRPH	total recoverable hydrocarbons
UCL	upper confidence level
UMTRCA	Uranium Mill Tailings Radiation Control Act
U.S.	United States
U.S.C.	United States Code
U.S. EPA	United States Environmental Protection Agency
VOC	volatile organic compound
Weston	Weston Solutions, Inc.
WL	working level
WWTP	wastewater treatment plant

1. SITE NAME, LOCATION AND DESCRIPTION

This Record of Decision (ROD) presents the remedial action selected by the Department of the Navy (DON) for the Installation Restoration Program (IRP) Sites 8 and 12, at Former Marine Corps Air Station (MCAS) El Toro, located in Orange County, California. This document was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 as amended by the Superfund Amendments and Reauthorization Act of 1986, 42 *United States Code* (U.S.C.) Section 9602 et. seq., and in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 *Code of Federal Regulations* (C.F.R.) Part 300 et. seq. This decision is based on the administrative record files for Sites 8 and 12. An administrative record index for both sites is included as Attachment A.

1.1 SITE NAME AND IDENTIFICATION NUMBER

The Navy IRP site numbers and names for the sites addressed in this ROD are:

- Site 8, Defense Reutilization and Marketing Office (DRMO) Storage Area
- Site 12, Sludge Drying Beds

Both these sites are within Operable Unit (OU)-3A at Former MCAS El Toro. The National Superfund electronic database identification number for Former MCAS El Toro is CA6170023208.

1.2 SITE LOCATION

Former MCAS El Toro is situated in south-central Orange County, California, approximately 8 miles southeast of Santa Ana and 12 miles northeast of Laguna Beach (Figure 1-1). Sites 8 and 12 are located in the southwest quadrant of Former MCAS El Toro (Figure 1-2).

1.3 SITE DESCRIPTION

Former MCAS El Toro provided material and support for Marine Corps aviation activities until the Station was closed in July 1999, as a part of the Base Closure and Realignment Act. At its maximum acreage, the Station comprised about 4,740 acres. In February 2005, the DON transferred major portion of the Station via public auction to a private developer.

Site 8 was formerly a DRMO storage area for containerized liquids, and scrap and salvage materials from Former MCAS El Toro and Former MCAS Tustin. The scrap materials included mechanical and electrical components and various types of liquids. Site 8 is bounded by South Marine Way to the northeast, Q Street to the northwest, Building 360 to the southwest, and Building 800 to the southeast (Figure 1-3). Site 8 comprises two distinct but adjacent areas bisected by R Street: an old salvage yard and a main storage yard. These two areas are subdivided into the following five separate units (JEG 1993):

- Unit 1, East Storage Yard
- Unit 2, West Storage Yard
- Unit 3, Refuse Pile Area (the location of a former refuse pile within the West Storage Yard)
- Unit 4, Polychlorinated Biphenyl (PCB) Spill Area (located within the east storage yard)
- Unit 5, Old Salvage Yard

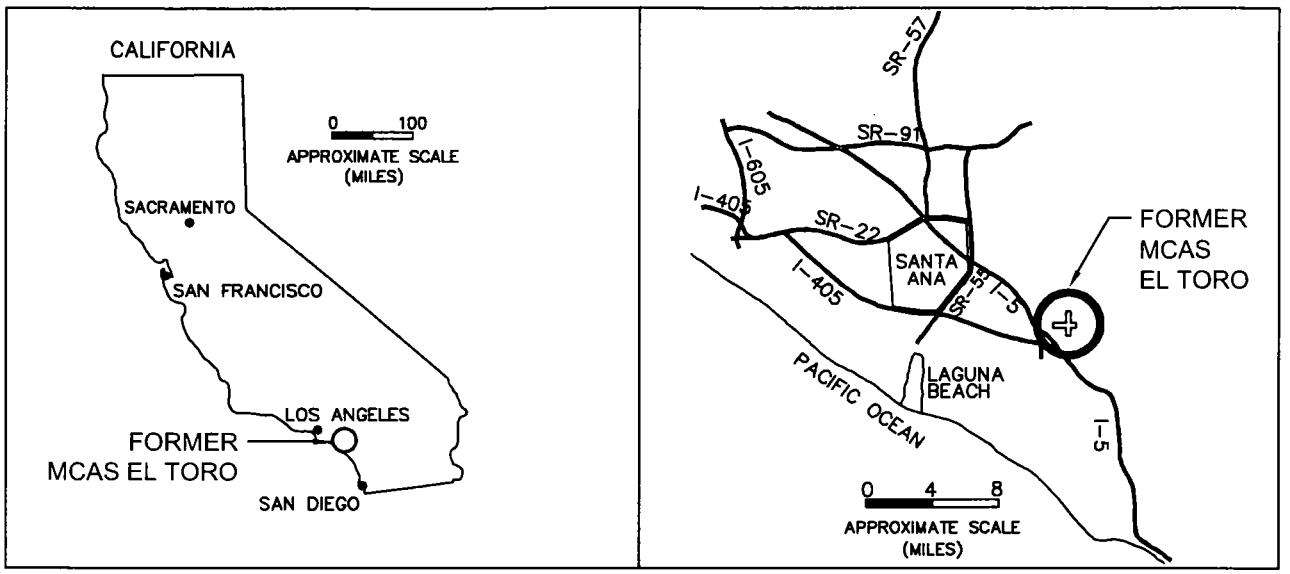
Site 12 is located near Plant Road, South Marine Way, and Bee Canyon Wash (Figure 1-4). Site 12 consists of the following four units:

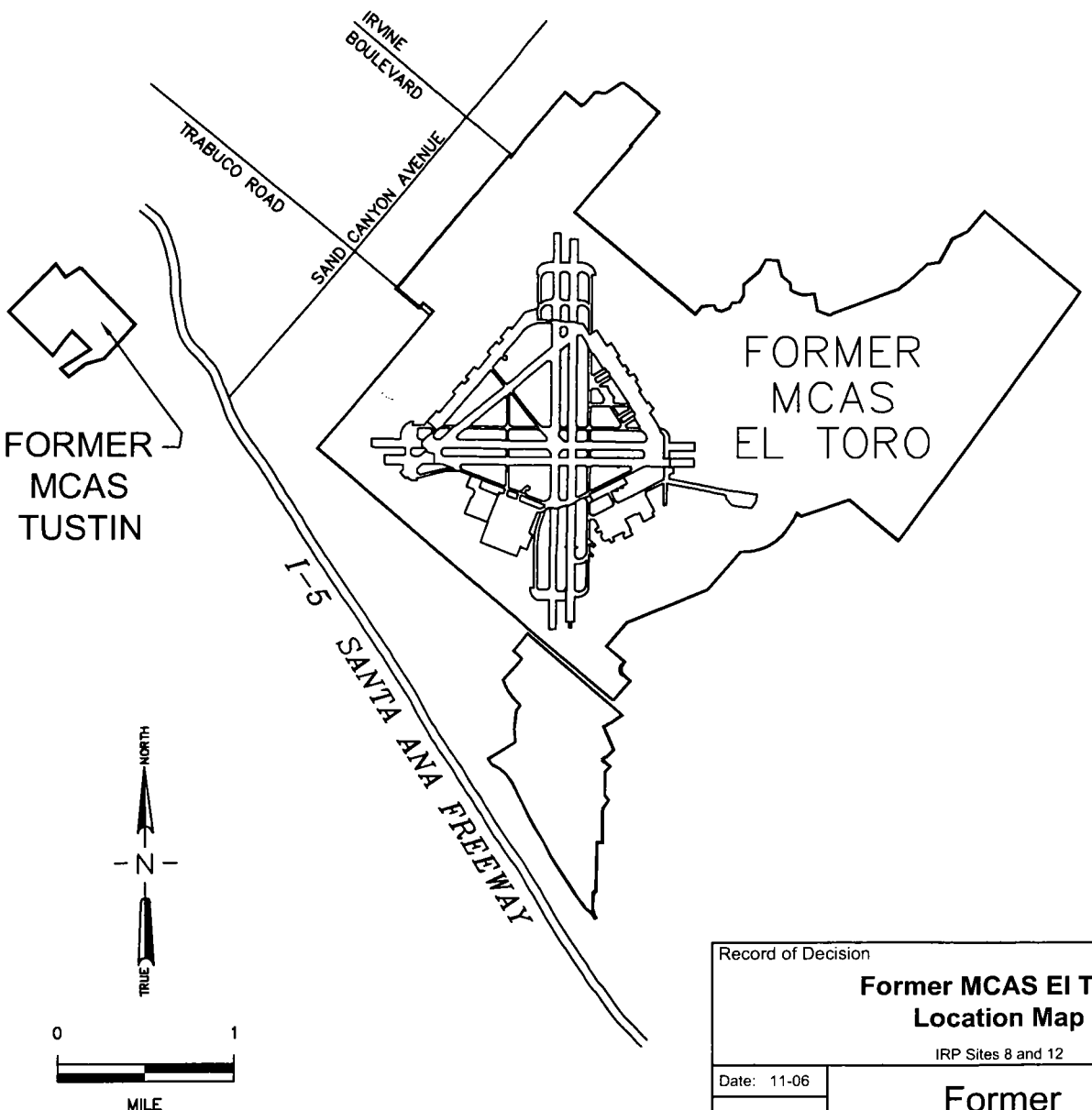
- Unit 1, the former location of the west sludge-drying beds
- Unit 2, the former location of the east sludge-drying beds
- Unit 3, a drainage ditch
- Unit 4, the location of former wastewater treatment plants (WWTPs)

The east and west sludge-drying beds (Units 1 and 2) consisted of multi-celled, sand infiltration beds surrounded by a 4-foot-high earthen berm. The drainage ditch (Unit 3) was an unimproved earthen channel that skirted both sludge-drying bed areas and terminated at Bee Canyon Wash. The WWTP area included eight concrete aboveground treatment tanks and a pump building. The industrial wastewater treatment plant (IWWTP), located immediately east of the WWTP, included two aboveground tanks and a sludge sump. The IWWTP treated waste liquids generated during metal plating operations that occurred primarily at Buildings 295, 296, 297, and 324. Industrial sewer lines are believed to have brought processed liquid to the IWWTP. Effluent lines ran from the IWWTP to the WWTP. The IWWTP reportedly operated for only a brief period in 1945-1946. By 1961, the IWWTP had been dismantled. Sludge lines also ran from the IWWTP and WWTP to the east and west sludge-drying beds (Units 1 and 2) where sludge was dewatered.

1.4 Lead and Support Agencies

With the inclusion of Former MCAS El Toro into the National Priorities List (NPL) of the Superfund Program, the DON entered into a Federal Facility Agreement (FFA) with the United States Environmental Protection Agency (U.S. EPA) Region IX, and the State of California represented by the Department of Health Services, Toxic Substances Control Program, and the Regional Water Quality Control Board, Santa Ana Region (RWQCB). The Department of Toxic Substances Control (DTSC) is a successor to the Department of Health Services, Toxic Substances Control Program and currently works with the DON to implement FFA. As a lead agency, the DON is responsible for remedial investigation and remedial action at Former MCAS El Toro. Regulatory agencies providing support and oversight include the U.S. EPA, the DTSC, and the RWQCB.





Record of Decision		Draft Final
Former MCAS El Toro Location Map		
IRP Sites 8 and 12		
Date: 11-06	Former MCAS El Toro	Figure 1-1
Project No. 29307		

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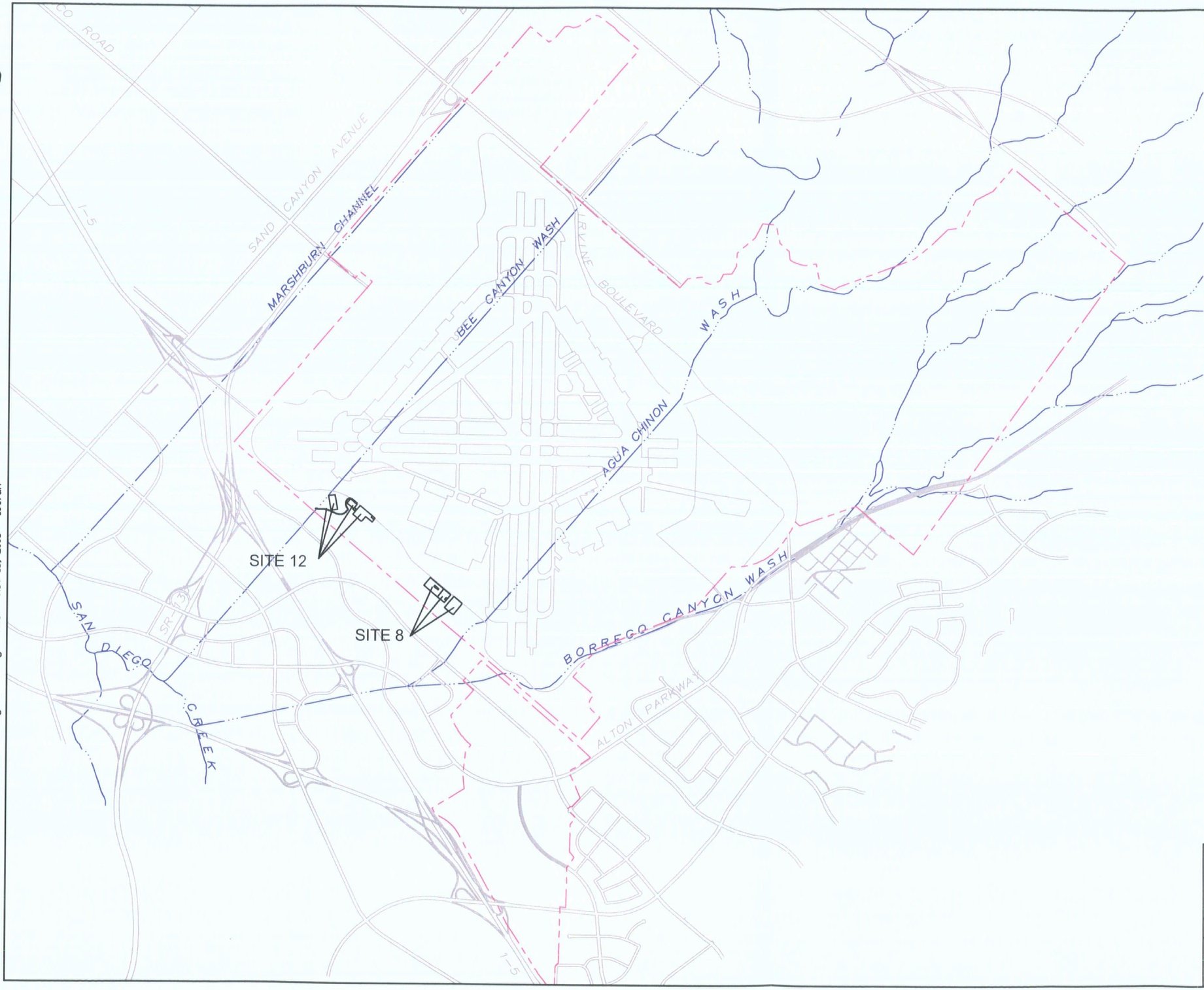

LEGEND:

- ROAD
- FREEWAY
- MCAS EL TORO BOUNDARY
- STREAM OR WASH
- IRP SITE

NOTE:

SOURCE: DRAFT RECORD OF DECISION, SITES 8, 11, AND 12 (DON 1999b)

NORTH

0 1,250 2,500 FEET

SCALE: 1"= 2,500'

Record of Decision		Draft Final
Site Location Map		
IRP Sites 8 and 12		
Date: 11-06	Former MCAS El Toro	Figure 1-2
Project No. 29307		

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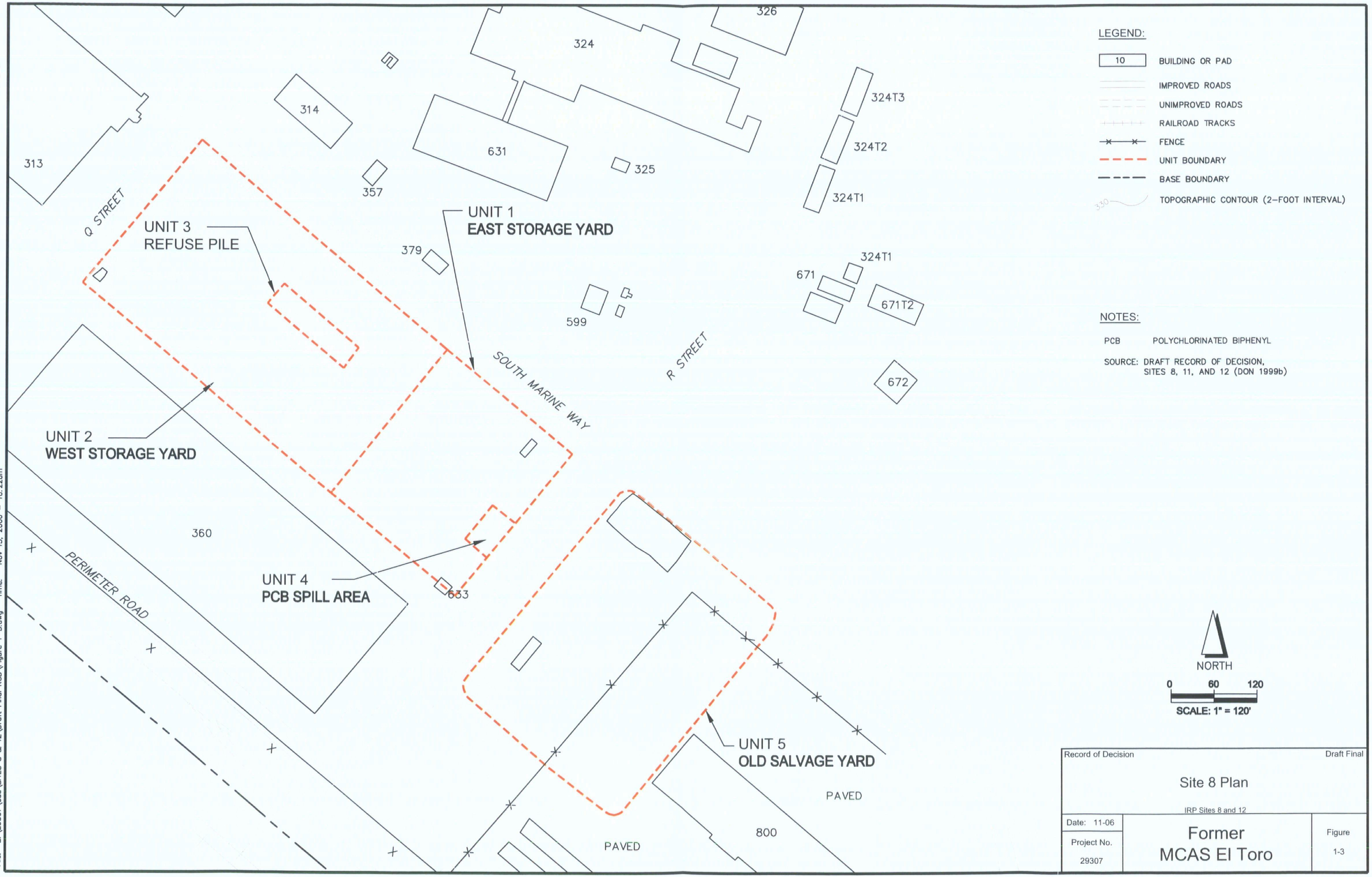
326
324
314
631
325
324T3
324T2
324T1
313
357
Q STREET
UNIT 3
REFUSE PILE
UNIT 1
EAST STORAGE YARD
379
599
671
324T1
671T2
R STREET
SOUTH MARINE WAY
672
UNIT 2
WEST STORAGE YARD
360
PERIMETER ROAD
UNIT 4
PCB SPILL AREA
633
UNIT 5
OLD SALVAGE YARD
PAVED
800
PAVED
LEGEND:
10 BUILDING OR PAD
IMPROVED ROADS
UNIMPROVED ROADS
RAILROAD TRACKS
FENCE
UNIT BOUNDARY
BASE BOUNDARY
330 TOPOGRAPHIC CONTOUR (2-FOOT INTERVAL)
NOTES:
PCB POLYCHLORINATED BIPHENYL
SOURCE: DRAFT RECORD OF DECISION, SITES 8, 11, AND 12 (DON 1999b)
NORTH
0 60 120
SCALE: 1" = 120'
Record of Decision
Draft Final
Site 8 Plan
IRP Sites 8 and 12
Date: 11-06
Project No. 29307
Former MCAS El Toro
Figure 1-3
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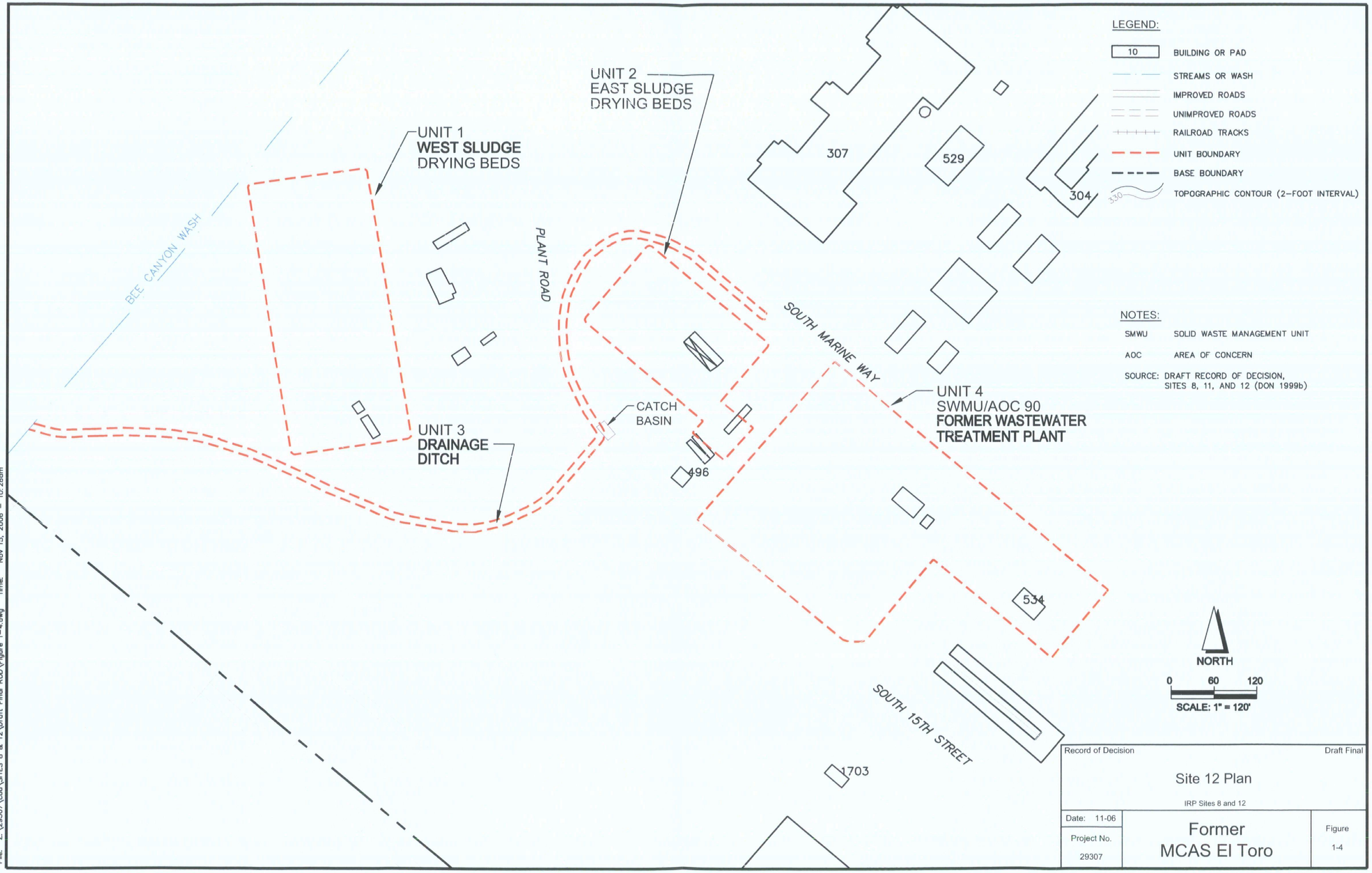
UNIT 1
WEST SLUDGE
DRYING BEDS
UNIT 2
EAST SLUDGE
DRYING BEDS
UNIT 3
DRAINAGE
DITCH
UNIT 4
SWMU/AOC 90
FORMER WASTEWATER
TREATMENT PLANT
CATCH
BASIN
BEE CANYON WASH
PLANT ROAD
SOUTH MARINE WAY
SOUTH 15TH STREET
307
529
304
496
534
1703
LEGEND:
10 BUILDING OR PAD
STREAMS OR WASH
IMPROVED ROADS
UNIMPROVED ROADS
RAILROAD TRACKS
UNIT BOUNDARY
BASE BOUNDARY
330 TOPOGRAPHIC CONTOUR (2-FOOT INTERVAL)
NOTES:
SMWU SOLID WASTE MANAGEMENT UNIT
AOC AREA OF CONCERN
SOURCE: DRAFT RECORD OF DECISION, SITES 8, 11, AND 12 (DON 1999b)
NORTH
0 60 120
SCALE: 1" = 120'
Record of Decision
Draft Final
Site 12 Plan
IRP Sites 8 and 12
Date: 11-06
Project No. 29307
Former MCAS El Toro
Figure 1-4
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2. SITE HISTORY AND ENFORCEMENT ACTIVITIES

2.1 STATION HISTORY

Former MCAS El Toro was commissioned in March 1943 as a Marine Corps pilot fleet operation training facility. 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. The Station mission involved the operation and maintenance of military aircraft and ground-support equipment. These activities generated oils, solvents, paint residues, hydraulic fluid, used batteries, and other wastes (MCAS El Toro 1991). Wastes were placed in unlined on-Station landfills and burned or covered with soil. In some cases, wastes were released to the ground directly as the result of spills or dust-suppression activities.

Environmental remediation activities at Former MCAS El Toro are being performed under the IRP. The purpose of the DON IRP is to reduce the risk to human health and the environment from past waste disposal operations and hazardous material spills from DON activities in a cost-effective manner consistent with the Defense Environmental Restoration Program requirements (DON 2001a).

In June 1988, the U.S. EPA recommended adding Former MCAS El Toro to the NPL of the Superfund Program sites because of volatile organic compounds (VOCs) groundwater contamination at the Station boundary and in the agricultural wells west of the Station. Former MCAS El Toro was added to the NPL on 15 February 1990. In October 1990, the Marine Corps/DON signed a FFA with the EPA Region 9, the California Department of Health Services, and the State Water Resources Control Board (FFA 1990). The FFA is a cooperative agreement that:

- assures environmental impacts are investigated and appropriate response actions are taken to protect human health and the environment;
- establishes a procedural framework and schedule for developing, implementing, and monitoring appropriate response actions;
- facilitates cooperation, exchange of information, and participation of the parties; and
- assures adequate assessment, prompt notification, and coordination between Federal and State agencies.

Implementation of the FFA is included as one of the responsibilities of the Base Realignment and Closure (BRAC) Cleanup Team (BCT). The BCT consists of representatives from the DON, U.S. EPA, the DTSC, a successor to the California Department of Health Services, Toxic Substances Control Program, and the RWQCB. The team was established to manage and coordinate environmental restoration and compliance programs related to the closure of Former MCAS El Toro by 1999. The BCT's mission is fast-track remediation of Former MCAS El Toro to promote reuse and protect human health and the environment by working cooperatively with the community and stakeholders.

In March 1993, Former MCAS El Toro was placed on the BRAC III list of military facilities considered for closure. Under the terms of the FFA, Station closure would not affect the DON's obligation to investigate site contamination or to comply with the other requirements of the FFA (FFA 1990, Section 37, Base Closure).

During the Phase I remedial investigation (RI) conducted pursuant to CERCLA, a total of 22 IRP sites were identified for environmental investigations. These sites were grouped into three OUs. OU-1 consisted of the regional VOC groundwater plume and included groundwater at Site 18 and

throughout Former MCAS El Toro, including the area later defined as Site 24. OU-2 included the four landfill sites, Sites 2, 3, 5, and 17, and Site 10, the petroleum disposal area (this site was later moved to OU-3). The remaining 16 sites (Sites 1, 4, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 19, 20, 21, and 22) were grouped together as OU-3. Subsequent to the Phase I RI, two new sites were added to the IRP, Sites 24 (VOC Source Area) and 25 (Major Drainages). For the Phase II RI, OU-3 was divided into two parts: OU-3A, comprising Sites 4, 6, 8, 9, 10, 11, 12, 13, 15, 19, 20, 21, and 22, and OU-3B, comprising Sites 1, 7, 14, and 16. Since 1985, various stationwide and site-specific environmental investigations and enforcement actions have been conducted at Former MCAS El Toro. These investigations and enforcement actions may be broadly classified into following categories:

- Investigations conducted as a part of CERCLA or Resource Conservation and Recovery Act to assess the nature and extent of environmental contamination, and risks to human health and the environment. These investigations have included site-specific RIs, soil and groundwater sampling, historical radiological assessment, and radionuclide investigations for soil and groundwater.
- Investigations conducted to assess the background concentration of metals in soils and reference levels for pesticides and herbicides in soils.
- Studies documenting evaluation and selection of response actions including site-specific feasibility studies (FSs), treatability studies, and RODs.
- Site-specific Remedial Design/Remedial Action work plans documenting the design and implementation plan for remedial actions at IRP sites.
- Remedial action reports documenting the completion of remedial action and achievement of cleanup goals.
- Reports documenting environmental conditions of property to support the property transfer process .

2.2 Sites 8 and 12 History

This section presents historical information for Sites 8 and 12 including activities that may have led to release of hazardous substances at the sites. In addition, this section presents a history of environmental investigations conducted to address non-radiological and radiological constituents at Sites 8 and 12.

2.2.1 Site 8 History

Site 8 was used as a storage yard from the early years (late 1940s) of the Station operation. During its operation as a storage area for containerized liquids and scrap, liquids such as lubrication oil, fuels, and solvents may have spilled or leaked, impacting the shallow soil at the site. Soil at the site has also been impacted by the spillage of PCB contaminated oil from scrap electrical components. The Phase I RI Report documented that in 1984, approximately 5 gallons of PCB-containing oil were spilled from a leaking electrical console in a small area at the east end of the main storage yard (JEG 1993). PCB-contaminated soil in the spill area (approximately 1,500 square feet) was excavated to a depth of 1 foot below grade. A hazardous waste contractor transported the excavated soil to an offsite disposal facility. No other spills have been documented at the site.

The Phase II RI report (BNI 1997a) documented that a refuse pile (Unit 3) was observed near the center of the main storage yard on aerial photographs dating back to 1952. This refuse pile remained visible in aerial photographs through 1990. The pile was removed and disposed of prior to initiation

of the Phase I RI in 1991. In December 1993, the top 2 feet of the soil beneath the refuse pile was excavated and removed from Site 8 by a paving contractor. This soil was placed in a 15-foot deep excavation (pit) at Unit 2 of IRP Site 19.

2.2.2 Site 12 History

The WWTP at Site 12 ceased operation in the early 1970s and was demolished a few years later. The IWWTP was dismantled by 1961 (JEG 1993). Data collected during the Phase II RI suggest that the aboveground concrete treatment tanks were demolished in place and then covered with approximately 5 to 7 feet of fill material. The sludge produced at this facility was dewatered in the two drying bed areas (east and west). After the plant closed, the sludge remaining in the drying beds was reportedly abandoned in place. The earthen berms surrounding the sludge beds were combined with imported fill material and graded in place.

The drainage ditch (Unit 3) at Site 12 is an unimproved earthen channel that skirted both sludge-drying bed areas into a catch basin located north of Plant Road, which connects to the lower reach south of Plant Road via concrete culverts.

2.2.3 History of Non-Radiological Investigations

This section presents the investigation activities and documents prepared to address non-radiological contamination including VOCs, semivolatile organic compounds (SVOCs), pesticides, PCBs, total petroleum hydrocarbons (TPH), total recoverable petroleum hydrocarbons (TRPH), herbicides, and target analyte list (TAL) metals at Sites 8 and 12. The history of investigations conducted to identify the nature and extent of radiological contamination at Site 8 are presented in Section 2.2.4.

In 1992 and 1993, the remedial action evaluation process was started for Sites 8 and 12 with a Phase I RI (JEG 1993). Subsequent to the Phase I RI, a Phase II RI was conducted from 1995 through 1997 for Sites 8 and 12 in conjunction with other operable unit (OU)-3A site (Site 11) (BNI 1997a). The Phase II RI Report for OU-3A sites (Sites 8, 11, and 12) provided an interpretation of the nature and extent of non-radiological contamination at Sites 8 and 12 based on the review of data obtained from an aerial photograph survey, and soil sampling and analysis conducted as a part of the Phase I and Phase II RIs. The site characterization information obtained from the Phase I and Phase II RIs was used to complete a FS for Sites 8 and 12 in July 1997 (BNI 1997b). The FS identified and evaluated the alternatives that could be potentially used to remediate non-radiological chemicals of potential concern (COPCs) (e.g., PCBs and polynuclear aromatic hydrocarbons [PAHs]) at the site. Based on the results of the FS, a Proposed Plan (in conjunction with Site 11) was released for public comment for Site 8, Units 3 and 5; and Site 12, Unit 3 in May 1999 (DON 1999a). The Proposed Plan identified Alternative 3, excavation, with recycling of the excavated soil as cover material at the on-Station Sites 2 and 17 landfills, as the preferred alternative for the portions of the sites contaminated with non-radiological chemicals. Off-Station disposal of contaminated soil was also presented as a disposal option. The Proposed Plan recommended no further action at Units 1, 2, and 4 of Sites 8 and 12.

Following issuance of the Proposed Plan, a Draft ROD was prepared for Sites 8 and 12 in combination with other OU-3A site (Site 11) at Former MCAS El Toro (DON 1999b). This Draft ROD selected no further action (NFA) for Site 8, Units 1, 2, and 4 and further action for Site 8, Units 3 and 5. For Site 12, this ROD selected NFA for Site 12, Units 1, 2, and 4 and further action at Site 12, Unit 3.

The selected remedy for Site 8, Units 3 and 5; and Site 12, Unit 3 noted as Alternative 3 in the Draft ROD consisted of excavation of non-radiologically contaminated soil with recycling of excavated

soil as cover material at the on-Station Site 2 or 17 landfills. The remedy included confirmation sampling after excavation to ensure that the contaminated soil exceeding the residential risk-based concentrations (RBCs) for the non-radiological chemicals of concern (COCs) (e.g., PCBs and PAHs) at each area has been removed. The RBCs were calculated based on the risk assessment conducted as a part of the Phase II RI.

As a part of activities conducted following the release of the Draft ROD, the human health risk assessment (HHRA) conducted during the Phase II RI was reviewed in detail. The review showed that several exposure factors and toxicity indices used to derive the risk estimates were not current, based on a comparison with those used by Region 9 of the U.S. EPA in the development of its preliminary remediation goal (PRG) table (U.S. EPA 2000a). It was also determined that the data from additional soil sampling conducted in May 1999 (subsequent to the Phase II RI) at Site 8, Unit 5 and Site 12, Unit 3 (OHM/IT Group 1999) should also be incorporated into the risk assessment and the calculation of the RBCs. Thus, a risk reevaluation was conducted, utilizing all the available data and the Cal/EPA and U.S. EPA Region 9 toxicity information and exposure factors for the year 2000 (Earth Tech 2003a).

In general, the results of the updated HHRA indicated lower risks than the Phase II RI risk assessment values. Based on the updated cancer and noncancer risk values, the report concurred with the NFA recommendation in the Draft ROD for Units 1, 2, and 4 of both Sites 8 and 12 for non-radiological contaminants (DON 1999b). For Site 8, Units 3 and 5; and Site 12, Unit 3, a reevaluation of the response action documented in the Draft ROD based on the updated site risks and risk management considerations was recommended.

Subsequent to the preparation of the FS and Draft ROD, investigations to assess the nature and extent of potential radiological contamination were completed. The history of these investigations is presented in the following sections.

2.2.4 History of Radiological Evaluation

Subsequent to the preparation of the FS and Draft ROD, a radiological evaluation of Sites 8 and 12 was conducted as a part of the stationwide Historical Radiological Assessment (HRA) for Former MCAS El Toro in 1999 and 2000 (Weston 2000). The purpose of the HRA was to identify potential, likely, or known sources of radioactive material and radioactive contamination based on existing or derived information and to identify sites that need further action as opposed to those posing no threat to human health. As a part of HRA, interviews, records review, site inspections, and limited informal surveys were conducted at Former MCAS El Toro. Based on these investigations, the HRA recommended further investigation, including radiological surveys at Sites 8 and 12. For Site 8 this recommendation was based on an employee interview which indicated that small quantities of radium painted parts and gauges may have been stored at Site 8. Site 12 was considered potentially impacted since former IWWTP and sludge drying beds were located downstream of Building 296 (former location of radium room), and processed effluent from the Station buildings connected to the industrial waste sewer system (Weston 2000). Subsequent to the issuance of the HRA, on-site radiological characterization surveys and sampling were conducted at Sites 8 and 12 in June through November 2001 and in March 2004. These investigations were performed in accordance with the Radiological Survey Plan (Weston 2001) and the Radiological Sampling Amendment (Weston 2003).

An analysis of data obtained from radiological surveys and soil sampling indicated that locations with radium 226 (Ra-226) concentrations greater than background levels are present at Units 1 and 4 of Site 8. However, Ra-226 concentrations were found to be consistent with the background concentrations at Site 12, and Units 2, 3, and 5 of Site 8. Therefore, a radiological release report was

issued for Site 12, and Units 2, 3, and 5 of Site 8 in conjunction with IRP Site 25 (Bee Canyon Wash Outfall) (Weston 2004). Based on the statistical analyses of the Ra-226 data, and risk and dose assessments, this report concluded that the occurrence and distribution of Ra-226 at Units 2, 3, and 5 of Site 8 and Site 12 are consistent with ambient concentrations. Therefore, a Site Evaluation Accomplished (SEA) recommendation was made for Units 2, 3, and 5 of Site 8 and Site 12 (Weston 2004). The SEA recommendation denotes that the CERCLA requirement for the site evaluation of radionuclides has been accomplished, and radionuclides will be removed from the list of COPCs and further consideration under CERCLA at Units 2, 3, and 5 of Site 8 and Site 12. However, since locations with higher than background concentrations of Ra-226 were found at Units 1 and 4 of Site 8, these units were selected for further response action under CERCLA.

3. COMMUNITY PARTICIPATION

A community relations plan (Brown and Caldwell 2005) was developed to document concerns identified during community interviews and to provide a detailed description of the community relations activities planned in response to information received from the community. Initially prepared in 1991, the Plan was revised and updated in 1993, 1996, and 2005 to incorporate the most recent assessment of community issues, concerns, and informational needs about the ongoing environmental investigation and remediation program at Former MCAS El Toro.

The community relations program includes specific activities for obtaining community input and keeping the community informed. These activities include conducting interviews, holding public meetings, issuing fact sheets to provide updates on remediation activities, maintaining an information repository where the public can access technical documents and program information, disseminating information to the local and regional media, and making presentations to local groups.

Community members and local governmental agencies have also participated in planning for the reuse of Former MCAS El Toro through development of the Community Reuse Plan.

3.1 RESTORATION ADVISORY BOARD

In 1994, establishment of the Restoration Advisory Board (RAB) gave individuals from local communities a channel for increasingly significant participation in the environmental restoration process. Original membership in the board, which was solicited by the Marine Corps and the DON through paid newspaper notices, exceeded 50 business and homeowners' representatives, local elected officials, local regulatory agencies, and interested residents.

RAB meetings occur every two months and are scheduled in the evenings after normal working hours (6:30 to 9:00 p.m.) at the city of Irvine City Hall, Conference and Training Center. The meetings are open to the public and include representatives from the DON, city and county offices, and regulatory agencies. By sharing information from the regular meetings with the groups they represent, RAB members help increase awareness of the IRP process; in addition, members of the public can contact RAB members to obtain information or express concerns to be discussed at subsequent meetings. The OU-3A sites have been discussed at several RAB meetings.

Copies of the RAB meeting minutes are available at Former MCAS El Toro Information Repository, located at the Heritage Park Regional Library in Irvine, California. RAB meeting minutes are also located on the Navy BRAC website: www.navybracpmo.org.

3.2 PUBLIC MAILINGS

Public mailings, including information updates, fact sheets, and proposed plans, have been used to ensure an even broader dissemination of information within the local community. The first information update announcing the IRP process at Former MCAS El Toro was delivered in November 1991 to area residents and mailed to city, State, and Federal officials; agencies; local groups; and individuals identified in the Community Relations Plan. As significant remediation milestones occurred, subsequent fact sheets were mailed to the community. These publications have included information concerning the status of site investigations, the upcoming remedy selection process, ways the public can participate in the investigation and remediation of Former MCAS El Toro, and the availability of the administrative record for review.

Proposed Plans are summaries of remedial alternatives proposed for a site or group of sites. The Plan describes each of the alternatives, evaluates each alternative against nine criteria, and identifies the

preferred alternative. This document is issued to the public prior to the beginning of a public comment period to provide information and solicit public input on the potential remedial options that underwent detailed evaluation. Once the public comment period closes, the comments are compiled, reviewed by the BCT, and used to refine the remedial action. The final decision and response to comments (known as a "Responsiveness Summary") are presented in this ROD.

To reach as many community members as possible, the updates, fact sheets, and proposed plans are mailed to approximately 600 households, businesses, public officials, and agencies. Copies are also made available at the information repository at Heritage Park Library and in the administrative record file at Former MCAS El Toro.

3.3 Community Participation for Sites 8 and 12

The following documents covering remedial and radiological investigations, and feasibility studies at Sites 8 and 12 were released for public review and comment:

- Draft Final Phase II RI report for Sites 8, 11, and 12 issued in June 1997 (BNI 1997a).
- Draft Final FS report for Sites 8, 11, and 12 issued in June 1997 (BNI 1997b).
- Proposed Plan for Sites 8, 11, and 12 issued in May 1999 (DON 1999a).
- Final Historical Radiological Assessment for Former MCAS El Toro issued in May 2000 (Weston 2000).
- Technical memorandum presenting reevaluation of human health risk for Sites 8, 11, and 12 issued in February 2003 (Earth Tech 2003a).
- Final Radiological Release Report for Site 8 (Units 2, 3, and 5), Site 12, and Site 25 issued in November 2004 (Weston 2004).
- Feasibility Study Addendum for Site 8 issued in February 2006 (Earth Tech 2006).
- Revised Proposed Plan for Sites 8 and 12 issued in March 2006 (DON 2006a).

These documents were made available to the public at the information repository maintained at the Heritage Park Regional Library in Irvine, California. The notice of availability for these documents was published in the Orange County Register and the Los Angeles Times (Orange County Edition) on 06 May 1999 and 23 March 2006. The notices also announced the availability of the Administrative Record file for review. Complete Administrative Record files are available at the Navy office located at 937 N. Harbor Drive, San Diego, California 92132, and at Former MCAS El Toro. A partial record file is available for review at the information repository. The information repository also contains a complete index of the Administrative Record file along with information about how to access the complete file at the Station.

The original and revised Proposed Plans were distributed to Former MCAS El Toro project mailing list. A public comment period for the original Proposed Plan for Sites 8, 11, and 12 was held from 08 May 1999 to 07 June 1999. The public comment on the revised Proposed Plan for Sites 8 and 12 was held from 27 March 2006 to 26 April 2006. In addition, public meetings were held on 26 May 1999 and 28 March 2006. These meetings were announced in the Orange County Register and Los Angeles Times (Orange County Edition) approximately one week prior to the meetings. At the public meeting, representatives from the DON and environmental regulatory agencies presented information about site conditions and the remedial alternatives under consideration. A court reporter recorded public comments. A copy of the transcript from the March 2006 public meeting and

responses to comments received during the public comment period are included in the Responsiveness Summary, which is part of this ROD.

4. SCOPE AND ROLE OF OPERABLE UNIT

Twenty-five IRP Sites have been investigated at Former MCAS El Toro. Twenty-four of these sites are grouped into three OUs. Site 23 was evaluated in a Resource Conservation and Recovery Act (RCRA) Facility Assessment under the FFA and, as a result, was eliminated as an environmental concern. OU-1 encompasses Site 18 (Regional VOC Groundwater Plume). OU-2 is subdivided into OU-2A, OU-2B, and OU-2C. OU-3 is subdivided into OU-3A and OU-3B.

OU-1 Site 18 was addressed in an ROD that was issued to the public in May 2002 and signed in June 2002 (DON 2002).

OU-2A, which includes Site 24 (VOC Source Area) and Site 25 (Major Drainages), was defined to address the potential sources of regional groundwater contamination. After the Phase II RI showed that Site 25 was not a source of regional groundwater contamination, the site was recommended for no action and included with several OU-3 sites in a no-action ROD that was signed in September 1997 (DON 1997a)

OU-2A Site 24 was investigated and found to contain two contaminated media, soil and groundwater. Remediation of the soil at Site 24 was addressed in an interim ROD that was signed in September 1997 (DON 1997b). The interim ROD selected soil vapor extraction as the remedy for VOC-contaminated soil. The ROD was interim because it did not address groundwater at Site 24 and because the DON agreed to reevaluate cleanup levels for soil in the final ROD. The DON completed the remedial action for soil and performed reevaluation of the cleanup goals in the Closure Report for the vadose zone of Site 24 (Earth Tech 2003b). Following regulatory concurrence on the Closure Report, the DON issued a NFA ROD for Site 24 vadose zone in January 2006 (DON 2006b). A ROD documenting the selected remedy for groundwater at Sites 18 and 24 was finalized in June 2002.

OU-2B encompasses Sites 2 and 17, and OU-2C encompasses Sites 3 and 5. Sites 2, 3, 5, and 17 are generally referred to as "the landfill sites." Sites 2 and 17 were addressed in an interim ROD that was issued to the public in April 2000 and signed in July 2000 (DON 2000). The ROD was interim since evaluation of the results of the ongoing radiological investigations was not complete at the time of its issuance and also due to the postponement of the selection of the Site 2 groundwater remedy. Remediation of groundwater at Site 2 will be addressed in the final ROD that is expected to be issued to the public in 2006. The final ROD will also contain an evaluation of the potential impact of the results of the radiological investigations on the selected remedy for Sites 2 and 17. Sites 3 and 5 will be addressed in an OU-2C ROD that is expected to be issued to the public in 2006.

OU-3 was defined to address the remaining IRP sites at Former MCAS El Toro. Of the 13 sites in OU-3A, Sites 4, 6, 9, 10, 13, 15, 20, 21, and 22 were found to present no unacceptable risks to human health or the environment, and recommended for no action based on the results of the investigations. These sites were addressed along with Site 25 in the final no action ROD (DON 1997a). OU-3A Site 11 was addressed in a ROD signed in September 1999 that documented the selected remedial action for Units 1 and 2 and included no further action for Unit 3 (DON 1999c). OU-3B Sites 7 and 14 were addressed in a no action ROD that was signed in June 2001 (DON 2001b). OU-3B Site 16 was addressed in the ROD signed in July 2003 (DON 2003a). OU-3A Sites 8 and 12 are addressed in this ROD. OU-3B Site 1 is currently being evaluated.

5. SUMMARY OF SITE CHARACTERISTICS

This section summarizes regional characteristics of Former MCAS El Toro and conceptual site models (CSMs) for Sites 8 and 12.

5.1 REGIONAL CHARACTERISTICS

Former 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. 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 southeastern end of the Los Angeles Basin, a large sedimentary basin in the Peninsular Ranges Geologic Province. The ground surface elevation at Former MCAS El Toro ranges from approximately 215 feet above mean sea level (MSL) in the western portion to approximately 800 feet above MSL in the eastern portion.

5.1.1 Geology and Hydrogeology

The Tustin Plain is a broad basin composed of Quaternary marine and alluvial sediments deposited on Tertiary marine sedimentary bedrock (Fife 1974). The Quaternary deposits are generally less consolidated and more permeable than the bedrock. The Tustin Plain is bounded by bedrock, exposed in the Santa Ana Mountains to the north and east, and in the San Joaquin Hills to the south.

The Tertiary bedrock consists of semiconsolidated marine sandstones, siltstones, and conglomerates of the Sespe, Vaqueros, Topanga, Capistrano, Niguel, and Fernando Formations (CDMG 1981). The lower-Pliocene Fernando Formation forms the base of the water-bearing units at Former MCAS El Toro (Herndon and Reilly 1989). The Fernando Formation is interbedded with marine clayey and sandy siltstones of the Capistrano and Niguel Formations west of Former MCAS El Toro (JMM 1988).

Pleistocene sediments predominantly composed of interlayered fine-grained lagoonal and nearshore marine deposits unconformably overlie the Tertiary sedimentary bedrock (Singer 1973). These deeper Quaternary sediments may be equivalent to the lower-Pleistocene San Pedro Formation, which consists of semiconsolidated silts, clays, and sands with interbedded limestone.

Conformably overlying the Pleistocene sediments are Holocene materials consisting of isolated coarse-grained stream channel deposits within fine-grained overbank deposits. These Holocene sediments were deposited as alluvium and range in thickness up to 300 feet (Herndon and Reilly 1989).

Former MCAS El Toro lies within the Irvine Groundwater Management Zone, which has been designated by RWQCB as a public water supply source (RWQCB 2004). Regional aquifer systems in the Irvine Groundwater Management Zone have been described as a series of discontinuous lenses of clayey sands and gravels contained within an assemblage of sandy clay and silt. These aquifer systems are within the less consolidated and more permeable Quaternary sedimentary deposits. Regionally, the stratigraphic units within the aquifers are considered to be laterally extensive and representative of two homogeneous systems, a shallow aquifer and a deeper zone (referred to as the "principal aquifer"). An intervening horizon of fine-grained materials hydraulically separates the shallow and deep aquifers but appears to allow leakage at some locations.

The depth to shallow groundwater beneath Former MCAS El Toro ranges from approximately 45 to 60 feet below ground surface (bgs) in the foothills to approximately 85 feet bgs along the southwest boundary to greater than 240 feet bgs along Irvine Boulevard (JEG 1993). Groundwater generally

flows in a northwest to west-northwesterly direction in both the shallow and principal aquifers (CDM 2005). The horizontal gradients range from 0.005 to 0.025 feet/foot. The hydraulic gradient has been influenced strongly by the pumping of irrigation wells west of Former MCAS El Toro. Average linear groundwater flow velocities are reported to range from 0.02 to 1.9 feet per day (JMM 1990).

5.1.2 Surface Hydrology

Surface drainage near Former 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 Former MCAS El Toro and flow through or adjacent to the Station en route to San Diego Creek. Off-Station drainage from the hills and upgradient irrigated farmland combines with Station runoff at Former MCAS El Toro (generated from extensive paved surfaces) and flows into four main drainage channels. Three of these drainage channels (Borrego Canyon, Agua Chinon, and Bee Canyon) are contiguous with natural washes that originate in the Santa Ana Mountains. The fourth drainage is Marshburn Channel (Figure 1-2).

Borrego Canyon Wash flows along the southeastern boundary of Former MCAS El Toro. The wash is unlined in the Santa Ana Mountains and unlined downstream of Irvine Boulevard. Borrego Canyon Wash crosses the southern corner of the Station and joins Agua Chinon Wash about 1/4 mile downstream of the Station boundary.

Both Agua Chinon and the Bee Canyon Washes cross the central portion of Former MCAS El Toro and receive on-Station runoff mainly through storm sewers. These washes are contained in culverts through most of their pathways across the Station. Both washes are unlined along several hundred feet at the southwestern edge of the Station and are lined again in a culvert beneath the Irvine Spectrum development, adjacent to the southwestern boundary of the Station. Marshburn Channel is a lined drainage channel that runs along the northwestern boundary of Former MCAS El Toro and receives runoff from the western part of the Station. All the drainages ultimately discharge into San Diego Creek.

5.1.3 Rainfall and Prevailing Wind Conditions

The mean average rainfall at Former MCAS El Toro is approximately 12.2 inches, most of which occurs from November through April (JEG 1993). Net infiltration from precipitation is estimated to be less than 2 inches per year (BNI 2000) because of the low average annual rainfall and high evapotranspiration rates.

From March through October, the prevailing wind is from the west, averaging 6 knots. From November through February, the prevailing wind is from the east, averaging 4 knots. Dry, gusty, offshore winds (locally known as "Santa Ana winds") are common during late fall and winter. The typically dry conditions and persistent winds may result in light to moderate wind erosion.

5.2 Conceptual Site Model

The CSM is a tool that summarizes the nature of the release of chemicals, environmental media impacted, potential migration routes, potential receptors, and exposure pathways. The CSM was developed and refined throughout the remedial investigations and remedial action evaluation process at Sites 8 and 12, and served as a basis for HHRA and selection of the remedial action. The remedial action selected in this ROD addresses non-radiologically impacted soil at Site 8, Unit 3 and Site 12, Unit 3, and radiologically (Ra-226) contaminated soil at Site 8, Units 1 and 4. Therefore, a summary of the CSM has been divided into the following:

- CSM summary pertaining to release of non-radiological chemicals
- CSM summary pertaining to release of radiological constituent (Ra-226)

5.2.1 Conceptual Site Model Summary Pertaining to Release of Non-Radiological Chemicals

This section summarizes CSM for the release of non-radiological chemicals at Units 1, 2, 3, 4, and 5 of Site 8 and Units 1, 2, 3, and 4 of Site 12. Specifically, following elements of the CSM are summarized:

- Nature and extent of non-radiological COPCs (chemicals for which human health risk was evaluated) at Site 8
- Nature and Extent of non-radiological COPCs at Site 12
- Identification of non-radiological COCs (a subset of COPCs that need to be addressed by the remedial action selected in this ROD) at Sites 8 and 12
- Fate and transport analysis for non-radiological COPCs
- Potential exposure pathways for non-radiological COPCs

5.2.1.1 Nature and Extent of Non-Radiological COPCs at Site 8

Site 8 was formerly a DRMO storage area for containerized liquids, and scrap and salvage materials from Former MCAS El Toro and Former MCAS Tustin. Site 8 was used as a storage yard from the early years (late 1940s) of the Station operation. The use of Site 8 as a storage yard was discontinued when Former MCAS El Toro closed in July 1999.

During its operation as a storage area for containerized liquids and scrap, liquids such as lubrication oil, fuels, and solvents may have spilled or leaked, impacting the shallow soil at the site. Soil at the site has also been impacted by the spillage of PCB-contaminated oil from scrap electrical components. Site 8 comprises two distinct but adjacent areas bisected by R Street: an old salvage yard and a main storage yard. These two areas are subdivided into five separate units: Unit 1, East Storage Yard; Unit 2, West Storage Yard; Unit 3, Refuse Pile Area (the location of a former refuse pile within the West Storage Yard); Unit 4, PCB Spill Area (located within the east storage yard); and Unit 5, Old Salvage Yard (JEG 1993).

During the Phase I RI, 18 borings were drilled at Site 8 as follows: five borings at Unit 1; three borings each at Units 2, 4, and 5; and four borings at Unit 3 (see Figure 5-1). Shallow soil samples (0 – 10 feet bgs) were collected from all of these borings. In addition, deeper subsurface soil samples (greater than 10 feet bgs) were collected from one boring at Unit 1, one boring at Unit 3, and three borings at Unit 5. Soil samples collected during Phase I RI were analyzed for VOCs, SVOCs, pesticides/PCBs, TPH, TRPH, and TAL metals. Selected samples were also analyzed for herbicides and total organic carbon.

During the Phase II RI, 21 borings were drilled at Site 8 as follows: two borings at Unit 1; five borings at Unit 2; four borings each at Units 3 and 4; and six borings at Unit 5 (see Figure 5-1). Shallow soil samples were collected for all of these borings. In addition, deeper subsurface soil samples were collected from one boring at Unit 4. Soil samples collected during the Phase II RI were analyzed in the field using immunoassay test kits to screen for PAHs. An on-site mobile laboratory was used to screen soil samples from Units 1, 2, 3, and 5 for TPH and to screen samples from Units 1, 2, and 5 for VOCs. Selected soil samples were also analyzed at a fixed-base laboratory for VOCs, PAHs, pesticides/PCBs, TPH, and TAL metals.

Following Phase II RI, additional soil sampling was conducted at Unit 5 of Site 8 in May 1999. Shallow soil samples were collected from eight locations and analyzed for PCBs and PAHs in the laboratory. These samples were collected at multiple depths from the depth interval of 1.5 feet to 5.5 feet bgs (OHM/IT 1999).

Although Site 8 comprises five separate units, Units 4 and 3 are entirely contained within the boundaries of Units 1 and 2, respectively. In addition, the historical activities, physical characteristics, and types of contaminants present in the soil at Units 3 and 4 are comparable to those of the units within which they are situated. During the Phase II RI, these units were grouped into two areas of potential concern (Units 1 and 4, Units 2 and 3) for the purposes of analyzing the nature and extent of non-radiological contamination and for conducting the baseline HHRA for non-radiological contaminants. Because Unit 5 is physically separated from the other four units and has a different history, it was addressed as a separate area of potential concern. In this ROD, no action is selected for non-radiologically impacted soil at Units 1, 2, 4, and 5. Remedial action is selected for Unit 3 to address non-radiological contamination.

Site 8 – Units 1 and 4

Analytes reported in shallow soil at Units 1 and 4 include VOCs, SVOCs and PAHs, PCBs, pesticides, petroleum hydrocarbons, and TAL metals above Former MCAS El Toro background levels (Table 5-1). Figure 5-1 shows the distribution of these suites of analytes in Units 1 and 4. The sample analytical results indicate that VOCs, SVOCs and PAHs, PCBs, and pesticides are present between 0 and 4 feet bgs, whereas petroleum hydrocarbons and TAL metals above background levels are present throughout the 0- to 10-foot bgs shallow-soil interval. However, the highest concentrations of these analytes were reported most frequently in surface soil (0 to 1-foot bgs).

TAL metals, petroleum hydrocarbons, pesticides, and SVOCs were reported in shallow soil throughout Units 1 and 4 (Figure 5-1). VOCs were reported at various locations at Unit 1 but were not identified in samples collected in Unit 4. PCBs were also reported in shallow-soil samples collected from boring locations throughout Units 1 and 4; however, the highest concentrations were reported at locations in the central part of Unit 1 and in Unit 4, where a PCB release occurred. PAHs were only reported in the northern third of Unit 1. The PCBs reported in the soil at Units 1 and 4 were Aroclor 1248, Aroclor 1254, and Aroclor 1260. The maximum PCB concentration was 3.02 milligrams per kilogram (mg/kg) reported for Aroclor 1254. The PAHs reported in soil at Units 1 and 4 were benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, and indeno(1,2,3-c,d)pyrene. The maximum PAH concentration was 0.15 mg/kg reported for benzo(a)pyrene and indeno(1,2,3-c,d)pyrene. Based on the concentrations of COPCs, and risk management considerations presented in the FS (BNI 1997b), Proposed Plan (DON 2006a), and Section 7.3.1, this ROD selects no action for non-radiological COPCs at Units 1 and 4. However, remedial action is proposed for Ra-226 at these units.

Site 8 – Units 2 and 3

Analytes reported in the shallow soil at Units 2 and 3 include VOCs, SVOCs and PAHs, PCBs, pesticides, petroleum hydrocarbons, and TAL metals above background levels (Table 5-2). The sample analytical results indicate that VOCs, SVOCs, PAHs, and TAL metals are present throughout the 0- to 10-foot-bgs shallow-soil interval; however, the highest concentrations of these analytes were generally reported between 0 and 4 feet bgs. Petroleum hydrocarbons were reported between 0 and 4 feet bgs. PCBs and pesticides were only reported in 4-foot-bgs samples from Unit 3. TAL metals were reported in soil from sample locations throughout Units 2 and 3. The PCBs reported in soil at Unit 3 were Aroclor 1248, Aroclor 1254, and Aroclor 1260.

NOTES:

SVOCs/PAHs	SEMIVOLATILE ORGANIC COMPOUNDS/POLYNUCLEAR AROMATIC HYDROCARBONS
PCBs	POLYCHLORINATED BIPHENYLS
TPH	TOTAL PETROLEUM HYDROCARBONS
TRPH	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
TAL	TARGET ANALYTE LIST
VOCs	VOLATILE ORGANIC COMPOUNDS
	ALL ANALYTES IDENTIFIED IN SHALLOW AND DEEPER SUBSURFACE SOIL SAMPLES ARE SHOWN
08_RE2	LOCATION WHERE COCs WERE DETECTED

SOURCE: DRAFT RECORD OF DECISION, SITES 8, 11, AND 12 (DON 1999b)

Record of Decision — Draft Final

Non-Radiological Analytes Identified in Soil Samples - Site 8

IRP Sites 8 and 12

Date: 11-06	Former MCAS El Toro	Figure 5-1
Project No. 29307		

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Table 5-1: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 8, Units 1 and 4

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Polynuclear Aromatic Hydrocarbons				
Benz(a)anthracene	5	1	20	0.0041
Benzo(a)pyrene	6	2	33	0.15 J[b]
Benzo(b)fluoranthene	5	1	20	0.0079
Benzo(g,h,i)perylene	6	2	33	0.14 J
Chrysene	5	1	20	0.0053
Indeno(1,2,3-c,d)pyrene	6	1	17	0.15 J
Semivolatile Organic Compounds				
Benzyl butyl phthalate	2	2	100	0.28 J
bis(2-ethylhexyl)phthalate	19	6	32	1.5*[c]
di-n-butyl phthalate	2	2	100	0.31 J
Polychlorinated Biphenyls				
Aroclor 1248	39	1	3	0.297
Aroclor 1254	39	9	23	3.02 J
Aroclor 1260	39	8	20	2.2
Pesticides				
4,4′-DDD	39	11	28	0.122 d[d]
4,4′-DDE	39	9	23	0.15 J
4,4′-DDT	39	18	46	0.3 J
Aldrin	37	2	5	0.0015 J
alpha-BHC	1	1	100	0.000294 J
alpha-chlordane	39	6	15	0.013 J
Dieldrin	39	9	23	0.102 J
Endosulfan I	39	2	5	0.0635 J
Endosulfan II	39	12	31	0.0212 J
Endosulfan sulfate	37	6	16	0.012
Endrin	39	4	10	0.064 J
Endrin aldehyde	39	13	33	0.0369 J
Endrin ketone	37	5	13	0.0101 J
gamma-BHC (lindane)	36	1	3	0.001 J
gamma-chlordane	39	8	20	0.012
Heptachlor	37	2	5	0.0015 J
Heptachlor epoxide	37	2	5	0.0032 J
Methoxychlor	2	2	100	0.00428*
Toxaphene	24	1	4	0.17 J
Petroleum Hydrocarbons				
Diesel	23	9	39	1,060
Gasoline	23	10	43	1.25
Total recoverable petroleum hydrocarbons	19	12	63	7,730
Volatile Organic Compounds				
1,3-dichlorobenzene	4	1	25	0.001 J
2-hexanone	19	1	5	0.013
Toluene	23	5	22	0.008 J

Table 5-1: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 8, Units 1 and 4

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Target Analyte List Metals				
Aluminum	27	27	100	20,000
Antimony	25	3	12	2.8 b[e]
Arsenic	27	23	85	4.8
Barium	27	27	100	150
Beryllium	18	9	50	0.61
Cadmium	27	26	96	9.9
Chromium	27	27	100	53.9
Cobalt	27	21	78	7.6
Copper	27	27	100	72.1
Lead	27	26	96	1,520
Manganese	27	27	100	334
Mercury	10	2	20	0.19
Nickel	26	20	77	23.2
Selenium	20	1	5	0.27 b
Silver	27	7	26	2.3
Vanadium	27	27	100	49.2
Zinc	27	27	100	189

Notes:
[a] Only samples collected from 0 – 10 feet bgs and analyzed by a fixed-base laboratory were considered
[b] J – estimated value
[c] * – compound observed at a concentration 5 to 10 times greater than that observed in the field blanks
[d] d – reported value is from a dilute analysis
[e] b – reported value is less than the contract-required detection limit but greater than or equal to the instrument detection limit
DDD – dichlorodiphenyldichloroethane
DDE – dichlorodiphenyldichloroethene
DDT – dichlorodiphenyltrichloroethane
alpha-BHC – alpha isomer of benzene hexachloride
gamma-BHC – gamma isomer of benzene hexachloride
% – percent
mg/kg – milligrams per kilogram

Table 5-2: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 8, Units 2 and 3

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Polynuclear Aromatic Hydrocarbons				
Benzo(b)fluoranthene	12	1	8	0.0069
Benzo(g,h,i)perylene	12	4	33	0.067 NJ[b]
Chrysene	12	3	25	0.043
Dibenz(a,h)anthracene	12	1	8	0.029 NJ
Indeno(1,2,3-c,d)pyrene	12	3	25	0.11 NJ
Polychlorinated Biphenyls				
Aroclor 1248	49	1	2	0.244
Aroclor 1254	***49***	***1***	***2***	***0.397***

Table 5-2: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 8, Units 2 and 3

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Aroclor 1260	49	1	2	0.214
Pesticides				
4,4'-DDT	46	1	2	0.00675
Dieldrin	46	1	2	0.0126
gamma-chlordane	45	1	2	0.00128
Petroleum Hydrocarbons				
Diesel	23	6	26	74.8
Gasoline	23	3	13	2.26
Motor oil	12	3	25	1,900
Total recoverable petroleum hydrocarbons	11	3	27	1,698
Semivolatile Organic Compounds				
Benzyl butyl phthalate	7	6	86	0.35 J[c]
bis(2-ethylhexyl)phthalate	11	1	9	1.4*[d]
Target Analyte List Metals				
Aluminum	49	49	100	29,800
Antimony	14	3	21	3.3 b[e]
Arsenic	49	43	88	12.4 J
Barium	49	49	100	287
Beryllium	49	33	67	0.92 b
Cadmium	49	40	82	3.7
Chromium	49	49	100	26.9
Cobalt	49	47	96	278 J
Copper	49	49	100	40.3
Lead	49	49	100	13.6
Manganese	49	49	100	317 J
Mercury	49	16	33	0.15
Nickel	49	47	96	13.6 J
Silver	49	13	26	37.8
Thallium	49	10	20	0.71 J
Vanadium	49	49	100	76.2
Zinc	49	49	100	81.3
Volatile Organic Compounds				
1,1,2-trichloro-1,2,2-trifluoroethane	7	1	14	0.0015 J
1,3-dichlorobenzene	7	1	14	0.0014 J
1,4-dichlorobenzene	7	1	14	0.00088 J
2-butanone	7	7	100	0.004 J**f
Acetone	11	1	9	0.21 **
Dichlorodifluoromethane	7	1	14	0.00079 J
Ethylbenzene	8	1	12	0.002 J
m,p-xylene	7	1	14	0.0025 J
o-xylene	7	1	14	0.00097 J

Table 5-2: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 8, Units 2 and 3

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Tetrachloroethene	7	1	14	0.0017 J
Toluene	18	2	11	0.008 J
Total xylenes	11	1	9	0.016

Notes

Analytes shown in ***bold italicized text*** are COCs for which remedial action will be conducted (see Section 5.2.1.3)

[a] Only samples collected from 0 – 10 feet bgs and analyzed by a fixed-base laboratory were considered

[b] NJ – estimated value; compound was identified on the basis of presumptive evidence through a search of the mass spectral library

[c] J – estimated value

[d] * – compound observed at a concentration 5 to 10 times greater than that observed in the field blanks

[e] b – reported value is less than the contract-required detection limit but greater than or equal to the instrument detection limit

[f] ** – compound observed in field blanks at same order of magnitude

Unit 3 is the former location of a refuse pile, which was removed and disposed prior to the 1991 Phase I RI. In December 1993, the top 2 feet of soil beneath the former refuse pile (approximately 229 cubic yards) was excavated and removed from Site 8 by a paving contractor. Prior to the soil excavation and removal, soil sample analytical results from the Phase I RI indicated PCB contamination in soil at Unit 3 to depths of 4 feet bgs. Prior to disposal, the soil removed from Unit 3 was characterized, and analytical results indicated the total PCB concentrations in the soil ranged from 0.1 U to 20.0 mg/kg, with a mean concentration of 6.37 mg/kg (BNI 1997a). Not all of the PCB-contaminated soil was removed from Unit 3 since only the top two feet of soil was removed and the Phase I RI sampling results indicated PCBs to depths of 4 feet. The Phase I RI results combined with results of Phase II RI, suggest that the remaining PCB contamination is limited to shallow soil in an approximate 35- by 70-foot rectangular area (2,450 square feet) encompassing the northern half of Unit 3 (BNI 1997b). This ROD presents the remedial action selected for this area.

Site 8 – Unit 5

Analytes reported in the shallow soil at Unit 5 include VOCs, PAHs, PCBs, pesticides, petroleum hydrocarbons, and TAL metals above background levels (Table 5-3). The sample analytical results indicate that PAHs and pesticides are present between 0 and 4 feet bgs, while VOCs and TAL metals are present throughout the 0- to 10-foot-bgs shallow-soil interval. Petroleum hydrocarbons were generally reported in surface-soil samples. Aroclor 1260 was reported in two soil samples collected at 1.5 feet and 2 to 4 feet bgs; otherwise PCBs were not reported in the soil at Unit 5.

A close examination of the RI data indicates that concentrations of the detected PAHs including indeno(1,2,3-cd)pyrene and benzo(b)fluoranthene were flagged with qualifiers indicating uncertainty in the confirmation/identification. The sampling conducted in May 1999 did not confirm the presence of indeno(1,2,3-cd)pyrene and benzo(b)fluoranthene. Based on the concentrations of COPCs, and risk management considerations presented in the FS (BNI 1997b), the Risk Reevaluation (Earth Tech 2003a), Proposed Plan (DON 2006a), and Section 7.3.1, this ROD selects no action for Unit 5.

Table 5-3: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 8, Unit 5

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Polynuclear Aromatic Hydrocarbons				
Benzo(b)fluoranthene	24	1	4	2.1 NJ[b]
Benzo(g,h,i)perylene	24	3	12	6.1 NJ
Fluoranthene	24	2	8	5.5
Indeno(1,2,3-c,d)pyrene	24	3	12	31 NJ
Phenanthrene	18	2	11	3
Polychlorinated Biphenyls				
Aroclor 1260	37	2	5	0.046
Pesticides				
4,4′-DDD	25	3	12	0.25 J[c]
4,4′-DDE	25	3	12	0.042
4,4′-DDT	25	4	16	0.087 J
alpha-chlordane	21	2	9	0.0019
Endrin	21	1	4	0.0029 J
gamma-chlordane	21	1	4	0.0024 J
Petroleum Hydrocarbons				
Gasoline	12	2	17	0.469
Motor oil	6	2	33	7,500
Total recoverable petroleum hydrocarbons	6	1	17	269
Target Analyte List Metals				
Aluminum	25	25	100	30,000
Arsenic	25	17	68	4.9
Barium	25	25	100	701
Beryllium	25	18	72	0.81
Cadmium	25	21	84	1.7
Chromium	25	25	100	25.1
Cobalt	25	25	100	30.4 J
Copper	25	25	100	19.2
Lead	25	25	100	114
Manganese	25	25	100	449
Mercury	24	3	12	0.14
Nickel	25	22	88	16.6
Selenium	25	5	20	0.79
Silver	25	3	12	5
Thallium	25	7	28	1.1 J
Vanadium	25	25	100	78.6
Zinc	25	25	100	160 J
Volatile Organic Compounds				
1,3-dichlorobenzene	2	1	50	0.0019
2-hexanone	6	1	17	0.008 J
Carbon disulfide	1	1	100	0.003 J*[d]
Methylene chloride	4	3	75	0.004 J*[e]

Table 5-3: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 8, Unit 5

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Toluene	3	3	100	0.004 J

Notes:
[a] Only samples collected from 0 – 10 feet bgs and analyzed by a fixed-base laboratory were considered
[b] NJ – estimated value; compound was identified on the basis of presumptive evidence through a search of the mass spectral library
[c] J – estimated value
[d] J** – estimated value; compound observed in field blanks at same order of magnitude
[e] J* – estimated value; compound observed at a concentration 5 to 10 times greater than that observed in the field blank

5.2.1.2 Nature and Extent of Non-Radiological COPCs at Site 12

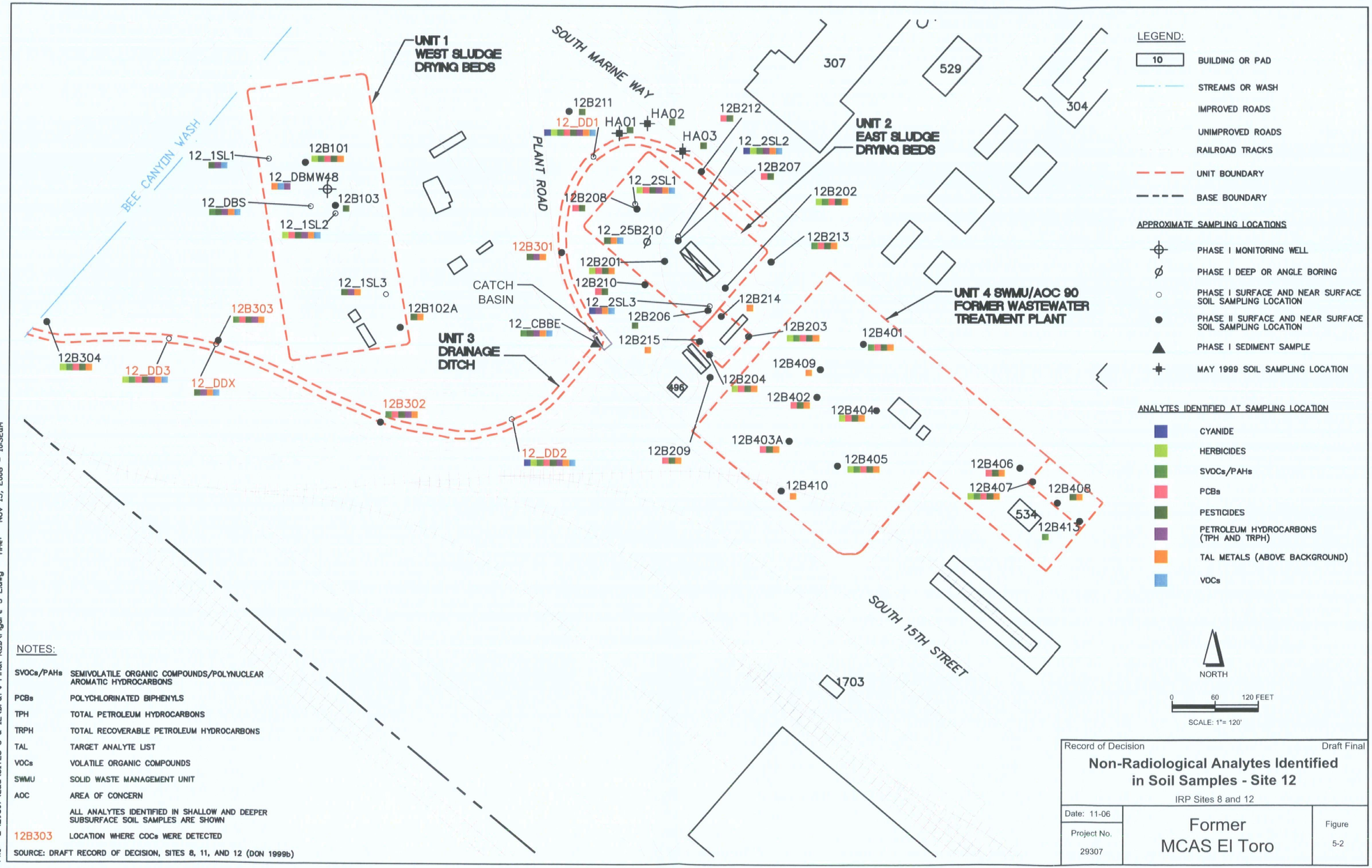
Site 12 is designated as Sludge Drying Beds and consists of four units: the former location of the west sludge drying beds (Unit 1); the former location of the east sludge drying beds (Unit 2); a drainage ditch (Unit 3); and the location of the former WWTPs (Unit 4). The east and west sludge-drying beds consisted of multi-compartment, sand infiltration beds surrounded by a 4-foot-high earthen berm. The drainage ditch is an unimproved earthen channel that skirted both sludge-drying bed areas and terminated at Bee Canyon Wash. The upper reach of the drainage ditch discharges into a catch basin located north of Plant Road, which connects to the lower reach south of Plant Road via a culvert. The WWTP area included eight concrete aboveground treatment tanks and a pump building. The IWWTP, located immediately east of the WWTP, included two aboveground tanks and a sludge sump. The operations that were conducted at these facilities have contaminated shallow soil at the site.

During the Phase I RI, 13 borings were drilled at Site 12 as follows: five borings at Unit 1, and four borings each at Units 2 and 3 (see Figure 5-2). Shallow soil samples were collected from all of these borings. In addition, deeper subsurface soil samples were collected from one boring at Unit 1, and one boring at Unit 2. Soil samples were analyzed for VOCs, SVOCs, pesticides/PCBs, herbicides, cyanide, TPH, TRPH, and TAL metals. One sample from Unit 1 was also analyzed for total organic carbon.

During the Phase II RI, 32 borings were drilled at Site 12 as follows: three borings at Unit 1, fourteen borings at Unit 2, four borings at Unit 3, and eleven borings at Unit 4 (see Figure 5-2). Shallow soil samples were collected for all of these borings. In addition, deeper subsurface soil samples were collected from three borings at Unit 2, and two borings at Unit 4. Soil samples collected during the Phase II RI were analyzed in the field for PAHs and PCBs with immunoassay test kits and for TPH using a mobile laboratory. Samples were also analyzed at a fixed-base laboratory for PAHs, pesticides/PCBs, herbicides, TPH, total cyanide, and TAL metals.

Following the Phase II RI, additional soil sampling was conducted at Unit 3 of Site 12 in May 1999. Soil samples were collected at depths of 1 foot bgs from three locations at Unit 3. An additional soil sample was collected at one location at a depth of 1.5 feet bgs and was designated as a duplicate. All samples were analyzed for pesticides and herbicides (OHM/IT 1999).

Chemicals reported in shallow soil at Site 12 included VOCs, SVOCs, TPH, pesticides, and TAL metals above Former MCAS El Toro background levels. In this ROD, no action is selected for Units 1, 2 and 4, and remedial action is proposed for Unit 3.



NOTES:

SVOCs/PAHs	SEMIVOLATILE ORGANIC COMPOUNDS/POLYNUCLEAR AROMATIC HYDROCARBONS
PCBs	POLYCHLORINATED BIPHENYLS
TPH	TOTAL PETROLEUM HYDROCARBONS
TRPH	TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
TAL	TARGET ANALYTE LIST
VOCs	VOLATILE ORGANIC COMPOUNDS
SWMU	SOLID WASTE MANAGEMENT UNIT
AOC	AREA OF CONCERN
	ALL ANALYTES IDENTIFIED IN SHALLOW AND DEEPER SUBSURFACE SOIL SAMPLES ARE SHOWN
12B303	LOCATION WHERE COCs WERE DETECTED

SOURCE: DRAFT RECORD OF DECISION, SITES 8, 11, AND 12 (DON 1999b)

Record of Decision — Draft Final

Non-Radiological Analytes Identified in Soil Samples - Site 12

IRP Sites 8 and 12

Date: 11-06	Former MCAS El Toro	Figure 5-2
Project No. 29307		

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Site 12 – Unit 1

At Unit 1, VOCs, pesticides, and TAL metals at concentrations above background were reported throughout the 0- to 10-foot-bgs shallow-soil interval. PAHs, PCBs, herbicides, and petroleum hydrocarbons were limited to shallow soil between 0 and 4 feet bgs (Table 5-4). Unit 1 is reportedly about 5 feet higher than when the sludge beds were in operation. The difference in elevation is a result of imported fill and the earthen perimeter berm material used to cover the sludge beds after the WWTP ceased operations. The analytical data suggest that most of the shallow-soil contamination in Unit 1 is confined to this upper 5-foot-bgs interval. Based on the concentrations of COPCs, and risk management considerations presented in the FS (BNI 1997b), the Risk Reevaluation (Earth Tech 2003a), Proposed Plan (DON 2006a), and Section 7.3.1, this ROD selects no action for Unit 1.

Table 5-4: Summary of Shallow-Soil (0 – 10 feet) Analytical Results for Non-Radiological Chemicals at Site 12, Unit 1

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Herbicides				
Dalapon	12	1	8	0.198
2-(2-methyl-4-chlorophenoxy)-propionic acid (MCPP)	12	1	8	94.0
2,4-DB-dichlorophenoxybutyric acid (2,4,DB)	12	1	8	0.140 N[b]
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	8	1	12	0.0058 J[c]
2-methyl-4-chlorophenoxyacetic acid (MCPA)	9	1	11	5.5
Polynuclear Aromatic Hydrocarbons				
Benz(a)anthracene	15	3	20	0.690
Benzo(a)pyrene	15	3	20	0.670
Benzo(b)fluoranthene	15	3	20	0.840
Benzo(g,h,i)perylene	6	3	50	0.340 J
Benzo(k)fluoranthene	15	3	20	0.540 J
Chrysene	15	3	20	1.0
Dibenz(a,h)anthracene	4	1	25	0.3
Fluoranthene	15	3	20	1.3
Indeno(1,2,3-c,d)pyrene	15	1	7	0.440 J
Phenanthrene	6	1	17	0.340 J
Pyrene	15	3	20	1.1
Polychlorinated Biphenyls				
Aroclor 1254	21	1	5	0.283 JN[d]
Aroclor 1260	19	1	5	0.026 J
Pesticides				
4,4′-DDD	23	8	35	0.107 JN
4,4′-DDE	24	12	50	0.229 JN
4,4′-DDT	24	11	46	0.240 JN
beta-BHC	19	1	5	0.0029
delta-BHC	19	1	5	0.002
alpha-chlordane	21	4	19	0.0898 JN
gamma-chlordane	21	4	19	0.0737 JN
Dieldrin	22	4	18	0.0277 JN
Endosulfan I	19	1	5	0.016 J
Endosulfan sulfate	19	2	10	0.0052 J
Endrin aldehyde	19	1	5	0.0041 J

Table 5-4: Summary of Shallow-Soil (0 – 10 feet) Analytical Results for Non-Radiological Chemicals at Site 12, Unit 1

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Endrin ketone	19	1	5	0.0064 J
Heptachlor epoxide	19	2	10	0.0012 J
Petroleum Hydrocarbons				
Diesel	11	2	18	13.1
Gasoline	11	4	36	207
Total recoverable petroleum hydrocarbons	11	7	64	372
Volatile Organic Compounds				
2-butanone	2	2	100	0.006 J**[e]
Acetone	11	3	27	0.019 **[f]
Carbon tetrachloride	1	1	100	0.005J
Toluene	11	5	45	0.010J
Target Analyte List Metals				
Aluminum	20	20	100	31,000
Antimony	12	2	17	3.9 bg
Arsenic	20	12	60	5.5
Barium	20	20	100	290.0
Beryllium	20	11	55	0.73
Cadmium	20	20	100	39.7
Chromium	20	20	100	163
Cobalt	20	20	100	10.9
Copper	20	20	100	392
Lead	20	20	100	239
Manganese	20	20	100	454
Mercury	20	3	15	11.3
Nickel	20	20	100	15.6
Selenium	20	2	10	5.7
Silver	20	3	15	58.9
Thallium	15	8	53	0.35 b
Vanadium	20	20	100	85.8
Zinc	20	20	100	1,310

Notes:
[a] Only samples collected from 0 – 10 feet bgs and analyzed by a fixed-base laboratory were considered
[b] N – compound was identified on the basis of presumptive evidence through a search of the spectral library
[c] J – estimated value
[d] JN – estimated value; compound was identified on the basis of presumptive evidence through a search of the spectral library
[e] J** – estimated value; compound observed in field blanks at same order of magnitude
[f] ** – compound observed in field blanks at same order of magnitude
[g] b – reported value is less than the contract-required detection limit but greater than or equal to the instrument detection limit

Site 12 – Units 2 and 4

SVOCs and PAHs, PCBs, pesticides, herbicides, and TAL metals above background were reported in shallow soil throughout Units 2 and 4 (Table 5-5). VOCs, petroleum hydrocarbons, and cyanide were also reported in shallow soil at Unit 2. Although metals at concentrations above background

levels were reported throughout the 0- to 10-foot-bgs shallow-soil interval, SVOCs, PAHs, PCBs, and herbicides were limited to shallow soil between 0 and 7 feet bgs. With the exception of two locations in Unit 2, pesticides were also limited to shallow soil at depths of less than 7 feet bgs. VOCs, gasoline, and TRPH were present between 0 and 2 feet bgs, and cyanide was present to a depth of 4 feet bgs in Unit 2. As indicated in the discussion of Unit 1, the present grade throughout Units 2 and 4 is also reportedly 5 feet higher than the ground surface present during the operational period of the sludge beds and WWTP. The results of the Phase I and Phase II RIs suggest that both the imported fill material and native soil beneath it (to a depth of at least 2 feet below the original ground surface) have been impacted by the aforementioned classes of analytes in Units 2 and 4. Based on the concentrations of COPCs, and risk management considerations presented in the FS (BNI 1997b), Proposed Plan (DON 2006a), and Section 7.3.1, this ROD selects no action for Units 2 and 4.

Site 12 – Unit 3

VOC, SVOCs and PAHs, PCBs, pesticides, herbicides, petroleum hydrocarbons, cyanide, and TAL metals above background levels were reported in shallow soil throughout Unit 3 (Table 5-6). Although pesticides and metals at concentrations above background levels were reported throughout the 0- to 10-foot-bgs shallow-soil interval, SVOCs, PAHs, PCBs, herbicides, and petroleum hydrocarbons were limited to shallow soil between 0 and 5 feet bgs. Although VOCs were reported throughout the 0- to 4-foot-bgs interval sampled for this class of analytes, all of the reported concentrations were less than 40 micrograms per kilogram (µg/kg). Cyanide was only reported in surface soil at two widely separated locations in the upper and middle reaches of Unit 3. The pesticide concentrations were consistently highest in surface soil and generally decreased by an order of magnitude or more between the surface and 2 feet bgs. Except for one sample collected at 7.5 to 10 feet bgs, pesticides were not reported at depths greater than 5 feet bgs. This ROD presents the remedial action selected for this area.

Table 5-5: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 12, Units 2 and 4

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Herbicides				
Dicanba	48	2	4	0.024 N[b]
2-(2-methyl-4-chlorophenoxy)-propionic acid (MCPP)	55	5	9	38.7
2-methyl-4-chlorophenoxyacetic acid (MCPA)	48	2	4	7.5 N
2,4-dichlorophenoxybutyric acid (2,4-DB)	55	3	5	0.068
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	17	2	12	0.0065 J[c]
2,4,5-trichlorophenoxypropionic acid (2,4,5-TP)	30	1	3	0.0051 N
Polynuclear Aromatic Hydrocarbons				
Benz(a)anthracene	14	8	57	0.3 J
Benzo(a)pyrene	14	7	50	0.082 J
Benzo(b)fluoranthene	14	8	57	0.42 J
Benzo(g,h,i)perylene	14	8	57	0.250 J
Benzo(k)fluoranthene	14	6	43	0.12 J
Chrysene	14	7	50	0.27 J
Dibenz(a,h)anthracene	14	5	36	0.19
Fluoranthene	22	7	32	0.46 J
Indeno(1,2,3-c,d)pyrene	14	6	43	0.2 J

Table 5-5: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 12, Units 2 and 4

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Phenanthrene	14	1	7	0.18 J
Pyrene	22	6	27	0.46 J
Polychlorinated Biphenyls				
Aroclor 1254	81	11	14	0.120 J
Aroclor 1260	82	27	33	0.330 J
Pesticides				
4,4′-DDD	84	37	44	0.051 J
4,4′-DDE	84	44	52	1.7 J
4,4′-DDT	84	45	54	1.4 J
alpha-chlordane	83	31	37	0.024
gamma-chlordane	83	30	36	0.022
beta-BHC	75	6	8	0.0044 J
delta-BHC	80	3	4	0.0066
gamma-BHC (lindane)	45	1	2	0.001 J
Dieldrin	78	6	8	0.0087 J
Endosulfan I	82	8	10	0.12
Endosulfan II	80	13	16	0.011
Endrin	82	13	16	0.024
Endrin aldehyde	78	14	18	0.0011 J
Heptachlor	80	6	7	0.0059
Heptachlor epoxide	72	2	3	0.002 J
Petroleum Hydrocarbons				
Gasoline	9	3	33	349
Total recoverable petroleum hydrocarbons	9	6	67	314
Semivolatile Organic Compounds				
bis(2-ethylhexyl)phthalate	2	2	100	0.230 J*[d]
Volatile Organic Compounds				
Acetone	8	2	25	0.012**[e]
Carbon tetrachloride	8	1	12	0.006 J
Toluene	3	3	100	0.005 J
Target Analyte List Metals				
Aluminum	76	76	100	37,200
Antimony	22	6	27	0.66 J
Arsenic	76	69	91	24
Barium	76	76	100	633
Beryllium	76	66	87	2
Cadmium	76	64	84	39.7
Chromium	76	76	100	64.2
Cobalt	76	76	100	14.6
Copper	76	76	100	160
Lead	76	76	100	95.4

Table 5-5: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 12, Units 2 and 4

Analyte Name	Number of Analyses[a]	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Manganese	76	76	100	493 J
Mercury	76	18	24	1.7 J
Nickel	76	75	99	55.9
Selenium	76	20	26	1.5
Silver	76	16	21	3.8
Thallium	76	10	13	2.8
Vanadium	76	76	100	97.7
Zinc	76	76	100	119

Notes:
[a] Only samples collected from 0 – 10 feet bgs and analyzed by a fixed-base laboratory were considered
[b] N – compound was identified on the basis of presumptive evidence through a search of the spectral library
[c] J – estimated value
[d] J* – estimated value; compound observed at a concentration 5 to 10 times greater than that observed in the field blanks
[e] ** – compound observed in field blanks at same order of magnitude
beta-BHC – beta isomer of benzene hexachloride
delta-BHC – delta isomer of benzene hexachloride
gamma-BHC – gamma isomer of benzene hexachloride

Table 5-6: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 12, Unit 3

Analyte Name	Number of Analyses	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Cyanide				
Cyanide	10	2	20	0.35
Herbicides				
2,4-dichlorophenoxy acetic acid	14	1	71	0.14
Dalapon	24	4	17	0.3 N[a]
2-(2-methyl-4-chlorophenoxy)-propionic acid	***25***	***1***	***4***	***153***
Polynuclear Aromatic Hydrocarbons				
Benz(a)anthracene	5	2	40	0.042 J[b]
Benzo(a)pyrene	***7***	***5***	***71***	***0.21 J***
Benzo(b)fluoranthene	***14***	***3***	***21***	***0.93***
Benzo(g,h,i)perylene	5	2	40	0.059
Benzo(k)fluoranthene	13	4	31	0.55 J
Chrysene	14	4	29	0.94
Dibenz(a,h)anthracene	***6***	***4***	***67***	***0.22***
Fluoranthene	14	4	29	2
Indeno(1,2,3-c,d)pyrene	7	5	71	0.18 J
Phenanthrene	13	2	15	0.59 J
Pyrene	14	4	29	0.73
Semivolatile organic compounds				
bis(2-ethylhexyl)phthalate	9	2	22	0.600 J*[c]

Table 5-6: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 12, Unit 3

Analyte Name	Number of Analyses	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Polychlorinated Biphenyls				
Aroclor 1254	***20***	***4***	***20***	***2.49 JN[d]***
Aroclor 1260	***16***	***5***	***31***	***0.64***
Pesticides				
4,4′-DDD	27	21	78	1.19 JN
4,4′-DDE	27	21	78	0.28 JN
4,4′-DDT	***28***	***24***	***86***	***3.65 J***
alpha-chlordane	18	5	28	0.0785 JN
gamma-chlordane	17	6	35	0.0931 JN
Dieldrin	***6***	***5***	***83***	***0.104 JN***
Endosulfan I	4	2	50	0.022
Endosulfan II	15	2	13	0.016 J
Endrin	4	3	75	0.051
Endrin aldehyde	21	9	43	0.0856 JN
Endrin ketone	17	2	12	0.133
Methoxychlor	5	5	100	0.175*[e]
Petroleum Hydrocarbons				
Diesel	10	6	60	1,970
Gasoline	14	11	79	24.7
Motor oil	4	2	50	370
Total recoverable petroleum hydrocarbons	10	5	50	42,529
Volatile Organic Compounds				
Acetone	10	7	70	0.035**[f]
Carbon disulfide	1	1	100	0.002 J**[g]
Carbon tetrachloride	10	3	30	0.011
Methylene chloride	10	1	10	0.024*
Toluene	10	4	40	0.01
Xylenes	1	1	100	0.002 J
Target Analyte List Metals				
Aluminum	25	25	100	37,300
Antimony	14	10	71	0.69 J
Arsenic	25	23	92	6.4
Barium	25	25	100	364 J
Beryllium	25	6	24	1.70
Cadmium	25	25	100	4.6 b[h]
Chromium	25	25	100	35.7
Cobalt	25	25	100	15
Copper	25	25	100	43.8
Lead	25	25	100	531
Manganese	25	25	100	506
Mercury	25	6	24	0.30

Table 5-6: Summary of Shallow-Soil (0 – 10 feet bgs) Analytical Results for Non-Radiological Chemicals at Site 12, Unit 3

Analyte Name	Number of Analyses	Number of Detections	Frequency of Detection (%)	Maximum Concentration (mg/kg)
Nickel	25	25	100	84.2
Selenium	25	2	8	0.78
Silver	25	9	36	3.8
Thallium	10	6	60	0.38 b
Vanadium	25	25	100	800
Zinc	25	25	100	418

Notes:
Analytes shown in ***bold italicized text*** are COCs for which remedial action will be conducted (see Section 9.3.1)
[a] N – compound was identified on the basis of presumptive evidence through a search of the spectral library
[b] J – estimated value
[c] J* – estimated value; compound observed at a concentration 5 to 10 times greater than that observed in the field blanks
[d] JN – estimated value; compound was identified on the basis of presumptive evidence through a search of the spectral library
[e] * – compound observed at a concentration 5 to 10 times greater than that observed in the field blanks during Phase II RI sampling.
[f] ** – compound observed in field blanks at same order of magnitude
[g] J** – estimated value; compound observed in field blanks at same order of magnitude
[h] b – reported value is less than the contract-required detection limit but greater than or equal to the instrument detection limit.

Site 12 – Catch Basin at Unit 3

VOCs, SVOCs, pesticides, petroleum hydrocarbons, and TAL metals were reported in a sediment sample collected from the catch basin located in the drainage ditch where the ditch passes beneath Plant Road. Table 5-7 summarizes the catch basin sediment analytical data.

Table 5-7: Summary of Shallow-Soil Analytical Results for Catch Basin at Site 12, Unit 3

Analyte Name/ Method Code	Result Units	SAMPLE LOCATION/SAMPLE DEPTH (feet bgs)
		12_CBBE (0 feet bgs)
VOCs		
Acetone	µg/kg	21 **[a]
Methylene chloride	µg/kg	35 *[b]
Toluene	µg/kg	8 J[c]
Petroleum Hydrocarbons		
TRPH[k]	mg/kg[l]	30
Gasoline	µg/kg	102
SVOCs		
bis(2-ethylhexyl)phthalate	µg/kg	230 J*[d]
Pesticides		
4,4′- dichlorodiphenyldichloroethane	µg/kg	54.6

Table 5-7: Summary of Shallow-Soil Analytical Results for Catch Basin at Site 12, Unit 3

Analyte Name/ Method Code	Result Units	SAMPLE LOCATION/SAMPLE DEPTH (feet bgs)
		12_CBBE (0 feet bgs)
4,4'- dichlorodiphenyldichloroethene	µg/kg	203 d[e]
4,4'- dichlorodiphenyltrichloroethane	µg/kg	418 d
alpha-chlordane	µg/kg	2.59
gamma-chlordane	µg/kg	2.17
Dieldrin	µg/kg	3.75
Endosulfan sulfate	µg/kg	0.474
Metals		
Aluminum (14,800)[f]	mg/kg	5,520
Arsenic (6.86)	mg/kg	2.9
Barium (173)	mg/kg	355
Cadmium (2.35)	mg/kg	0.92 b[g]
Chromium (26.9)	mg/kg	7.1
Cobalt (6.98)	mg/kg	3.4 b
Copper (10.5)	mg/kg	9.2
Lead (15.1)	mg/kg	41.5
Manganese (291)	mg/kg	131
Mercury (0.22)	mg/kg	1.3
Nickel (15.3)	mg/kg	6.8 b
Silver (0.539)	mg/kg	0.5 b
Vanadium (71.8)	mg/kg	17.5
Zinc (77.9)	mg/kg	127

Notes:
[a] ** – compound is observed in field blanks at the same order of magnitude
[b] * – reported sample value is 5 to 10 times greater than that observed in the field blanks
[c] J – estimated value
[d] J* – estimated value, compound is observed in sample at concentration 5 to 10 times greater than that observed in the field blanks
[e] d – reported value is for analysis of a diluted sample
[f] values in parentheses are background concentrations for metals at Former Marine Corps Air Station El Toro
[g] b – reported value is less than the contract-required detection limit but greater than or equal to the instrument detection limit
CLP – (U.S. EPA) Contract Laboratory Program
CA LUFT/SW – California Leaking Underground Fuel Tank/Solid Waste
OLM – organic laboratory method
SVOC – semivolatile organic compound
TPH – total petroleum hydrocarbons
TRPH – total recoverable petroleum hydrocarbons

5.2.1.3 *Identification of Non-Radiological COCs at Sites 8 and 12*

In this ROD, a remedial action is selected for non-radiologically contaminated soil at Site 8, Unit 3; and Site 12, Unit 3. Based on results from a risk assessment, non-radiological COCs were identified in soil only at Unit 3 of Site 8 and Unit 3 of Site 12 from a larger set of COPCs investigated at all units of Sites 8 and 12 as described below.

A risk assessment was conducted to evaluate the risks posed by COPCs at Sites 8 and 12 (see Section 7). A list of non-radiological COCs for Site 8, Unit 3; and Site 12, Unit 3 was developed based on results of this risk assessment and included chemicals responsible for increasing the cancer and noncancer risks above the U.S. EPA point of departure value of 10^{-6} and threshold value of 1, respectively. To develop this list, RBCs, which are concentrations that correspond to a cancer risk of 10^{-6} or noncancer risk of 1, were calculated for all the COPCs identified at Unit 3 of Site 8, and Unit 3 of Site 12. These RBCs were then compared to historical concentrations of chemicals identified in soil samples taken from Site 8, Unit 3 and Site 12, Unit 3; and only the chemicals identified at concentrations above the RBCs in one or more samples were identified as COCs. It should be noted that metals, including arsenic, were not considered COCs since their concentrations are consistent with natural conditions. The exposure point concentrations (EPCs) for metals were less than their respective statistically-derived background values for Former MCAS El Toro. Additionally, the presence of metals cannot be attributed to known historical activities at the sites. Using the above procedure, the following non-radiological COCs were identified for Sites 8 and 12:

- Site 8, Unit 3:
  - Aroclor 1254
- Site 12, Unit 3:
  - Benzo(a)pyrene
  - Benzo(b)fluoranthene
  - Dibenz(a,h)anthracene
  - Aroclor 1254
  - Aroclor 1260
  - 4-4′ dichlorodiphenyltrichloroethane (4,4′-DDT)
  - Dieldrin
  - 2-(2-methyl-4-chlorophenoxy)propionic acid (MCPP)

5.2.1.4 Fate and Transport Analysis for Non-Radiological COPCs

This ROD selects no action for non-radiological COPCs at Units 1, 2, 4, and 5 of Site 8, and Units 1, 2, and 4 of Site 12. Remedial action is selected for Unit 3 of Site 8 and Unit 3 of Site 12 to address non-radiological constituents. This section presents potential migration routes and exposure pathways for non-radiological COPCs at Site 8, Unit 3 and Site 12, Unit 3.

A fate and transport evaluation for non-radiological chemicals at Sites 8 and 12 was included in the OU-3A Remedial Investigation Report (BNI 1997a). The evaluation concluded that migration to groundwater is expected to be negligible because of the depth to groundwater (approximately 100 feet), low net infiltration at the sites, the low water solubility, and low chemical mobility due to the high affinity for sorption of the primary COPCs to soil. This is supported by analytical data that confirm that contamination is generally confined to the upper 10-foot soil interval.

Surface-water transport may occur at Sites 8 and 12; however, such transport may be induced only during significant rainfall events. Because of the relatively immobile nature of the COPCs reported in the shallow soil and the fact that Site 8, Unit 3 is covered with asphalt, limited potential for mobilization of COPCs exists at this unit due to surface water runoff. Unit 3 of Site 12 is an unimproved earthen channel stabilized by vegetation. Although primary COPCs (PAHs and PCBs)

reported in the shallow soil at Site 12, Unit 3 have low potential to migrate vertically, there is a potential for off-site migration of the PAH- and PCB-contaminated soil due to surface water runoff.

5.2.1.5 Potential Exposure Pathways for Non-Radiological COPCs

The primary exposure pathways by which the potential receptors (residents or industrial workers) may come in contact with the non-radiological chemicals at Site 8, Unit 3 and Site 12, Unit 3 include ingestion of soil, dermal contact with shallow soil, and inhalation of vapors and particulates that have been released from shallow soil (BNI 1997a) (see Figures 5-3 and 5-4).

5.2.2 Conceptual Site Model Summary Pertaining to Release of Radiological Constituents

This section presents the CSM summary pertaining to release of radiological constituent (Ra-226) at Units 1 and 4 of Site 8.

5.2.2.1 Nature of Radiological Constituents at Site 8

Ra-226 is the radionuclide of concern at Units 1 and 4 of Site 8. The exact source and mechanism of release of Ra-226 at Site 8 are not known. However, the HRA and information on historical Station operations indicate that potential sources of Ra-226 include Ra-226 painted parts, gauges, dials and markers. The employee interviews during the HRA indicated that small quantities of radium-painted parts and gauges may have been stored at Site 8 (Weston 2000). Additionally, historical operations at Former MCAS El Toro included repair of aircraft equipped with Ra-226 containing components. Radium-containing components including radioluminescent dials, gauges, and markers were commonly used on aircraft in the 1940's, 50's, and 60's.

Considering the fact that potential sources of Ra-226 at Units 1 and 4 are from storage of Ra-226 painted parts, gauges, dials, and markers, release of Ra-226 is likely to be restricted to the shallow soil (less than 18 inches bgs approximately).

5.2.2.2 EXTENT OF Ra-226

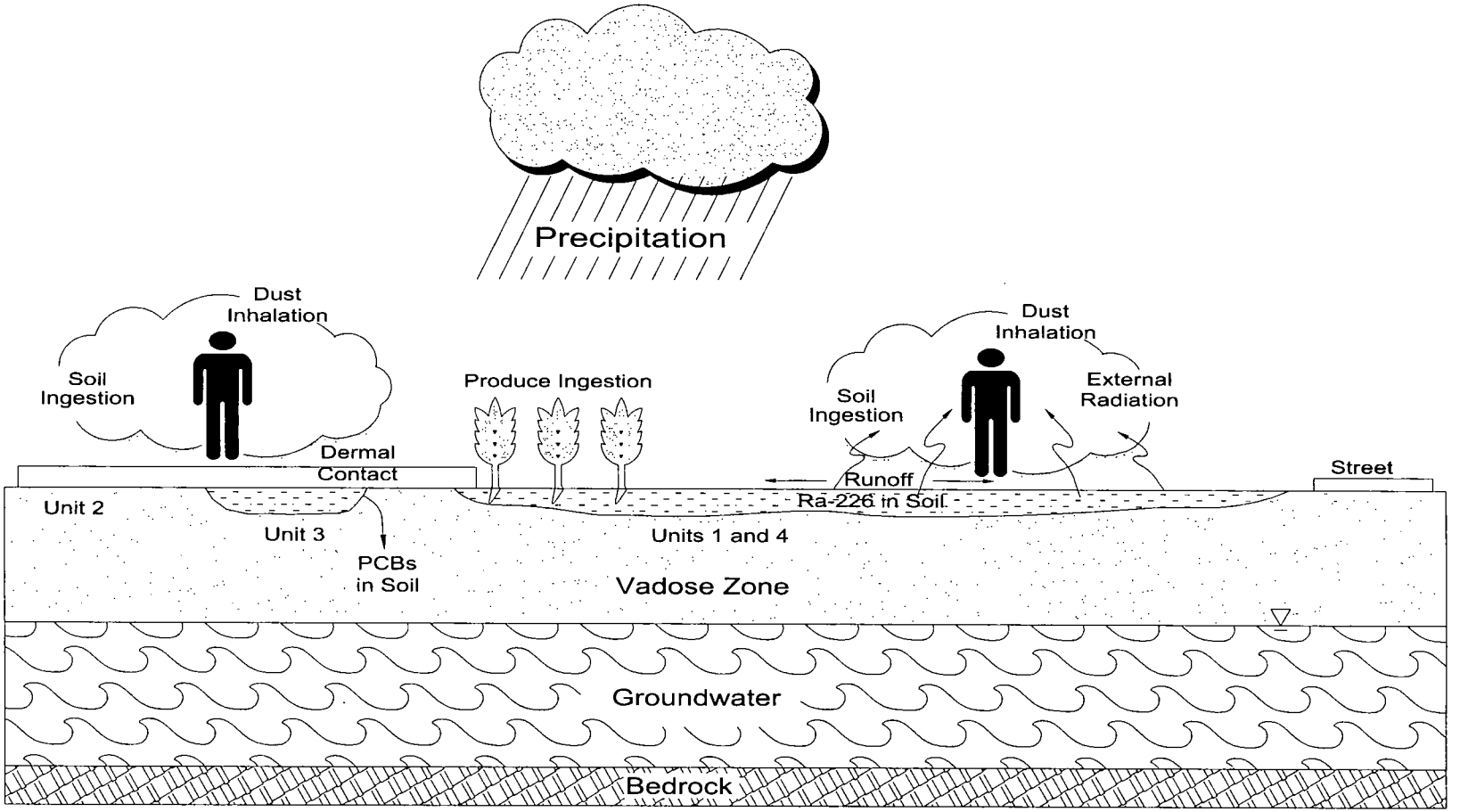
On-site radiological characterization surveys and soil sampling were conducted at Units 1 and 4 of Site 8 from June through November 2001 to assess the distribution of Ra-226 in the shallow soil. These investigations were performed in accordance with the Radiological Survey Plan (Weston 2001). The following sections present a summary of measurement methods and investigation results.

Radiological Investigation Methods Summary

The radiological scan surveys at Site 8 were conducted utilizing high-density global positioning system (GPS) survey process, using an eight-detector array for the survey, supplemented with backpack GPS single detector surveys in areas where access for the eight-detector system was not feasible. The instruments used for the scan surveys were portable scaler/ratemeters equipped with sodium iodide (NaI) crystal scintillation probes (i.e., 2-inch by 2-inch [unshielded] and/or 3-inch by 3-inch [shielded] detectors for gamma detection).

A total of 89,356 scan survey readings were collected at Units 1 and 4 of Site 8. Soil samples were collected from 16 locations where elevated readings were observed during the scan survey and sent to a certified laboratory for analysis of Ra-226. If, during sampling, a radiological anomaly was encountered, it was assigned an identification number and a visual description was recorded.

To differentiate between naturally occurring radiation and residual radioactivity in potentially impacted areas, Station background radiation levels were measured in reference areas and were used for comparison purposes. The non-impacted reference areas were selected from locations with



LEGEND

Potential Receptor
(Resident or Industrial Worker)

Record of Decision		Draft Final
Site 8 Conceptual Site Model IRP Sites 8 and 12		
Date: 11-06	Former MCAS El Toro	Figure 5-3
Project No. 29307		

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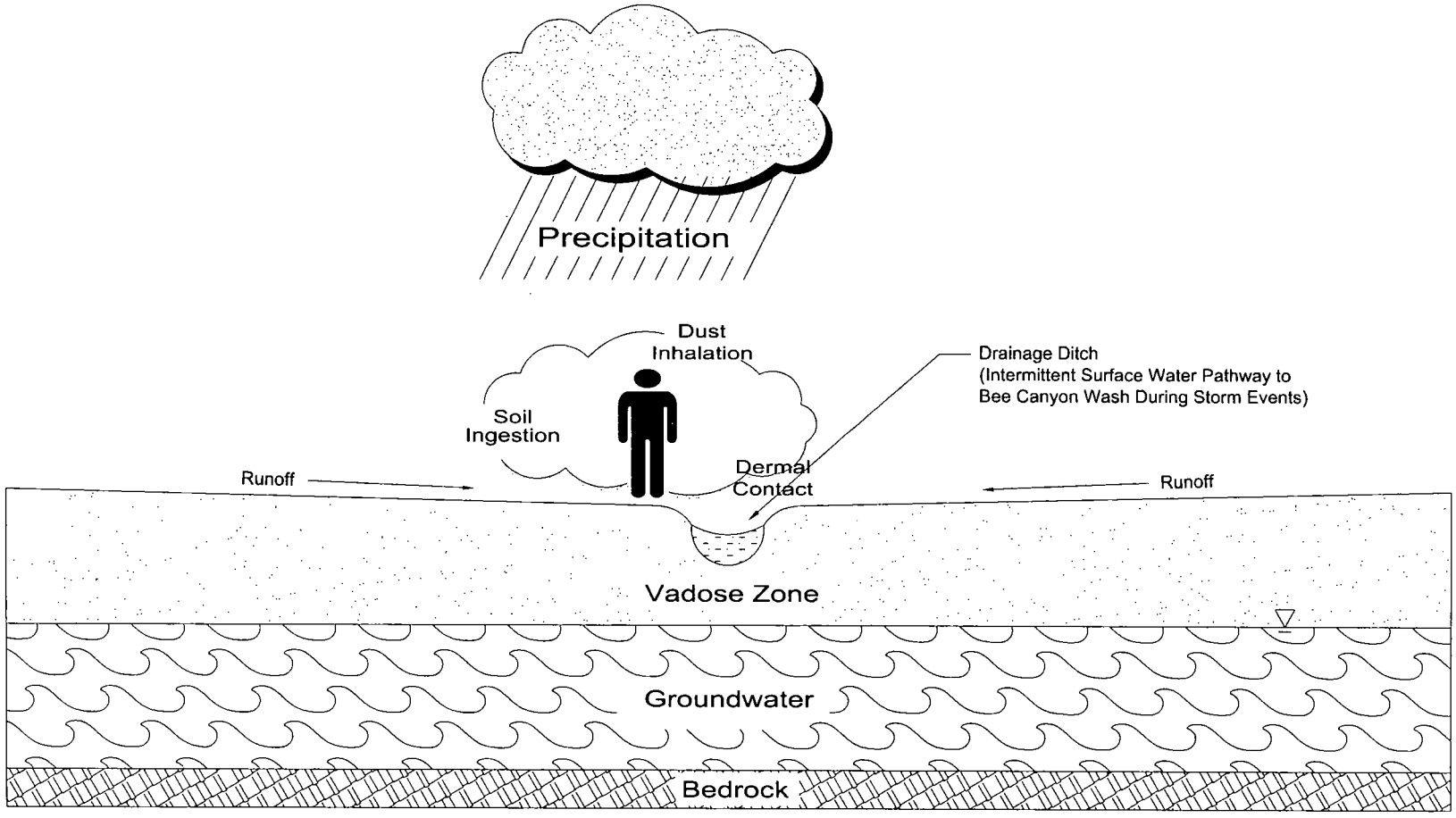

LEGEND

Potential Receptor
(Resident or Industrial Worker)

Record of Decision		Draft Final
Site 12 Conceptual Site Model IRP Sites 8 and 12		
Date: 11-06	Former MCAS El Toro	Figure 5-4
Project No. 29307		

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similar characteristics (chemically, physically, biologically, and geologically) to Site 8. The reference areas were located up gradient or cross gradient from Site 8.

Background radiation levels were measured using the same survey and sampling procedures as Units 1 and 4 of Site 8. The background radiation levels were established using the average radiological scan survey data and average soil sample analytical results obtained from survey and sampling performed in reference areas. The average background radiation level for scan surveys was established by scanning a rocky soil and asphalt area located north of Site 8 near Building 324 (see Figure 1-3). The average background concentration of Ra-226 for soil sampling was established by collecting samples for Ra-226 analysis in various non-impacted reference areas across the entire Former MCAS El Toro. These average values were used to differentiate statistically between naturally occurring radiation and residual radioactivity in any potentially impacted areas.

The analysis of results for radiological investigations was performed as follows:

- A derived concentration guideline level (DCGL) (Ra-226 concentration that results in a dose or specific risk equal to the release criterion) of 1 picocurie per gram (pCi/g) above background was established for Ra-226 at Site 8. The risk and dose modeling conducted in support of the FS Addendum for Site 8 (Earth Tech 2006) demonstrated that a Ra-226 concentration of 1 pCi/g above background satisfies the U.S. Nuclear Regulatory Commission's (NRC's) dose criteria of 25 millirems per year (mrem/y) and results in a risk within the risk management range of 10^{-6} to 10^{-4}, for residential (unrestricted release) scenario. Additionally, a cost-benefit analysis performed in the FS Addendum shows that this concentration of Ra-226 is as low as reasonably achievable (ALARA) (Earth Tech 2006).
- Radiological analyses performed on 15 background reference area soil samples collected throughout the Station yielded a mean background soil concentration for Ra-226 of 1.05 pCi/g. Using a DCGL of 1 pCi/g above the mean background, the total Ra-226 site-specific release level for the Site 8 was set at 2.05 pCi/g.
- The scan survey readings (in counts per minute [cpm]) were converted to equivalent soil concentrations of Ra-226 (in pCi/g) using the calculated instrument efficiency (cpm per pCi/g) and compared to scan minimum detectable concentrations (0.43 pCi/g [above background] for 3-inch by 3-inch NaI detector and 0.4 pCi/g [above background] for the 2-inch by 2-inch NaI detector) and the DCGL of 1 pCi/g above background.
- The concentrations of Ra-226 in soil samples were directly compared to the site-specific release level of 2.05 pCi/g.

It should be noted that groundwater was not addressed as a medium of potential concern during the radiological investigations because:

- The potential source of Ra-226 contamination is radium-containing components used on aircraft in the 1940s, 50s, and 60s, including, radioluminescent dials, gauges, and markers. The contamination resulting from these sources is likely to be restricted to the shallow surface soil.
- Radium is readily adsorbed by the soil. Therefore, it usually does not migrate vertically through the vadose zone. This along with site-specific considerations, including depth to groundwater of approximately 100 feet, low mean annual rainfall, and low average infiltration, suggest that there is very low potential for leaching of Ra-226 to the groundwater.

- The Stationwide evaluation of radionuclides in groundwater concluded that radionuclides at Former MCAS El Toro are naturally occurring (Earth Tech 2000, Earth Tech 2001).

Summary of Investigation Results

Out of a total of 89,356 high density scan survey readings, only 394 data points were observed to exceed the site specific release level (count rate equivalent to 1 pCi/g above background for the shielded 3-inch by 3-inch NaI detector and the unshielded 2-inch by 2-inch NaI detector, expressed in cpm). The average radiation levels were 7,707 cpm for the shielded 3-inch by 3-inch detector, and 10,998 cpm for the unshielded 2 inch × 2 inch detector. The highest individual scan survey readings were 87,073 cpm for the 3-inch by 3-inch detector, and 51,295 for the 2-inch by 2-inch detector. Figure 5-5 provides a colored graphical depiction of the various radiation levels detected using the high-density survey process. Table 5-8 provides a summary of the survey data results.

Of the 16 soil samples collected, 15 samples contained Ra-226 concentrations greater than the DCGL of 1 pCi/g above background. The concentrations of Ra-226 in these samples ranged from 7.5 to 329 pCi/g, and averaged 95.98 pCi/g (Table 5-9 and Figure 5-6).

During sampling of Units 1 and 4, eight radiological anomalies were removed. The removed items comprised three sheet-metal label tags, one small screw, two pieces of asphalt, and three scoops of soil/rock (Table 5-10 and Figure 5-6).

The analysis of the above data indicates that Ra-226 contaminated soil above DCGL is not evenly distributed at Units 1 and 4 of Site 8. There appear to be discrete patches of elevated Ra-226 distributed throughout Units 1 and 4 except in the northeastern and southwestern portions indicating the discrete nature of the sources of release (i.e., Ra-226 painted parts, gauges, dials, and markers).

5.2.2.3 Ra-226 Fate and Transport

Ra-226 is not stable and continuously decays to release radiation and form decay products. Radiation is released during the decay process in the form of alpha and beta particles, and gamma radiation. Alpha particles can travel only short distances and cannot penetrate human skin. Beta particles are generally absorbed in the skin and do not pass through the entire body. Gamma radiation, however, can penetrate the body. Isotopes of radium, including Ra-226 decay to form radioactive isotopes of radon gas. Radon is known to accumulate in homes and buildings (U.S. EPA 2002a).

Radium is readily adsorbed by the soil. Therefore, it usually does not migrate vertically through the vadose zone. This behavior coupled with low mean annual rainfall and low average infiltration at Site 8 (BNI 1997a), suggests that there is a limited potential for mobilization of Ra-226 by surface water runoff and soil infiltration. However, risk exists for mobilization of Ra-226 in the soil at Site 8 by wind erosion and fugitive dust, since Units 1 and 4 of Site 8 consist of gravel and bare soil.

5.2.2.4 Potential Exposure Pathways

Potential pathways for exposure to Ra-226 at Units 1 and 4 were identified in the FS Addendum considering a residential scenario since it is considered to be the most stringent of all potential land use scenarios. Four possible pathways through which potential on-site residents could be exposed to Ra-226 include, incidental ingestion of soil, inhalation of fugitive dust, external radiation exposure, and ingestion of homegrown produce.

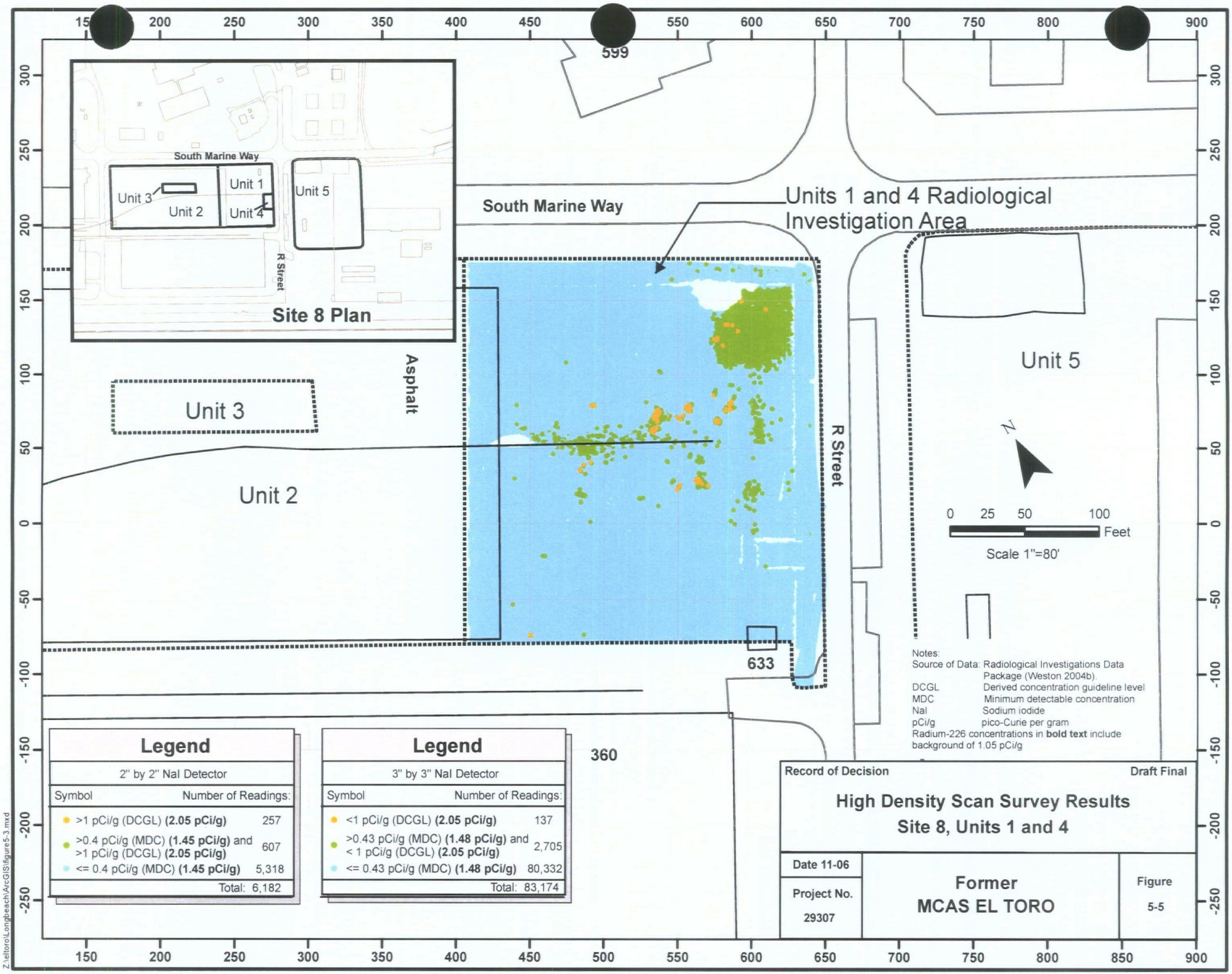
Site 8 Plan
South Marine Way
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
R Street
Units 1 and 4 Radiological Investigation Area
Asphalt
Unit 3
Unit 2
Unit 5
599
633
360
N
0 25 50 100
Feet
Scale 1"=80'
Notes:
Source of Data: Radiological Investigations Data Package (Weston 2004b).
DCGL Derived concentration guideline level
MDC Minimum detectable concentration
NaI Sodium iodide
pCi/g pico-Curie per gram
Radium-226 concentrations in **bold text** include background of 1.05 pCi/g
Legend
2" by 2" NaI Detector
Symbol Number of Readings:
>1 pCi/g (DCGL) **(2.05 pCi/g)** 257
>0.4 pCi/g (MDC) **(1.45 pCi/g)** and >1 pCi/g (DCGL) **(2.05 pCi/g)** 607
<= 0.4 pCi/g (MDC) **(1.45 pCi/g)** 5,318
Total: 6,182
Legend
3" by 3" NaI Detector
Symbol Number of Readings:
<1 pCi/g (DCGL) **(2.05 pCi/g)** 137
>0.43 pCi/g (MDC) **(1.48 pCi/g)** and < 1 pCi/g (DCGL) **(2.05 pCi/g)** 2,705
<= 0.43 pCi/g (MDC) **(1.48 pCi/g)** 80,332
Total: 83,174
Record of Decision
Draft Final
High Density Scan Survey Results
Site 8, Units 1 and 4
Date 11-06
Project No. 29307
Former MCAS EL TORO
Figure 5-5
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Table 5-8: Scan Survey Data Summary – Site 8, Units 1 and 4

Instrument (Scintillation Detector)	Total Survey Points	Maximum Reading (cpm)	Mean Reading (cpm)	Standard Deviation (cpm)	No. of Readings above DCGL
Shielded 3-inch × 3-inch NaI	83,174	87,073	7,707	1,472	137
Unshielded 2-inch × 2-inch NaI	6,182	51,295	10,998	3,739	257

Notes:
cpm counts per minute
DCGL Derived concentration guideline level
NaI sodium iodide

Table 5-9: Ra-226 Sampling Results – Site 8, Units 1 and 4

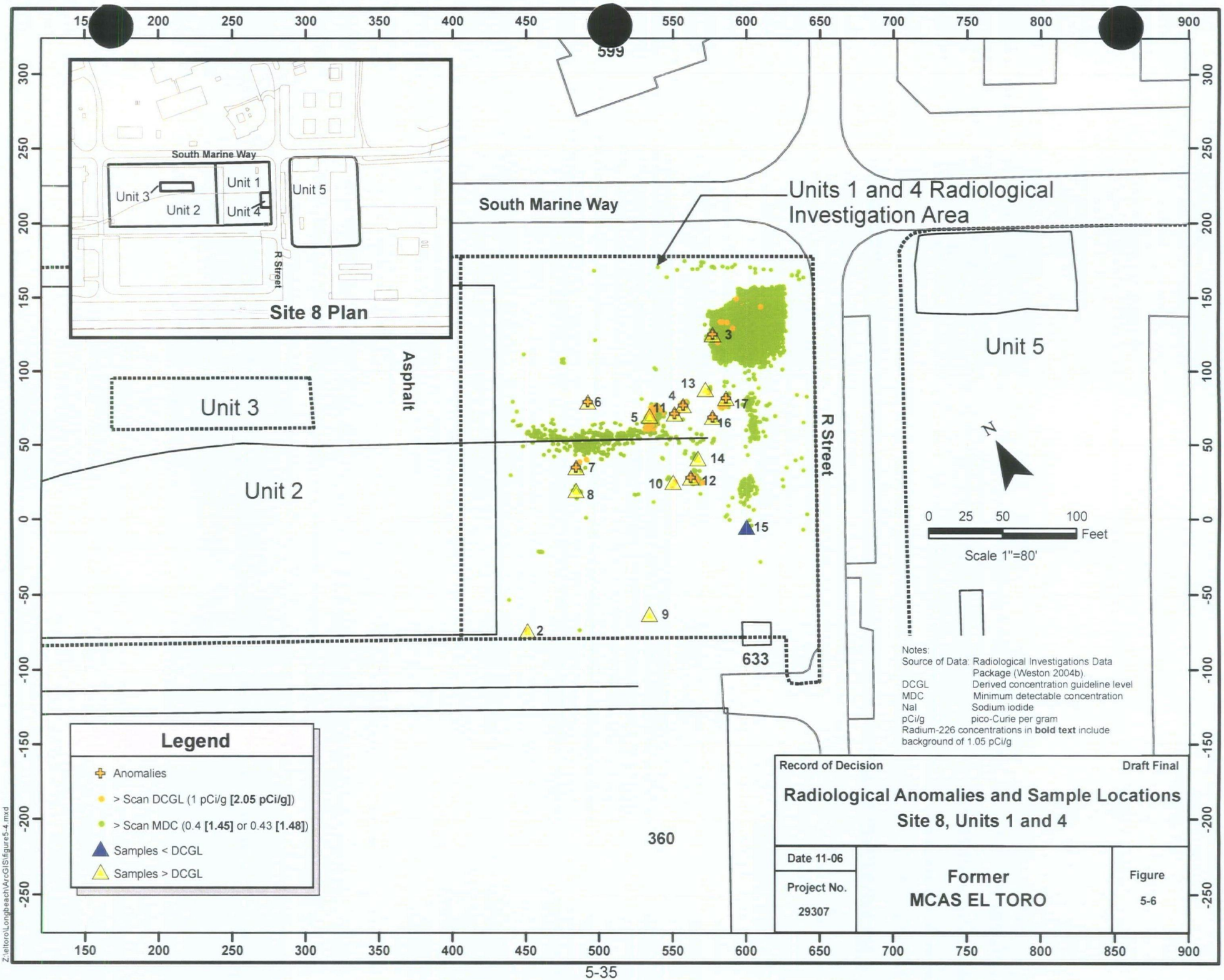
Sample Number[a]	Reading Before[b] (cpm)	Reading After[c] (cpm)	On Contact[d] (cpm)	Gamma Spectrometry Results	
				Ra-226 (pCi/g)	Estimated Error (pCi/g)
2	28,631	23,002	8,951	8.90	1.6
3	51,632	36,995	15,183	16.10	2.7
4	132,007	30,317	24,165	63.00	11
5	65,726	43,631	15,990	45.40	7.7
6	78,007	49,196	29,693	329.00	54
7	91,152	30,777	21,441	76.00	13
8	16,088	16,109	15,639	7.50	1.4
9	39,999	34,980	16,667	49.20	8.2
10	131,637	61,373	35,742	256.00	42
11	97,300	35,936	13,233	19.80	3.4
12	107,152	45,628	37,845	307.00	51
13	32,942	23,590	13,437	15.70	2.7
14	20,214	16,762	14,403	19.10	3.2
15	10,499	10,416	12,127	0.95	0.29
16	406,605	235,204	33,776	239.00	40
17	57,700	36,846	21,985	83.00	14
Average	**85,456**	**45,673**	**20,642**	**95.98**	

Notes:
[a] See Figure 5-4 for sampling locations.
[b] Highest 1-minute gamma reading observed on ground surface prior to collecting sample using 2-inch by 2-inch NaI detector.
[c] Highest 1-minute gamma reading observed on ground surface after sample has been collected using 2-inch by 2-inch NaI detector.
[d] On-contact 1-minute reading taken on outside of sample container using 2-inch by 2-inch NaI detector.
cpm counts per minute
pCi/g picocurie per gram
Ra-226 radium 226

Table 5-10: Radiological Anomalies Description – Site 8, Units 1 and 4

Anomaly[a] Number	Description	Anomaly On-Contact Reading[b] (cpm)
3	Chunk of asphalt	66,064
4	Small metal tag	109,199
6	Removed half a bag of rocks and dug to 6" depth; could not find any discrete sources	35,448
7	2 anomalies; one small screw and one scoop of dirt/rocks	140,736
11	Metal label plate ½-inch by 2-inch	188,972
12	One scoop of dirt with rocks	141,483
16	Chunk of asphalt; dug to 6 inches; could not find any discrete sources	83,121
17	Metal label plate ½-inch by 2-inch	62,249

Notes:
[a] See Figure 5-4 for anomaly locations.
[b] On-contact one-minute reading taken on outside of anomaly container using 2-inch by 2-inch NaI detector.
cpm counts per minute
NaI sodium iodide


Site 8 Plan
South Marine Way
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
R Street
South Marine Way
Units 1 and 4 Radiological Investigation Area
Unit 3
Unit 2
Asphalt
R Street
Unit 5
599
633
360
N
0 25 50 100 Feet
Scale 1"=80'
Legend
Anomalies
> Scan DCGL (1 pCi/g [2.05 pCi/g])
> Scan MDC (0.4 [1.45] or 0.43 [1.48])
Samples < DCGL
Samples > DCGL
Notes:
Source of Data: Radiological Investigations Data Package (Weston 2004b).
DCGL Derived concentration guideline level
MDC Minimum detectable concentration
NaI Sodium iodide
pCi/g pico-Curie per gram
Radium-226 concentrations in bold text include background of 1.05 pCi/g
Record of Decision
Draft Final
Radiological Anomalies and Sample Locations
Site 8, Units 1 and 4
Date 11-06
Project No. 29307
Former MCAS EL TORO
Figure 5-6
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6. CURRENT AND POTENTIAL FUTURE SITE AND RESOURCE USES

This section presents a summary of current and planned future land uses at Former MCAS El Toro. In addition, since Unit 3 of Site 12 consists of a drainage ditch that discharges into Bee Canyon Wash (surface water body), surface water uses are also discussed in this section.

6.1 LAND USE

Former MCAS El Toro provided material and support for Marine Corps aviation activities until the Station was closed in July 1999, as a part of the BRAC Act. At its maximum acreage, Former MCAS El Toro comprised about 4,740 acres. In 1998, approximately 25 acres in the southeastern portion of the Station were transferred to the California Department of Transportation (DOT). In 2001, approximately 901 acres in the northeast portion of the Base were transferred to the Federal Aviation Administration. In February 2005, approximately 3,700 acres were sold via public auction to a private developer. In July 2005, with the close of escrow, approximately 2,798 acres were transferred by deed (transferred portion) and 921 acres are being transferred pending completion of environmental investigations and response actions (leased portion). The remaining 74 acres of Former MCAS El Toro associated with IRP Site 1 are still under DON's ownership. Figure 6-1 presents carve-out areas and Navy sale parcels based on the Finding or Suitability to Transfer and Finding of Suitability to Lease documentation. IRP Sites 8 and 12 lie within the leased portion of the former Station and are currently not in use.

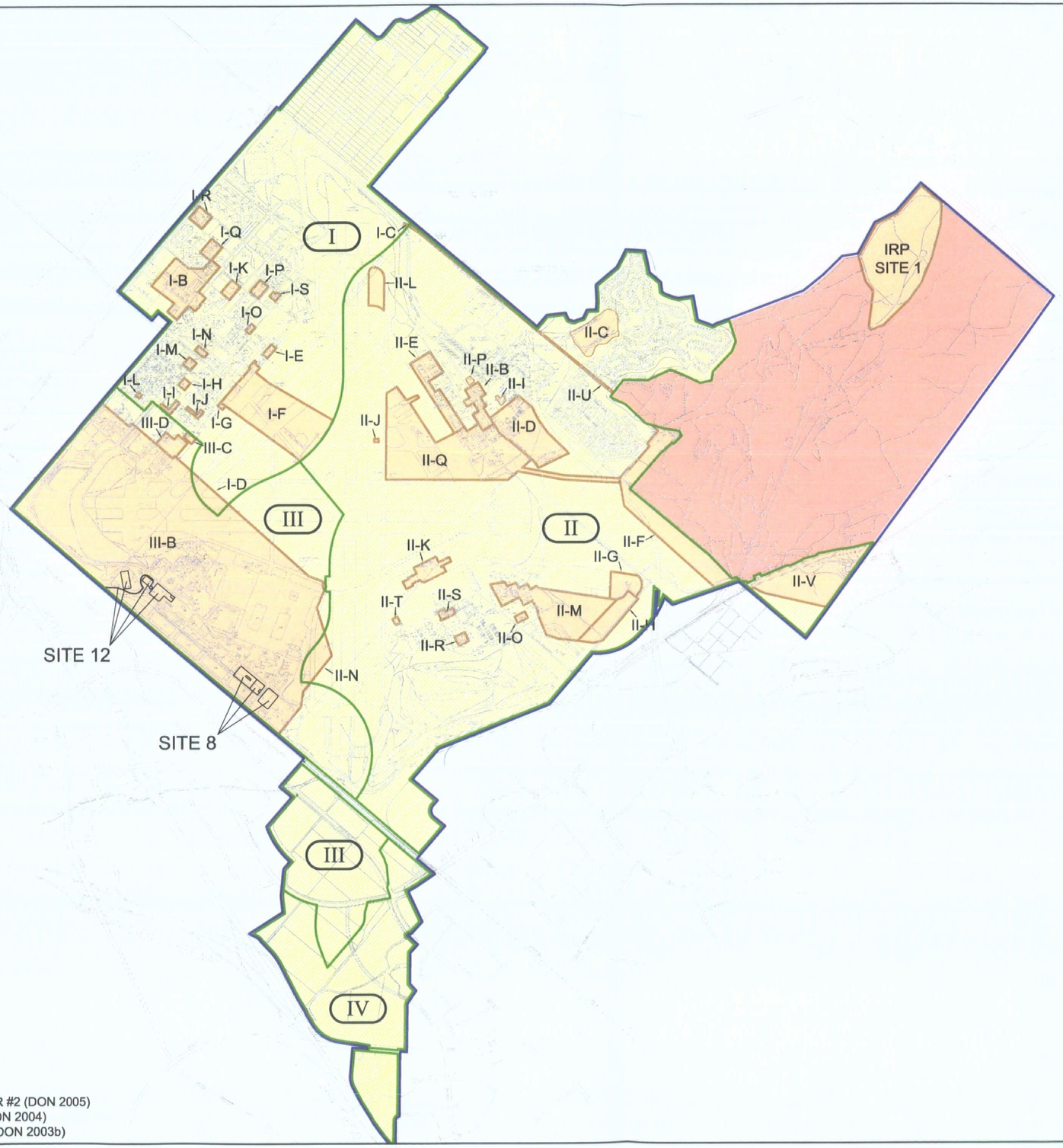
Historically, land use around Former MCAS El Toro has been largely agricultural. However, land to the south, southeast, and southwest has been developed over the past 10 to 15 years for commercial, light-industrial, and residential uses. Currently, expanding commercial areas adjoin the Station and additional residential areas are located to the northwest and west. Adjacent land to the northeast and northwest is used for agriculture.

Following closure, the DON finalized an Environmental Impact Report/Environmental Impact Study in March 2002 to evaluate several alternatives for the reuse of the Station. In March 2002, Measure W was approved under which the Orange County voters voted to create a park at Former MCAS El Toro site. In November 2003, the City of Irvine annexed the former Station property and developed the Great Park Plan for Former MCAS El Toro. Based on this Plan, IRP Sites 8 and 12 are in Planning Area 51 which is designated for institutional reuse. In accordance with the definitions provided in the City of Irvine zoning ordinance Division 1, Chapter 1-2, institutional use includes a nonprofit or quasipublic use such as church, library, public, or private school, hospital, or municipally owned or operated building, structure or land used for public purpose or not-for-profit housing. However, these future uses are not final since the final Master Plan for this area has not been approved. . "..

6.2 SURFACE WATER USES

Surface drainage near Former MCAS El Toro generally flows southwest, following the slope of the land and perpendicular to the trend of the Santa Ana Mountains. Several washes originate in the hills northeast of Former MCAS El Toro and flow through or adjacent to the Station en route to San Diego Creek. Off-Station drainage from hills and upgradient irrigated farmlands combines with Station runoff at Former MCAS El Toro and flows into four major drainage channels: Borrego Canyon Wash, Agua Chinon Wash, Bee Canyon Wash, and the Marshburn Channel. These washes were investigated as a part of Site 25 and no further action was proposed based on these investigations.

The drainage ditch at IRP Site 12 discharges to Bee Canyon Wash. Bee Canyon Wash flows into San Diego Creek just northeast of the intersection of the San Diego and Laguna Beach Freeways. Southwest of Former MCAS El Toro, the San Diego Creek flows through commercial and agricultural areas. Approximately 5 miles downstream from the Station, the Creek runs through a recreational area that includes hiking and bicycle paths. The San Diego Creek flows into Upper Newport Bay about 7 miles downstream from its intersection with the Marshburn Channel. Recreational uses of the bay include swimming and fishing. Upper Newport Bay is an ecological preserve used by migratory birds (BNI 1995).



LEGEND:

- DON OWNED
- FAA OWNED
- DISPOSED AREA
- NAVY SALE PARCEL BOUNDARY
- PROPERTY BOUNDARY
- II-K CARVE-OUT NUMBER
- III NAVY SALE PARCEL NUMBER

NORTH

0 2,500 FEET

SCALE: 1"= 2,500'

SOURCE:
FINDING OF SUITABILITY TO TRANSFER #2 (DON 2005)
FINDING OF SUITABILITY TO LEASE (DON 2004)
ENVIRONMENTAL BASELINE SURVEY (DON 2003b)

Record of Decision — Draft Final

Carve-Out Areas and Navy Sale Parcels

IRP Sites 8 and 12

Date: 11-06	Former MCAS El Toro	Figure 6 -1
Project No. 29307		

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7. SUMMARY OF SITE RISKS

This section presents a summary of the results of the HHRA pertaining to the potential exposure to non-radiological COPCs at Sites 8 and 12, and radiological COPC (Ra-226) at Units 1 and 4 of Site 8. An ecological risk assessment was not performed for Sites 8 and 12 because a habitat assessment performed for these sites in May 1995 indicated an absence of significant plant and wildlife habitat (BNI 1997a).

7.1 HUMAN-HEALTH RISK ASSESSMENT – NON-RADIOLOGICAL CHEMICALS OF POTENTIAL CONCERN

A HHRA was conducted for Sites 8 and 12 using data collected during the Phase I and Phase II RIs (BNI 1997a). This risk assessment was updated to incorporate latest exposure factors and toxicity indices, and the soil sampling data collected subsequent to the Phase II RI (Earth Tech 2003a). The human-health risk evaluation methodology is provided in Section 6 of the draft final Phase II RI Report for OU-3A sites (BNI 1997a) and *Final Technical Memorandum, Reevaluation of Risk, Sites 8, 11, and 12* (Earth Tech 2003a).

7.1.1 Identification of Chemicals of Potential Concern

COPCs are chemicals used to characterize the risk. The identification of COPCs for Sites 8 and 12 was based on surface data collected from 0 to 2 feet bgs and on shallow-soil data collected from 0 to 10 feet bgs during Phase I and II RI, and May 1999 investigations. The procedure for identification of COPCs eliminated the following chemicals that are unlikely to pose a risk to human health:

- Naturally occurring inorganic chemicals (metals) for which the concentrations are within the range considered normal for the area around the site, and
- Essential nutritional elements of very low toxicity (i.e. calcium, iron, magnesium, potassium, or sodium) present at low concentrations (BNI 1997a).

7.1.2 Exposure Assessment

An exposure assessment identifies the populations at potential risk and the mechanisms by which members of these populations could be exposed to the COPCs in each medium. It is also a process by which the chemical concentrations at the point of exposure and chemical doses are calculated.

7.1.2.1 RECEPTOR ANALYSIS

A receptor analysis is a conceptualized site-specific scenario that identifies the human population at risk and the activities that members of that population would be engaged in to make exposure possible. Exposure settings are typically based on land use.

Because Former MCAS El Toro is a closed facility, the exposure assessment focused on people who might be exposed to contaminants while they live, work, or play directly on each site. Exposure to people who live, work, or play in communities surrounding Former MCAS El Toro is possible through movement of chemical vapors and contaminated dust from the Station to off-Station areas. However, even if no mitigating action were taken, because those people are farther from the sites, they will receive less exposure than people who spend much of each day on-site.

To provide risk managers with the information necessary to make appropriate decisions, three receptor groups were evaluated in the risk assessment, including child resident, adult resident, and industrial worker. Under the current reuse plan, Sites 8 and 12 are in an area zoned for institutional use (see Section 6). Risk under the residential use scenario is considered to provide a conservative upper bound estimate of risk under the institutional use.

7.1.2.2 EXPOSURE PATHWAYS

An exposure pathway is the means by which a contaminant moves through the environment from the source to a receptor. Exposure pathways are identified through an analysis of distribution of the COPCs in the environment, and the physical and chemical properties of the COPCs. For a pathway to be complete, all of the following elements must be present: a contaminant source and mechanism of contaminant release, an environmental transport medium, an exposure point, and an exposure route.

Exposure of potential receptors (child resident, adult resident, and industrial worker) to non-radiological COPCs in the soil at Sites 8 and 12 could occur via the following exposure pathways:

- Ingestion of soil
- Dermal contact with the soil
- Inhalation of vapors and particulates that have been released from the soil

Exposure of the industrial worker was considered to be limited to contaminants in surface soils (0 to 2 feet bgs), whereas it was considered that the resident could be exposed to contaminants present from 0 to 10 feet bgs (shallow soils).

7.1.2.3 EXPOSURE-POINT CONCENTRATION

An EPC is the concentration of a chemical in the contaminated medium (e.g., soil) at the point of contact with a receptor (e.g., resident). Exposure conditions used in the estimation of risk were chosen to represent what is known as "reasonable maximum exposure" (RME). Use of these exposure conditions tends to overestimate the risk. This effort to overestimate the risk is deliberate; it provides risk managers a margin of safety when they make cleanup decisions.

Under RME conditions, the U.S. EPA specifies using the 95 percent upper confidence limit (UCL) of the average measured chemical concentrations. In calculating the 95 percent UCLs for Sites 8 and 12, the data were tested for normality and lognormality. Sets of data that failed these tests were analyzed using a nonparametric approach, and the 95 percent UCLs were calculated accordingly. The maximum concentration was used as the EPC instead of the 95 percent UCLs under the following conditions:

- The 95 percent UCL of a chemical exceeded its highest measured concentration; or
- There are fewer than four concentrations above the limits of detection (BNI 1997a).

For the resident child and adult, shallow-soil (0 to 10 feet bgs) concentrations were used to calculate the EPCs. For the industrial worker, surface-soil (0 to 2 feet bgs) concentrations were used in the calculation of the EPCs. Appendix C of the *Final Technical Memorandum, Reevaluation of Risk, Sites 8, 11, and 12* (Earth Tech 2003a) identifies the EPCs of each chemical.

7.1.2.4 ESTIMATION OF DOSE RATE

Dose rate is the amount of chemical to which a receptor is exposed per unit of body weight and time. Dose rates were estimated by integrating intake variables (e.g. ingestion rate, body weight, and exposure duration) with the contaminant concentration. The combination of all intake variables results in an estimate of exposure for each pathway. The specific equations for each exposure scenario and the values assigned to the equation parameters are provided in Appendix K of the Phase II RI Report (BNI 1997a).

7.1.3 Toxicity Assessment

The objective of the toxicity assessment is to determine the relationship between dose and toxic response of each COPC. From the relationship, an estimate of toxic potency is developed for use in characterizing risk. The toxicity assessment identifies toxicity criteria (values) for each of the chemicals chosen for inclusion in the risk assessment and the kinds of effects each of the chemicals are capable of producing. Toxicological chemical effects fall into two categories: those that could potentially cause cancer (carcinogens) and those that cause other types of health effects (e.g., liver damage [noncarcinogens]).

Each of the toxicological chemical effects is described by assigning a toxicity factor. Toxicity factors are numbers that indicate the toxicity of the chemicals. The toxicity factor for carcinogenic effects is called a cancer slope factor (CSF), and the toxicity factor for noncarcinogenic effects is called a reference dose (RfD). Chemicals that show a potential for both carcinogenic and noncarcinogenic health effects are assigned both slope factors and reference doses. In addition to the U.S. EPA-derived CSFs, Cal-EPA has developed CSFs for a group of carcinogens. Following the DON policy, both the U.S. EPA and the Cal-EPA slope factors were used in the estimation of the risk from those chemicals when present. CSFs and RfDs are derived from the results of human epidemiological studies or chronic animal bioassays to which animal-to-human extrapolation and uncertainty factors have been applied. These uncertainty factors help ensure that the toxicity values will not underestimate the potential for carcinogenic and adverse noncarcinogenic effects to occur.

7.1.4 Risk Characterization

The final step in any risk assessment is the characterization of risk in which the exposure and toxicity information are integrated to evaluate the potential health risks. Cancer and noncancer risks are quantified separately.

7.1.4.1 Cancer Risk

The equation specified in the U.S. EPA Risk Assessment Guidance for Superfund (U.S. EPA 1989) for estimating cancer risk is:

Cancer risk = CSF × estimated dose rate

Cancer risk is an upper-bound estimate of individual excess probability of increased cancer incidence resulting from exposure to a potential carcinogen. The cancer risks presented by different carcinogens are added across all of the exposure pathways and intake routes to obtain an estimate of overall risk.

A cancer risk of 1×10^{-6} indicates that, as a plausible upper bound, an individual has a one in a million chance of developing cancer as a result of site-related exposure to a carcinogen during a 70-year lifetime under the specific exposure conditions at a site. Risks of 10^{-6} or less are considered acceptable by the U.S. EPA. Risks between 10^{-6} and 10^{-4} require a risk management decision as to whether remedial action is required. Risks greater than 10^{-4} are considered unacceptable.

7.1.4.2 Noncancer Health Effects

The equation specified for estimating noncancer risk is (U.S. EPA 1989):

Noncancer risk = estimated dose rate/RfD

This ratio of dose to nontoxic dose is called hazard quotient. The hazard quotient is a measure of whether or not the estimated dose of a chemical exceeds the highest toxic dose (i.e., the RfD).

Nontoxic effects are considered likely to occur when the hazard quotient exceeds 1.0. The likelihood of effects increases as the ratio increases above 1.0. A conservative estimate of the hazard associated with exposure to all chemicals by a specific pathway, such as inhalation pathway, is obtained by summing the hazard quotient of the chemicals associated with the pathway. The sum of hazard quotients is called a hazard index (HI).

HIs are not probabilities. An HI is a ratio of an exposure level to a nontoxic level. Because an HI value of 1 indicates that lifetime exposure has limited potential for causing an adverse effect in sensitive populations, values of less than 1 can generally be considered acceptable. Values greater than 1 are usually given closer attention.

7.2 Human-Health Risk Assessment – Radiological Constituents

The two methods used for calculating adverse health effects associated with radiation exposure are as follows:

- Risk assessment: This approach is similar to that described in Section 7.1.
- Dose assessment: This approach consists of calculating dose by multiplying a dose conversion factor (expressed in terms of unit dose per unit intake) for a given radionuclide by the total intake/exposure to that radionuclide (i.e., ingestion, inhalation, or external exposure).

Screening level risk and dose assessments were conducted to quantify human health effects associated with exposure to Ra-226 at Units 1 and 4 of Site 8. The risk screening consisted of calculation of incremental risk to a residential receptor due to exposure to average concentration of Ra-226 above naturally-occurring background concentration, using the U.S. EPA's PRG Calculator for radionuclides (U.S. EPA 2002b). The screening level dose assessment was conducted by calculating the total effective dose equivalent (TEDE) for a residential receptor based on the average Ra-226 concentration above background in the soil samples, using the U.S. NRC dose assessment software, Decommissioning and Decontamination (DandD) Version 2.1.0. The detailed methodology for screening level risk and dose assessments is presented in the *Final Feasibility Study Addendum, Operable Unit 3A, Installation Restoration Program Site 8* (Earth Tech 2006).

7.2.1 Exposure Assessment

7.2.1.1 Receptor Analysis and Exposure Pathways

Former MCAS El Toro is a closed installation. Under the current reuse plan, Site 8 is in an area zoned for institutional use (see Section 6). However, residential land-use was assumed for the risk assessment since it is considered to provide a conservative upper-bound estimate of risk under the institutional use. The following exposure pathways were considered for residential receptors:

- Incidental ingestion of soil
- Inhalation of fugitive dust
- External radiation exposure
- Ingestion of home-grown produce

Homegrown produce for the residential scenario in the U.S. EPA PRG Calculator constitutes fruits and vegetables. Home-grown produce for the residential scenario in the NRC DandD Code constitutes fruits, vegetables, grains, beef, poultry, milk, eggs, and fish.

7.2.1.2 EXPOSURE-POINT CONCENTRATION

The average concentration of Ra-226 in the samples collected from Units 1 and 4 of Site 8 was estimated to be 95.98 pCi/g. Radiological analyses performed on 15 background reference area soil samples collected throughout the Station yielded a mean background soil concentration for Ra-226 of 1.05 pCi/g. Therefore, an incremental (above naturally-occurring background) Ra-226 concentration of 94.93 pCi/g (95.98 pCi/g minus 1.05 pCi/g) was used as an EPC in the screening risk assessment.

7.2.2 Toxicity Assessment

As described in Section 7.1.3, the objective of the toxicity assessment is to determine the relationship between dose and toxic response of each COPC. From the relationship, an estimate of toxic potency is developed for use in characterizing risk. The U.S. EPA classifies Ra-226 as a known human carcinogen. The CSF used in characterizing risk due to exposure (ingestion, inhalation, or external) to Ra-226 is from Health Effects Assessment Summary Tables.

7.2.3 Risk Characterization

Cancer risk due to exposure to Ra-226 at Units 1 and 4 of Site 8 was estimated using U.S. EPA PRG Calculator for radionuclides (U.S. EPA 2002b).

7.2.4 Screening Dose Assessment

The screening level dose assessment was conducted by calculating TEDE for a residential receptor due to exposure to Ra-226 at Units 1 and 4 of Site 8 using NRC's dose assessment software, DandD Version 2.1.0.

7.3 RISK CHARACTERIZATION RESULTS

The risk estimates generated for Sites 8 and 12 using methodologies described in Sections 7.1 and 7.2 are presented in Table 7-1. Cancer risks reported in the table for non-radiological COPCs are based on Cal-EPA CSFs since these cancer risks were greater than the risks based on the U.S. EPA CSFs.

7.3.1 No Further Action Units

This ROD selects no action for Site 8, Units 2 and 5; and Site 12, Units 1, 2, and 4. Risk management considerations leading to this decision are summarized in Table 7-2 and are discussed below.

7.3.1.1 SITE 8, UNIT 2

The noncancer risk for the combined area of Site 8, Units 2 and 3 exceeds an HI of 1. However, this exceedence is due to the presence of Aroclors 1248, 1254, and 1260 contained completely within Unit 3. At Unit 2, arsenic is the predominant risk driver; however, the EPC for arsenic is less than its established background concentration for Former MCAS El Toro. Additionally, no site-related activities involved the use of arsenic. Arsenic occurs naturally in native soil on and off Former MCAS El Toro property.

7.3.1.2 SITE 8, UNIT 5

The primary risk drivers at Site 8, Unit 5 include PAHs (indeno[1,2,3-cd]pyrene and benzo[b]fluoranthene). Evaluation of the Phase I RI and Phase II RI data indicated that the indeno(1,2,3-cd)pyrene and benzo(b)fluoranthene concentrations were flagged with qualifiers

indicating uncertainty in the analytical results. Additional sampling conducted in Phase I RI and Phase II RI sampling areas in May 1999 did not confirm the presence of indeno(1,2,3-cd)pyrene and benzo(b)fluoranthene. Elimination of these PAHs results in a cancer risk of less than 10^{-6}.

7.3.1.3 SITE 12, UNIT 1

No response action is required at Site 12, Unit 1 since the compound MCPP, which is the primary contributor to the HI was only detected in a single concentration out of 12 samples collected. Other risk drivers including arsenic, aluminum, and manganese appear to be related to natural conditions. (No site-related activities involved the use of arsenic or manganese). The concentrations of PAHs, PCBs and metals are confined to the upper 5 feet below the ground surface and do not present a risk to groundwater (95 feet bgs). Based on these facts, as well as the conservative nature of the risk assessment calculations (using the maximum concentrations of COPCs when most chemicals were only reported once), a response action is not warranted at Site 12, Unit 1.

7.3.1.4 SITE 12, UNITS 2 AND 4

The primary risk drivers at Site 12, Units 2 and 4 include arsenic, aluminum, and manganese. No site related activities involved the use of arsenic, aluminum, and manganese. These metals occur at concentrations consistent with native soil on and off Former MCAS El Toro property.

7.3.2 Further Action Units

This ROD selects remedial action for Site 8, Units 1, 3, and 4; and Site 12, Unit 3. Risk management considerations leading to these decisions are summarized in Table 7-2 and are discussed below.

7.3.2.1 SITE 8, UNITS 1 AND 4

The cancer risk due to an incremental concentration of Ra-226 above naturally occurring background levels at Units 1 and 4 of Site 8 was estimated to be 7.7×10^{-3}. The DandD software yielded a TEDE of 3,800 mrem/y, which exceeds the typical regulatory release limit of 25 mrem/y. The cancer risk at Units 1 and 4 of Site 8 exceeds 10^{-4} and is unacceptable. The remedial action at Site 8, Units 1 and 4 will involve removal of approximately 1,250 bank cubic yards (bcy) of Ra-226 contaminated soil.

7.3.2.2 SITE 8, UNIT 3

The HHRA for Unit 3 was conducted in conjunction with Unit 2. Based on the results of the HHRA, if no remediation occurred at Site 8, Units 2 and 3, the excess cancer risk for residential and industrial scenarios would be 1.1×10^{-5} and 1.4×10^{-6}, respectively, both of which are within the risk management range of 10^{-6} to 10^{-4}. The HI for Site 8, Units 2 and 3 is less than 1 under the industrial scenario and 1.2 under the residential scenario. The noncancer risk drivers under the residential scenario are Aroclors 1248, 1254, and 1260; arsenic; and manganese. Both arsenic and manganese concentrations at Units 2 and 3 are consistent with ambient levels and are related to natural conditions; no site-related activities involved the use of arsenic or manganese. Therefore, site-related chemicals that are risk drivers for Units 2 and 3 are Aroclors 1248, 1254, and 1260.

Table 7-1: Sites 8 and12 Risk Assessment Results and Recommendations [a]

IRP Site Number	Site Name	Unit Number	EXCESS LIFETIME CANCER RISK				NONCANCER RISK (Hazard Index)				Recommendations
			Residential Scenario (0-foot to 10 feet bgs)[b] Cal-EPA	Residential Scenario Risk Drivers[c]	Industrial Scenario (0-foot to 2 feet bgs) U.S. EPA/Cal-EPA	Industrial Scenario Risk Drivers[c]	Residential Scenario (0-foot to 10 feet bgs)[d]	Residential Scenario Risk Drivers	Industrial Scenario (0 foot to 2 feet bgs)[d]	Industrial Scenario Risk Drivers[c]	
8	Defense Reutilization and Marketing Office Storage Area	1, 4 (Non-radiological COPCs)	3.7×10^{-6}	Benzo(a)pyrene (52%) Aroclor 1248 (28%) Toxaphene (7%) Indeno(1,2,3-cd)pyrene (5%) Aroclor 1254 (2%) Aroclor 1260 (2%)	1.1×10^{-6}	Benzo(a)pyrene (50%) Aroclor 1248 (26%) Aroclor 1260 (9%) Indeno(1,2,3-cd)pyrene (5%) Toxaphene (5%) Aroclor 1254 (2%) Aroclor 1260 (2%)	0.5	—[e]	0.04	—[e]	No further action recommended.
		1, 4 (Radiological COPC)	7.7×10^{-3}	Ra-226 (100%)	—[f]	—[f]	—[g]	—[e]	—[g]	—[e]	Further action recommended.
		2, 3	1.1×10^{-5}	Arsenic (65%) Aroclor 1254 (13%) Aroclor 1248 (8%) Aroclor 1260 (7%) Dibenz(a,h)anthracene (3%) Dieldrin (3%)	1.4×10^{-6}	Arsenic (89%) Dibenz(a,h)anthracene (8%) Indeno(1,2,3-cd)pyrene (3%)	1.2	Aroclor 1254 (28%) Aroclor 1248 (17%) Aroclor 1260 (15%) Arsenic (13%) Manganese (11%) Antimony (9%) Vanadium (5%)	0.02	—[e]	No further action recommended for Unit 2[h]. Further action recommended for Unit 3[h].
		5 (including PAHs)	4.3×10^{-5}	Indeno(1,2,3-cd)pyrene (93%) Benzo(b)fluoranthene (6%)	1.4×10^{-5}	Indeno(1,2,3-cd)pyrene (86%) Arsenic (8%) Benzo(b)fluoranthene (6%)	0.6	—[e]	0.02	—[e]	No further action recommended.
		5 (excluding PAHs)	3.0×10^{-7}	Aroclor 1260 (53%) 4,4'-DDD (28%) Chromium (12%) 4,4'-DDE (7%)	1.2×10^{-6}	Arsenic (97%) 4,4'-DDD (1.5%)	0.6	—[e]	0.02	—[e]	
12	Sludge-Drying Beds	1	2.5×10^{-5}	Benzo(a)pyrene (35%) Arsenic (33%) Dibenz(a,h)anthracene (16%) Benz(a)anthracene (4%) Benzo(b)flouranthene (4%) Aroclor 1254 (4%) Indeno(1,2,3-cd)pyrene (2%)	6.9×10^{-6}	Benzo(a)pyrene (37%) Arsenic (29%) Dibenz(a,h)anthracene (17%) Benzo(b)fluoranthene (5%) Benz(a)anthracene (4%) Aroclor 1254 (4%) Indeno(1,2,3-cd)pyrene (2%)	2.6	MCPP (53%) Aroclor 1254 (10%) Aluminum (7%) Arsenic (7%) Manganese (7%) Silver (6%) MCPA (3%) Vanadium (3%)	0.1	—[e]	No further action recommended.
		2 and 4	1.4×10^{-5}	Arsenic (89%) Dibenz(a,h)anthracene (4%) Benzo(a)pyrene (2%)	3.4×10^{-6}	Arsenic (55%) Dibenz(a,h)anthracene (21%) Benzo(a)pyrene (9%) Benz(a)anthracene (3%) Benzo(b)fluoranthene (2%) Indeno(1,2,3-cd)pyrene (2%) Aroclor 1260 (2%)	1.1	Arsenic (26%) Aluminum (24%) Manganese (17%) MCPA (10%) Vanadium (9%) MCPP (4%) Barium (3%) Aroclor 1254 (2%) Aroclor 1260 (2%)	0.05	—[e]	No further action recommended.
		3	2.1×10^{-5}	Arsenic (41%) Dibenz(a,h)anthracene (14%) Benzo(a)pyrene (13%) Dieldrin (11%) 4,4'-DDT (9%) Benzo(b)fluoranthene (6%) 4,4'-DDE (2%)	7.4×10^{-6}	Aroclor 1254 (34%) Arsenic (22%) Benzo(a)pyrene (11%) Aroclor 1260 (9%) Dibenz(a,h)anthracene (7%) Dieldrin (7%) Benzo(b)fluoranthene (5%) 4,4'-DDT (3%)	3.3	MCPP (67%) Aluminum (8%) Arsenic (6%) Manganese (5%) 4,4'-DDT (3%) Vanadium (3%) Aroclor 1260 (2%)	0.4	—[e]	Further action recommended.

Notes:

% - percent
bgs – below ground surface
Cal-EPA – California Environmental Protection Agency
COPC – chemical of potential concern
DDT – dichlorodiphenyltrichloroethane
DDE – dichlorodiphenyldichloroethylene
MCPP – 2-(2-methyl-4-chlorophenoxy)-propionic acid

[a] The risk assessment results presented are from risk reevaluation conducted subsequent to Phase II RI (Earth Tech 2003)
[b] Cancer risk results shown are for the hypothetical residential adult; adult cancer risks are higher than the child cancer risks
[c] As determined by the human-health risk assessment, the number in parentheses is the compound's contribution to total risk
[d] Systemic toxicity results shown are for the hypothetical resident child; child noncancer risks are higher than the adult cancer risks
[e] Indicates that there is no excess risk and therefore there are no risk drivers.
[f] Risk due to Ra-226 contamination was not evaluated for the industrial scenario
[g] No noncancer risk is associated with exposure to Ra-226
[h] Aroclors 1248, 1254, and 1260 are the principal site-related risk drivers for Units 2 and 3. However, these compounds were only detected at Unit 3; therefore, further action was recommended only at Unit 3.

Table 7-2: Sites 8 and12 Risk Management Considerations and Recommended Actions

Site	Unit	Cancer Risk[a]	Noncancer Risk[a]	Risk Management Considerations	Recommended Actions
Site 8	**Units 1 and 4** (Radiological contamination)	7.7 additional cases in 1,000	N/A	The average concentration of radium is estimated at 95.98 pCi/g, while the cleanup goal is 2.05 pCi/g, which includes background radium at 1.0 pCi/g. The cancer risk exceeds $1x10^{-4}$ and is unacceptable.	Proposed Remedial Action – remove and dispose of radium-contaminated soil from the shallow surface soil (maximum estimated volume of approximately 1,250 bank cubic yards)
	Units 1 and 4 (Non-radiological contamination)	3.7 additional cases in 1,000,000	0.5	The primary risk drivers include benzo(a)pyrene (PAH) and Aroclor-1248 (PCB). Aroclor 1248 was detected only once and benzo(a)pyrene was detected twice. The use of their maximum concentrations in the risk assessment results in an overestimation of risk.	No Further Action (The action to excavate radium will also remove other contaminants)
	Units 2 and 3	1.1 additional cases in 100,000	1.2	At Unit 2, arsenic, which occurs naturally in native soil on- and off-Station property, is the predominant risk driver. Risk to residential receptors is overestimated since no site-related military activities involved the use of arsenic. The principal site-related risk-drivers including Aroclors 1248, 1254, and 1260 were not detected at Unit 2.	No Further Action
				At Unit 3, soil beneath the refuse pile formerly located at this unit was contaminated with PCBs. During construction activities, prior to the remedial investigation, most of the PCB-contaminated soil was removed. Sampling results indicate that not all of the PCB-contaminated soil was removed.	Proposed Remedial Action – remove remaining PCB-contaminated soil (approximately 270 bank cubic yards)
	Unit 5	4.3 additional cases in 100,000 (including PAHs) 3 additional cases in 10,000,000 (excluding PAHs)	0.6 0.6	Principal risk drivers are PAHs. The remedial investigation data for these compounds is flagged with qualifiers indicating uncertainty in the confirmation/identification. Additional data collected did not confirm the presence of these compounds. Elimination of these PAHs results in a cancer risk of less than 1 additional case in 1,000,000.	No Further Action
Site 12	**Unit 1**	2.5 additional cases in 100,000	2.6[b]	A remedial action at Unit 1 is not appropriate because the compound that is the primary contributor to the HI was only detected in a single concentration out of 12 samples collected. No site related activities involved the use of arsenic or manganese; and the fact that concentrations of PAHs, pesticides, PCBs, and metals are confined to the upper 5 feet below the ground surface and are not mobile.	No Further Action

Table 7-2 (continued)

Site	Unit	Cancer Risk[a]	Noncancer Risk[a]	Risk Management Considerations	Recommended Actions
Site 12	**Units 2 and 4** (Evaluated as one area)	1.4 additional cases in 100,000	1.1	The cancer risk value is within the allowable range. Although the noncancer risk value is slightly above the allowable range, most of this risk is associated with the metals manganese and arsenic. No site related activities involved the use of arsenic or manganese. These metals occur naturally in native soil on and off-Station property.	No Further Action
	Unit 3	2.1 additional cases in 100,000	3.3	The concentrations and types of contaminants are similar to those at IRP Site 12 Unit 1; however, this unit is a drainage ditch that conveys surface water runoff into Bee Canyon Wash approximately 50 feet upstream of the Station boundary. PCB and PAH-contaminated soil in this unit may be transported off-site and eventually off-Station.	Proposed Remedial Action – remove contaminated soil to prevent migration of contaminants offsite (approximately 1,500 to 4,000 bank cubic yards)

Notes:

[a] to manage carcinogenic risk and protect human health, U.S. EPA follows the protective risk ranges established by the NCP: greater than 100 additional cancer cases in a population of 1,000,000 are unacceptable; between 10 and 100 additional cancer cases in a population of 1,000,000 can be generally acceptable; and less than 10 additional cancer cases in a population of 1,000,000 are acceptable. For noncancer risks, hazard index greater than 1 needs to be evaluated further; hazard index of 1 is generally considered allowable; and hazard index of less than 1 is acceptable.

[b] Noncancer risk generally considered allowable because value is associated with a pesticide that was present in only one sample.

HI – hazard index

N/A – not applicable

PAHs – polynuclear aromatic hydrocarbons

PCB – polychlorinated biphenyl

pCi/g – pico-Curie per gram

Aroclors 1254, 1248, and 1260 were only present in Unit 3 (the former location of the refuse pile). The top 2 feet of the soil formerly beneath the refuse pile (approximately 229 cubic yards) was excavated and removed from Site 8 by a paving contractor. Prior to disposal, the soil removed from Unit 3 was characterized, and the soil sample analytical results indicated that the concentrations of total PCBs ranged from 0.1 U to 20.0 mg/kg with a mean concentration of 6.37 mg/kg (BNI 1997a). Not all of the PCB-contaminated soil was removed from Unit 3 since only the top two feet of soil was removed whereas the Phase I RI sampling results indicated PCBs to depths of 4 feet. The Phase I RI sampling results combined with the results of the Phase II RI suggest that the remaining PCB-contamination is limited to shallow soil in an approximate 35- by 70-foot rectangular area (2,450 square feet) encompassing the northern half of Unit 3 (BNI 1997a). Because not all the PCB-contaminated soil was removed from Unit 3, a remedial action is necessary to remove the remaining PCB-contaminated soil located in the western half of the unit (approximately 270 bcy).

7.3.2.3 Site 12, Unit 3

Based on the results of the HHRA, if no remediation occurs at Site 12, Unit 3, the excess cancer risk under the residential scenario would be 2.1×10^{-5} and the excess cancer risk for the industrial scenario would be 7.4×10^{-6}. The excess cancer risk values are within the risk management range of 10^{-6} to 10^{-4}. The cancer risk drivers for the residential scenario include arsenic; dibenz(a,h)anthracene; benzo(a)pyrene; dieldrin; 4,4'-DDT; benzo(b)fluoranthene; and 4,4'-dichlorodiphenyldichloroethene. The risk drivers for the industrial scenario include Aroclors 1254 and 1260, arsenic, benzo(a)pyrene, dieldrin, dibenz(a,h)anthracene, benzo(b)fluoranthene, and 4,4'-DDT. The HI for Site 12 Unit 3 is 3.3 under the residential scenario and 0.39 under the industrial scenario. The noncancer risk drivers for the residential scenario are MCPP, aluminum, arsenic, manganese, 4,4'-DDT, vanadium, and Aroclor 1260. The arsenic, manganese, and aluminum reported in Unit 3 appear to be related to natural conditions.

This ROD selects remedial action for Unit 3 because of the potential for contamination to migrate off-site. During storm events, stormwater is conveyed into Unit 3. This creates a potential for contaminants present in Unit 3 to be transported off-site. In addition, Unit 3 discharges water into Bee Canyon Wash approximately 50 feet from the point where Bee Canyon Wash exits the Station. Therefore, it is possible that any contamination transported off-site from Unit 3 could also be transported off-Station. The remedial action at Site 12 Unit 3 will involve removal of approximately 1,500 to 4,000 bcy of contaminated soil.

7.4 Summary

If not addressed by implementing the response action selected in this ROD, actual or threatened releases of hazardous substances from Site 8, Units 1, 3, and 4; and Site 12, Unit 3 may present a current or potential threat to public health, welfare, or the environment.

8. REMEDIAL ACTION OBJECTIVES

This section discusses the remedial action objectives (RAOs) for shallow soil contaminated with non-radiological COCs at Site 8, Unit 3 and Site 12, Unit 3, and Ra-226 contaminated soil at Site 8, Units 1 and 4.

Based on site conditions, the presence of COCs in shallow soil, and potential exposure pathways, the following RAOs were developed for non-radiologically contaminated soil at Site 8, Unit 3 and Site 12, Unit 3:

- Reduce potential exposure to soil (through potential ingestion, direct contact, and inhalation) containing site-specific COCs so that the residual cancer risk is within the 10^{-6} range and noncancer HI is less than or equal to 1.
- Reduce potential threats to the environment including groundwater (and surface water runoff at Site 12 Unit 3).

Based on site conditions, COCs, exposure pathways, and potential applicable or relevant and appropriate requirements (ARARs), the following RAOs were developed for radiologically contaminated soil at Units 1 and 4 of Site 8 (Earth Tech 2006):

- Reduce potential exposure to incremental concentrations (above naturally occurring background levels) of Ra-226 such that residual carcinogenic risk (above background) is in the NCP defined risk management range (10^{-6} to 10^{-4}).
- Reduce potential exposure to incremental concentrations (above naturally occurring background levels) of Ra-226 to achieve compliance with NRC standards for protection against radiation, specified in 10 C.F.R. Sections 20.1402 and 20.1403, such that the TEDE (above background) does not exceed 25 mrem/y and that the residual radioactivity (due to Ra-226) has been reduced to levels that are ALARA.

Risk and dose modeling, and ALARA analysis were performed in the FS Addendum (Earth Tech 2006) to develop a target cleanup goal for Ra-226 that achieves the above RAOs. These evaluations concluded that a target cleanup goal for Ra-226 of 1 pCi/g above background results in a risk within the NCP defined risk management range (10^{-6} to 10^{-4}), a dose of less than 25 mrem/y, and is ALARA.

9. DESCRIPTION OF ALTERNATIVES

The following remedial alternatives were developed during the feasibility studies to address contaminants at Site 8, Unit 3; Site 8, Units 1 and 4; and Site 12, Unit 3:

- Alternative 1 – no action, intended to serve as a baseline against which the other alternatives may be evaluated
- Alternative 2 – cap with institutional controls
- Alternative 3 – excavation and off-site disposal
- Alternative 4 – excavation, on-site soil washing, on-site incineration, and off-site disposal of incinerator residuals at a Class I landfill (not applicable to Ra-226 contaminated soil at Site 8, Units 1 and 4)
- Alternative 5 – excavation, on-site soil washing, and disposal at a Class I landfill (not applicable to Ra-226 contaminated soil at Site 8, Units 1 and 4)

The unit-specific remedial action alternatives for Site 8, Unit 3; Site 12, Unit 3; and Site 8, Units 1 and 4 were developed in the Phase II FS (BNI 1997b) and FS Addendum (Earth Tech 2006), and are summarized in the following subsections.

9.1 ALTERNATIVE 1 – NO ACTION

Inclusion of a no action alternative is required under the NCP (Title 40 CFR 300.430[e][6]). This alternative provides a basis for assessing the remaining alternatives. Under the no action alternative, none of the general response actions associated with institutional/access restrictions, containment, removal, or collection/treatment would be implemented to reduce the potential risks to human health associated with the contamination in shallow soil at Site 8, Units 1, 3, and 4; and Site 12, Unit 3. The environmental conditions and human health risks at Sites 8 and 12 would essentially be the same as presented in the Risk Reevaluation Technical Memorandum (Earth Tech 2003a) and the FS Addendum (Earth Tech 2006). Natural biodegradation (for non-radiological chemicals) and radioactive decay (for Ra-226) would continue to be the only processes acting to reduce contaminant concentrations under this alternative. The estimated half-lives of the contaminants in soil at Site 8, Units 1, 3, and 4; and Site 12 Unit 3 range from approximately 30 days for MCPP to 410,000 years for Aroclor 1260 for microbially mediated degradation (BNI 1997a).

9.2 ALTERNATIVE 2 – CAP WITH INSTITUTIONAL CONTROLS

Alternative 2 consists of an asphalt cap at Site 8 and a monolithic soil cap at Site 12. Institutional controls would be used at these sites to protect the caps from damage.

9.2.1 Site 8 Unit 3 – Asphalt Cap with Institutional Controls

Under Alternative 2, the contaminated area at Site 8, Unit 3 would be covered by an asphalt cap, and the integrity of the cap would be protected by institutional controls in the form of covenant agreements and deed restrictions placed on the property. The asphalt cap would reduce the human-health risk by physically preventing direct exposure to the PCBs in shallow soil. The concentrations of contaminants at the site would remain as presented in Section 5.

Because most of the contaminants identified in soil at Site 8, Unit 3 are adsorbed to the soil and are relatively immobile under the existing site conditions, provisions for infiltration control in the cap

design are not necessary. The proposed cap design would consist of a 4-inch-thick asphalt pavement top cover underlain by 12 inches of gravel bedding material.

A 30-year maintenance period is assumed for this alternative. Maintenance activities would include annual inspections and incremental repaving as necessary to maintain the integrity of the asphalt cap. Over the 30-year maintenance period, the total incremental repaving requirements are assumed to be equivalent to a single complete replacement of the asphalt cap.

Institutional controls are non-engineered mechanisms that would be established to limit contact with soil contamination and to preserve the integrity of response action (cap) during its assumed 30-year serviceable lifetime. The institutional controls would govern the conditions under which the property could be used in the future. The institutional controls fall into two broad categories: 1) restrictions on future land use and 2) provision for access for potential future inspection and maintenance activities by the DON and FFA signatories.

Specifically institutional controls and access restrictions are required to limit exposure to future landowner(s) and/or user(s) and/or to maintain the integrity of the response action. The following uses would be restricted by the institutional controls:

- The future landowner(s) and/or user(s) would be restricted from using the site for a hospital, school, residences, or day care center for children.
- The future landowner(s) and/or user(s) of the property would be restricted from any activity that would adversely impact the cover (e.g., excavations below the surface grade of the cover) other than for routine maintenance and/or repair of the cover (if transferee agrees to perform these responsibilities).

The institutional controls and access restrictions stated above would be implemented through the following legal mechanisms:

1. Since Sites 8 and 12 are in areas leased to a private developer, interim institutional controls would be administered through a lease in furtherance of conveyance (LIFOC) as described in the Finding of Suitability to Lease (DON 2004). The LIFOC describes the institutional controls and access restrictions for each site. These institutional controls and access restrictions would ensure that activities conducted by the Lessee are in a manner protective of human health and the environment, and will not affect ongoing environmental investigations/response actions.
2. Upon transfer, the DON and DTSC shall enter into an Environmental Restrictive Covenant and Agreement(s) as provided in the Memorandum of Understanding between the DON and the DTSC. The covenant agreement(s) and deed(s) incorporating the land-use restrictions will run with the land and will be enforceable by DTSC against future landowners.

9.2.2 Site 8, Units 1 and 4 – Asphalt Cap with Institutional Controls

Under Alternative 2, the asphalt cap would be constructed over an area of approximately 15,000 square feet in the central part of Site 8, Unit 1. This area consists of a portion of Unit 1 where Ra-226 was detected at concentrations posing an unacceptable risk to human health. To ensure protection, radiological surveys would be conducted during construction of the cap and any additional hot spots of Ra-226 in other portions of Unit 1 will be excavated and consolidated in the capping area.

The cap would be designed and constructed for longevity and efficient drainage, minimize erosion that could expose contaminated soil and contribute to Ra-226 migration, and inhibit biotic and inadvertent human intrusion. The cap would provide shielding against gamma radiation and would

also act as a barrier to confine and reduce emanation of radon. Exposure pathway modeling would be conducted using pertinent exposure pathways based on institutional controls (also a component of this alternative) and Ra-226 concentrations present at Units 1 and 4, to estimate the thickness of the asphalt cover required to provide adequate protection to future land owners/users. The exact specifications of capping materials, cap design, and construction details will be identified during the remedial design phase.

In addition to constructing a cap in the central and northeastern portions of Unit 1, asphalt pavement would also be provided in the remaining areas of Units 1 and 4 (except in the area already covered with asphalt pavement). The purpose of this pavement is to ensure compatibility and act as a buffer zone around the perimeter of the central cap. Since the objective of this pavement is not to provide protection against unacceptable risk due to Ra-226, the design of this pavement, including its thickness, will not be based on human-health protectiveness considerations. This pavement would be designed and constructed based on standard construction specifications and practices, and to provide efficient conveyance of surface drainage from the central cap.

The capping system would be combined with institutional controls consisting of land-use restrictions to ensure the integrity of the cap and limit exposure to future landowner(s) and/or user(s). The land-use restrictions and their implementation mechanisms would be the same as those outlined in Section 9.2.1. The access restrictions may be in the form of warning signs and permanent markers used to deter unauthorized entry or use of the site.

Cap integrity monitoring and radiological survey programs would be established to ensure the functionality of the cover and identify any maintenance requirements. The cap integrity monitoring would include inspection for cracks, erosion, and other observable degradation. Institutional controls would also be evaluated for adequacy, effectiveness, and necessity, during each 5-year review of the remedial actions.

9.2.3 Site 12 Unit 3 – Monolithic Soil Cap with Institutional Controls

Under Alternative 2, the drainage ditch at Site 12, Unit 3 would be lined with a concrete drainpipe, backfilled to surrounding grade with clean fill material, and covered by a monolithic soil cap with vegetative cover. The integrity of the cap would be protected by institutional controls in the form of covenant agreements and deed restrictions placed on the property. The provisions of the institutional controls and their implementation mechanisms for the cap at Site 12 would be the same as those outlined in Section 9.2.1, except that planting additional vegetation would also be prohibited. The monolithic soil cap with vegetative cover would reduce the human-health risk by physically preventing direct exposure to the herbicides, PAHs, PCBs, and pesticides in the shallow soil. In addition, installation of a storm drainage system beneath the cap would allow surface water runoff to be conveyed across Site 12 without coming into contact with the contaminated soil in Unit 3.

The contaminants identified in soil at Unit 3 are adsorbed to the soil, and most are relatively immobile under the existing site conditions. Therefore, provisions for infiltration control in the cap design are considered unnecessary under this alternative.

The first component of this alternative is the storm drainage conveyance system. This system would consist of 12-inch-nominal-diameter reinforced concrete drainpipe laid in sand bedding material along the entire length of the drainage ditch. The new drainpipe would connect to the existing stormwater system that discharges into the ditch where it begins near South Marine Way and would be installed to provide a consistent slope to the terminal point at Bee Canyon Wash. The drainage system would consist of two sections, an approximately 381-foot-long upper reach between South Marine Way and Plant Road and an 846-foot long lower reach extending from Plant Road to Bee

Canyon Wash. The upper and lower reaches would be connected using an existing catch basin and the two culverts that pass beneath Plant Road. The drainage system would also incorporate two inlet structures along the upper reach and three inlet structures along the lower reach to handle surface runoff from surrounding areas.

Following installation of the drainage system, compacted, clean soil cover material would be placed along the upper and lower reaches of Unit 3 to backfill the ditch to a depth of approximately 6 inches below surrounding grade. Six inches of topsoil would then be placed over the compacted fill material, seeded, and fertilized to facilitate growth of the vegetative cover.

The soil cover material would be obtained from a suitable on-Station or off-Station source. The topsoil is expected to be imported from a local, off-Station source.

A 30-year cap-maintenance period is assumed for this alternative. Maintenance activities are assumed to include monthly mowing, annual fertilization, and reseeding of about 2 percent (annually) of the site during that period.

9.3 Alternative 3 – Excavation and Off-Site Disposal

9.3.1 Site 8, Unit 3 and Site 12, Unit 3

Under Alternative 3, contaminated soil at Site 8, Unit 3 and Site 12, Unit 3 would be excavated. Prior to asphalt pavement removal and excavation of contaminated soil, sampling to refine areas requiring soil removal will be conducted. Once the areas have been excavated, soil samples would be collected from the sidewalls and the bottom of the excavated areas to confirm that the contaminated soil exceeding the residential RBCs for the COCs at each area has been removed. A residential RBC is the target cleanup goal required to achieve a residual risk of 10^{-6} for a particular COC.

For Site 8, Unit 3 and Site 12, Unit 3, RBCs (concentrations that correspond to a cancer risk of 10^{-6} or a noncancer risk of 1 for a particular COC) were calculated for all COPCs identified at the site unit (see Attachment B). These RBCs were then compared to the historical concentrations of chemicals identified in the soil samples taken from Site 8, Unit 3 and Site 12, Unit 3, and only the chemicals identified at concentrations above the RBCs in one or more samples were considered as the COCs. It should be noted that metals including arsenic were not considered the COCs since they are consistent with natural conditions. The EPCs for metals including arsenic were less than their respective statistically-derived background value for Former MCAS El Toro. Additionally, the presence of metals cannot be attributed to known historical activities at the sites. Table 9-1 presents the COCs at Site 8, Unit 3 and Site 12, Unit 3, along with their RBCs. The RBCs for chemicals in Table 9-1 correspond to an excess cancer risk of 10^{-6} or noncancer risk of 1 for each COC. Even with multiple COCs, the total cumulative excess cancer risk after remediation would fall within the risk management range of 10^{-4} and 10^{-6} and the noncancer risk would be approximately 1.

The excavated soil and pavement from Site 8, Unit 3 and Site 12, Unit 3 would be temporarily stored on-site in containers, bins or staging piles in accordance with the identified ARARs; therefore, land disposal restrictions will not be triggered. The excavated soil would be sampled and characterized for disposal. The characterization would assess if the excavated soil from Sites 8 and 12 exhibits the characteristics of RCRA hazardous waste and/or California-regulated, non-RCRA hazardous waste. The results of soil characterization sampling would be used to generate waste profiles, which would be submitted to different off-Station disposal facilities. Following acceptance of the waste profile, the excavated impacted soil would be transported to an off-Station disposal facility selected based on the results of characterization of the excavated soil, and in accordance with the requirements of 40 CFR Section 300.440 (a)(1)(3) and (4). The pavement removed from Unit 3 of Site 8 would either be

recycled (following characterization, if required) or disposed at the same facility as the contaminated soil.

Table 9-1: Target Cleanup Goals for Non-Radiological Chemicals of Concern

COC	Calculated RBC Based on the Revised Risk Assessment (mg/kg)*
Site 8, Unit 3	
Aroclor 1254	0.288
Site 12, Unit 3	
Benzo(a)pyrene	0.077
Benzo(b)fluoranthene	0.774
Dibenz(a,h)anthracene	0.077
Aroclor 1254	0.288
Aroclor 1260	0.288
4,4'-DDT	2.09
Dieldrin	0.043
MCPP	68.6

Notes:
4-4'-DDT 4,4'-dichlorodiphenyltrichloroethane
COC chemical of concern
MCPP 2-(2-methyl-4-chlorophenoxy)-propionic acid
mg/kg milligram per kilogram
RBC risk-based concentration
* See Appendix B.

9.3.2 Site 8, Units 1 and 4

Alternative 3 would include excavation of soil at Units 1 and 4 so that the residual Ra-226 concentrations do not exceed the release criteria established based on the RAOs. The excavation operations may also include removal of the asphalt pavement from a small portion of Unit 1. The excavated soil would be disposed at a commercial facility licensed to receive Ra-226 contaminated soil. The paving materials removed from Unit 1 would be recycled (following characterization, if required) or disposed at the same facility as the contaminated soil.

This alternative would include radiological surveys including, remedial action support surveys and a final status survey to demonstrate that the release criteria have been attained. The Multi-Agency Radiation Survey and Site Investigation Manual (U.S. EPA 2000b) would be used as guidance for planning, implementing, and evaluating radiological surveys.

A target cleanup goal and DCGL of 1 pCi/g above background has been established for Ra-226. This cleanup goal was established based on the risk and dose modeling (using Residual Radioactivity [RESRAD] software), and ALARA analysis (Earth Tech 2006). The risk and dose evaluation indicated that a Ra-226 concentration of 1 pCi/g above background satisfies the NRC's dose criteria of 25 mrem/y and results in a risk within the risk management range of 10^{-6} to 10^{-4}, for a residential (unrestricted release) scenario. Additionally, based on the cost-benefit analysis this concentration of Ra-226 is ALARA.

Contaminated soil at Units 1 and 4 of Site 8, with Ra-226 above the target cleanup goal would be excavated in phases. During Phase I removal, Units 1 and 4 would be divided into a grid, and locations with elevated Ra-226 concentrations (observed during previous investigations) would be reacquired. Soil would be manually removed at these locations and placed in appropriate containers. Following the Phase I soil removal, subsequent removal of Ra-226 contaminated soil would be

conducted in 3- to 6-inch depth increments (Phase II removal) and would be based on remedial action support surveys. The remedial action support surveys would be conducted using field instrumentation sensitive to gamma activity to identify areas of elevated Ra-226, and to assess when the site is ready for final status survey.

If the remedial action support survey shows that Ra-226 concentrations are less than 1 pCi/g above background, a final status survey would be conducted by collecting a statistically valid number of samples and analyzing them using a laboratory-grade gamma spectroscopy system. If the remedial action support surveys are conducted in a manner consistent with final status surveys, then the results of remedial action support survey would be used as the final status survey. If the survey data show that the release criteria have not been attained, the top 3 to 6 inches of soil would be removed from the locations with elevated Ra-226 concentrations (Phase III removal), followed by collection of soil samples in the newly excavated locations. This process would be carried out iteratively until it is demonstrated that the release criteria have been attained at Units 1 and 4.

9.4 Alternative 4 – Excavation, On-Site Soil Washing, On-Site Incineration, and Off-Site Disposal of Incinerator Residuals at a Class I Landfill (Not Applicable to Ra-226 Contaminated Soil at Site 8, Units 1 and 4)

Under Alternative 4, contaminated soil at Site 8, Unit 3 and Site 12, Unit 3 would be excavated, washed, incinerated on-site, and reused or disposed off-site. Once the areas have been excavated, soil samples would be collected from sidewalls and bottom of the excavated areas to confirm that the contaminated soil exceeding RBCs for the COCs at each area has been removed (see Table 9-1). Specifics of the on-site excavation and temporary storage of non-radiologically impacted soil are the same as those described for Alternative 3 (see Section 9.3.1).

The excavated soil would be treated using a soil-washing system (located at Site 8) to separate the fine-grained soil fraction (containing the bulk of the contamination) from the coarser material. This would reduce the volume of soil requiring further treatment. Samples would be collected from the treated coarser fraction generated by soil washing and analyzed for unit-specific COCs to confirm that residual concentrations are less than the residential RBCs.

Upon receipt of the analytical results, the treated coarse soil fraction would be reused at the unit from which it was obtained to partially backfill the excavated area. To return all the excavated areas to their original grade, the treated soil would be supplemented with clean fill material obtained from a suitable on-Station or off-Station source.

The finer soil fraction obtained from soil washing would be treated further using an on-site mobile incinerator (located at Site 8) to destroy the PCBs and other organic contaminants. The incinerator would be designed and operated in compliance with RCRA requirements provided in Title (tit.) 22 *California Code of Regulations* (Cal. Code Regs.) Sections (§§) 66264.340 through 66264.343, 66264.345, and 66264.347 and closed in accordance with Cal. Code Regs. tit. 22, § 66264.351. Because incineration does not treat metals in the soil, the treatment residuals may be hazardous due to the presence of metals concentrated in the incinerator ash. The metals concentrations cannot be determined until a treatability study for the incinerator is conducted. The metals concentrated in the incinerator ash would consist of a subset of those identified in Site 8, Unit 3 and Site 12, Unit 3 soil samples, which typically include sodium, potassium, arsenic, barium, beryllium, cadmium, chromium, lead, nickel, mercury, and zinc. If it is determined that residuals are hazardous, the residual material would be transported to an off-Station RCRA-permitted disposal facility.

Liquid used for soil washing would be stored and managed in compliance with the Cal. Code Regs. tit. 22, § 66264.171-174, 175(a) and (b), and 178. Liquids are expected to be stored in aboveground

tanks. Spill protection would be provided. The remediation unit would be self contained. Effluent would be discharged directly to the tank and the liquid will be recycled to the maximum extent possible. Once the remediation is complete, the residual liquid remaining at the end of the soil-washing process would be tested in accordance with Cal. Code Regs. tit. 22, § 66262.10(a) and 11 to evaluate if it is hazardous waste and would be disposed at an appropriate off-Station disposal facility.

9.5 Alternative 5 – Excavation, On-Site Soil Washing, and Disposal at a Class I Landfill (Not Applicable to Ra-226 Contaminated Soil at Site 8, Units 1 and 4)

Under Alternative 5, contaminated soil at Site 8, Unit 3 and Site 12, Unit 3 would be excavated, washed, and reused or disposed off-site. Once the areas have been excavated, soil samples would be collected from sidewalls and bottom of the excavated areas to confirm that the contaminated soil exceeding RBCs for the COCs at each area has been removed (see Table 9-1). Specifics of the on-site excavation and temporary storage of non-radiologically impacted soil are the same as those described for Alternative 3 (see Section 9.3.1).

The excavated soil would be treated on-site using a soil washing system to separate the fine-grained soil fraction (containing the bulk of the contamination) from the coarser material, reducing the volume of soil requiring disposal. The treated coarser fraction generated by soil washing would be sampled and analyzed for unit-specific COCs to confirm that residual concentrations are less than the residential RBCs. Upon receipt of the analytical results, the treated coarse soil fraction would be reused at the sites to partially backfill the excavations. To return the excavated areas to their original grade, the treated soil would be supplemented with a suitable on-Station or off-Station source.

The finer soil fraction would be transported to an off-Station RCRA-permitted disposal facility. Disposal of the PCB contaminated soil fraction at a Class I facility is proposed for this alternative because the soil-washing process would concentrate contaminants into a smaller volume of material. This soil fraction would probably not be suitable for disposal at a Class III landfill due to the resultant increase in contaminant concentrations and the types of contaminants involved (particularly PCBs).

Liquid used for soil washing will be stored and managed as discussed in Section 9.4

10. SUMMARY OF COMPARATIVE ANALYSIS OF ALTERNATIVES

This section summarizes the comparative analysis conducted to evaluate the relative performance of each remedial alternative developed for Site 8, Unit 3; Site 12, Unit 3; and Site 8, Units 1 and 4 with respect to the nine evaluation criteria outlined in CERCLA Section 121(b), as amended. The purpose of the comparative analysis is to identify the relative advantages and disadvantages of each alternative. The evaluation criteria that follow are based on requirements promulgated in the NCP.

The nine evaluation criteria identified in the NCP (40 C.F.R. § 300.430 [e][9][iii]) are categorized into three groups: threshold criteria, primary balancing criteria, and modifying criteria. The threshold criteria must be satisfied by each alternative and relate directly to statutory findings that must ultimately be made in the ROD. The two threshold criteria include:

- *Overall protection of human health and the environment:* Assesses whether a cleanup remedy provides adequate human health protection and describes how health risks posed by the site will be eliminated, reduced, or controlled through treatment, engineering controls, or institutional and regulatory controls.
- *Compliance with ARARs:* Addresses whether a cleanup remedy will meet all Federal, State, and local environmental statutes or requirements.

The primary balancing criteria are used to weigh major tradeoffs among alternatives and include the following:

- *Long-term effectiveness and permanence:* Refers to the ability of a remedy to continue protecting human health and the environment over time after the cleanup action is completed.
- *Reduction of toxicity, mobility, or volume through treatment:* Refers to the degree to which a cleanup alternative uses treatment technologies to reduce: 1) harmful effects to human health and the environment (toxicity), 2) the contaminant's ability to move (mobility), and 3) the amount of contamination (volume).
- *Short-term effectiveness:* assesses how well human health and the environment will be protected from impacts due to construction and implementation of a remedy.
- *Implementability:* refers to the technical feasibility (how difficult the alternative is to construct and operate) and administrative feasibility (coordination with other agencies) of a remedy. Factors such as availability of materials and services needed are considered.
- *Cost:* evaluates in today's dollars the estimated capital costs and present worth required for design and construction and long-term operation and maintenance costs of a remedy.

The modifying criteria are taken into account following comment on the FS report and proposed plan. The modifying criteria include:

- *State acceptance:* reflects whether the State of California's environmental agencies agree with, oppose, or have no objection to or comment on the preferred alternative.
- *Community acceptance:* evaluates whether community concerns are addressed by the remedy and whether the community has an apparent preference for a remedy. Although public comment is an important part of the final decision, the Marine Corps is compelled by law to balance community concerns with the other criteria.

Table 10-1 summarizes the results of the comparative analysis of the five alternatives for Site 8, Unit 3; Site 12, Unit 3; and Site 8, Units 1 and 4.

10.1 Overall Protection of Human Health and the Environment

Alternatives that achieve a reduction in risk and can successfully maintain the reduced risk levels are considered protective of human health and the environment. Alternative 1 is not protective of human health and the environment because, by definition, it does not include any actions that reduce the risk associated with the contaminants in shallow soil at Site 8, Unit 3; Site 12 Unit 3; and Site 8, Units 1 and 4. The human-health risks at these units would remain the same as presented in Section 7.

Alternative 2 is considered protective of human health and the environment because it would sever the pathway for exposure to contaminants present at Sites 8 and 12 by placing a physical buffer zone (i.e., asphalt cap or monolithic soil cap) between the contaminated soil and the potential risk receptors. The contaminant transport pathways are rendered incomplete by the cap, and institutional controls would be placed on the property to prevent disturbance of the cap. Maintenance would also be used to ensure the continued protectiveness of this remedy.

Alternatives 3, 4, and 5 are also considered protective of human health and the environment. Under Alternative 3, risk reduction is achieved by excavating the contaminated soil and removing it from the site. In addition to excavation and removal, Alternatives 4 and 5 include treatment that further reduces the risk from the contaminated soil by reducing the volume through soil washing (Alternatives 4 and 5) and the toxicity of the contaminants through incineration (Alternative 4).

10.2 Compliance with Applicable or Relevant and Appropriate Requirements

Pursuant to Section 121(d)(1) of CERCLA (42 U.S.C. Section 9621[d]), remedial actions must attain a degree of cleanup that assures protection of human health and the environment. Additionally, remedial actions that leave hazardous substances, pollutants, or contaminants on-site must meet standards, requirements, limitations, or criteria that are ARARs, unless waived. Federal ARARs may include requirements under Federal environmental laws. State ARARs include promulgated requirements under State environmental or facility siting laws that are more stringent than Federal ARARs and that have been identified by the State in a timely manner.

CERCLA Section 121 states that at the completion of a remedial action, a level or standard of control required by an ARAR will be attained for wastes that remain on-site. In addition, the NCP, 40 CFR Section 300.435(b)(2), requires compliance with ARARs during the course of the remedial design/remedial action.

ARARs are triggered only when a remedial action is taken. Therefore, an ARARs discussion is not appropriate for the no action alternative.

Alternative 2 uses a cap to prevent exposure to contaminated soil and institutional controls and maintenance to maintain the integrity of the cap. This alternative would comply with ARARs pertaining to air contaminants and particulate emissions during construction of the asphalt cap. Alternative 2 does not trigger clean-closure ARARs because contaminated soil beneath the cap would not be treated or removed from the site.

Under Alternative 3, contaminated soil would be excavated and disposed at an appropriate off-Station disposal facility. This alternative would comply with ARARs pertaining to the classification, generation, and temporary storage (in containers or on-site stockpiles) of hazardous wastes; and air

Table 10-1: Comparative Analysis of Remedial Alternatives*

U. S. EPA Criterion	Alternative 1: No Action	Alternative 2: Cap with Institutional Controls	Alternative 3: Excavation and Off-Site Disposal	Alternative 4: Excavation, On-Site Soil Washing, On-Site Incineration, and Off-Site Disposal of Incinerator Residuals at a Class I Landfill	Alternative 5: Excavation, On-Site Washing, and Disposal at a Class I Landfill
Long-Term Effectiveness and Permanence	**Low** Not effective in protecting human health and the environment. No reduction in risk.	**Moderate** Contaminated soil is not removed, but is covered with asphalt/monolithic soil cap. Provides protection to human health and the environment provided cap is not disturbed.	**High** Contaminated soil is removed from the site. Significantly reduces risk at site and is considered a permanent solution.	**High** Contaminated soil is removed from the site and treated. Significantly reduces risk at site and is considered a permanent solution.	**High** Contaminated soil is removed from the site and treated. Significantly reduces risk at site and is considered a permanent solution.
Reduction in Toxicity, Mobility, and Volume Through Treatment	**Low** Does not reduce toxicity, mobility, or volume.	**Moderate** Does not treat soil. Capping reduces mobility at the sites. Does not address volume or toxicity.	**High** Reduces volume by excavation and offsite disposal. After soil removal, mobility and toxicity are no longer a factor.	**High** Reduces volume and toxicity by soil washing and incineration. After soil treatment, mobility and toxicity are no longer a factor.	**High** Reduces volume by soil washing. After soil treatment, mobility and toxicity are no longer a factor.
Short-Term Effectiveness	**High** No additional exposure to workers or public since no actions performed.	**Moderate** Contaminated soil is not removed. Capping causes minor disturbance resulting in low risk to workers.	**Low** Excavation may expose workers to contaminants.	**Low** Excavation, stockpiling, and treatment may expose workers to contaminants.	**Low** Excavation, stockpiling, and treatment may expose workers to contaminants.
Implementability	**High** No construction activities conducted.	**Moderate** Capping uses proven technologies. Institutional controls require average administrative effort.	**Moderate** Excavation and offsite disposal uses proven technologies, requires average technical and administrative effort.	**Low** Excavation and treatment activities will require significant technical and administrative efforts. This alternative will require pilot testing and public approval.	**Low** Excavation and treatment activities will require significant technical and administrative efforts.
Cost ($)	**None**	**Low**	**Moderate**	**High**	**High**
State Acceptance	The State cannot accept this alternative.	The State can accept this alternative.	The State can accept this alternative.	The State can accept this alternative.	The State can accept this alternative.
Community Acceptance	The March 2006 Proposed Plan for Sites 8 and 12 was issued to the public and discussed at a public meeting. The responsiveness summary portion of this ROD addresses the public's comments and concerns about the selected remedy.	The March 2006 Proposed Plan for Sites 8 and 12 was issued to the public and discussed at a public meeting. The responsiveness summary portion of this ROD addresses the public's comments and concerns about the selected remedy.	The March 2006 Proposed Plan for Sites 8 and 12 was issued to the public and discussed at a public meeting. The responsiveness summary portion of this ROD addresses the public's comments and concerns about the selected remedy.	The March 2006 Proposed Plan for Sites 8 and 12 was issued to the public and discussed at a public meeting. The responsiveness summary portion of this ROD addresses the public's comments and concerns about the selected remedy.	The March 2006 Proposed Plan for Sites 8 and 12 was issued to the public and discussed at a public meeting. The responsiveness summary portion of this ROD addresses the public's comments and concerns about the selected remedy.

Notes:

* This table does not include the threshold criteria of "overall protection of human health and the environment" or "compliance with ARARs;" all the alternatives being considered (except for the no action alternative) meet the threshold criteria.

and particulate emissions. land disposal restrictions (LDRs) will not be triggered because the excavated soil will be stored either in containers or staging piles in compliance with pertinent action-specific ARARs. Because the contaminated soil will be physically removed from the site, Alternative 3 would also comply with ARARs pertaining to clean closure. A detailed discussion on compliance of ARARs by Alternative 3 is presented in Section 12.

Under Alternative 4, contaminated soil would be excavated, washed, and treated using incineration. The excavation of contaminated soil at Site 8, Units 1, 3, and 4; and Site 12 Unit 3 under Alternative 4 would comply with the ARARs identified for Alternative 3. In addition, incineration of contaminated soil (from soil washing) from Site 8, Unit 3 and Site 12, Unit 3 would comply with ARARs pertaining to operation, air emissions, monitoring, incinerator closure, and transportation of incinerator residuals off-site to a permitted Class I disposal facility. Liquid used for soil washing will be stored, managed, characterized, and disposed in compliance with ARARs pertinent to these activities.

Under Alternative 5, contaminated soil would be excavated, washed, and reused or disposed off-Station. The excavation of contaminated soil under Alternative 5 would also comply with the ARARs identified for Alternative 3. This alternative would also comply with ARARs pertaining to the off-Station transportation of contaminated soil (from soil washing) to a permitted Class I disposal facility and with clean closure ARARs pertaining to on-site reuse of treated soil (from soil washing).

10.3 Long-term Effectiveness and Permanence

This criterion focuses on each alternative's long-term effectiveness in protecting human health and the environment. Alternative 1 would have very little long-term effectiveness because no remedial action would be conducted. Conditions at Site 8, Units 1, 3, and 4; and Site 12, Unit 3 would remain essentially unchanged from those now present at the site.

Alternative 2 would prevent contact with contaminated soil provided the asphalt cap is not damaged or removed. However, Alternative 2 is considered only moderately effective over the long-term because it does not represent a permanent solution. Alternatives 3, 4, and 5 offer high long-term effectiveness and are considered permanent solutions because the contaminants in the shallow soil are physically removed or thermally destroyed.

10.4 Reduction of Toxicity, Mobility, or Volume through Treatment

This criterion focuses on the statutory preference for remedial actions that reduce the toxicity, mobility, or volume of contaminants using treatment technologies, either singly or in combination (e.g., excavation and treatment). Alternative 1 provides no reduction in contaminant toxicity, mobility, or volume because no remedial actions would be taken and, therefore, this alternative is rated low. Similarly, Alternative 2 does not reduce contaminant toxicity, mobility, or volume through treatment and is rated moderate.

Under Alternative 3, a significant reduction in the contaminant volume would be achieved because the contaminated soil would be excavated and physically removed from Sites 8 and 12. Alternative 4 at Site 8, Unit 3 and Site 12, Unit 3 would provide significant reductions in both contaminant volume and toxicity. A reduction in contaminant volume would be achieved through excavation of the contaminated soil, followed by on-site soil washing to concentrate the contaminants into a smaller volume of material. Incineration of the contaminated soil remaining after soil washing provides a permanent reduction in toxicity by destroying the organic contaminants in the soil. Any hazardous residuals remaining after incineration would be placed in an off-Station Class I disposal facility

specifically designed for long-term storage and containment of such materials. Because Alternative 4 uses treatment to permanently reduce volume and toxicity, it is rated high.

Like Alternative 4, Alternative 5 provides a significant reduction in contaminant volume by excavating the contaminated soil and washing the soil to concentrate the contaminants into a smaller volume of material. The contaminated material remaining after soil washing is then physically removed from the site and placed in an off-Station Class I disposal facility. Alternative 5 is rated high because it significantly reduces volume and/or toxicity through treatment.

10.5 Short-term Effectiveness

This criterion focuses on how well the alternatives protect human health and the environment during construction activities and implementation of the remedy until response objectives have been met. Under Alternative 1, no remedial activities would be performed. Because no additional exposure to workers or the public would occur as a result of this alternative, the short-term effectiveness is high.

Alternative 2 involves covering Site, 8 Units 1, 3, and 4 with an asphalt pavement cap, and covering Site 12, Unit 3 with a monolithic soil cap. The cap construction activities would cause only minor disturbance of contaminated soil because the ground surface at most units is already level and little site preparation work should be required prior to capping. Therefore, risks associated with exposure of site personnel to dust emissions and direct contact with contaminated soil and investigation-derived wastes during capping operations are expected to be minor. Risks to site personnel during capping activities would be mitigated using dust suppressants and personal protective equipment (PPE). Exposure of the community to site construction activities is also expected to be limited because dust suppression will be used to ensure that capping activities do not generate a large volume of dust. Because Alternative 2 is expected to cause only minor disturbance at the site, and would pose low risk to workers and the public, this alternative is considered to have moderate short-term effectiveness.

Alternatives 3, 4, and 5 are more complex than Alternative 2 because they involve excavation, loading, and hauling of contaminated soil and/or treatment. Alternatives 3, 4, and 5 also present a greater potential risk because contaminated soil would be brought to the surface, where it could result in direct exposure.

Risks associated with exposure of site personnel, the community, and base personnel to dust emissions and direct contact with contaminated soil and investigation-derived waste during excavation, loading, hauling, unloading, and grading of contaminated soil would be mitigated using dust suppressants and PPE. Risks associated with incinerator residuals will be mitigated by shipping the residuals off-Station to an appropriate disposal facility. However, because Alternatives 3, 4, and 5 require more control to prevent exposure to contaminated soil, they are considered to have low short-term effectiveness.

10.6 Implementability

The implementability criterion addresses the technical and administrative feasibility of implementing an alternative and the availability of various services and materials required during its implementation. Because no construction or administrative activities are performed, Alternative 1 is considered easy to implement and is therefore rated high.

Alternative 2 involves the addition of asphalt pavement or a monolithic cap to cover the contaminated areas of Site 8, Units 1, 3, and 4; and Site 12, Unit 3. Capping is a well-established and widely used construction technology and is not expected to introduce significant delays or

difficulties. All materials necessary to implement this alternative are readily available. Capping activities are considered to require a moderate amount of technical and administrative effort. Implementation of institutional controls will require some additional administrative effort; therefore, implementability of Alternative 2 is rated moderate.

Implementing Alternatives 3, 4, and 5 will involve excavation of the contaminated soil at Sites 8 and 12. Excavation is a reliable and well-established technology that can be readily implemented using widely available commercial services, materials, and equipment. The standard equipment and machinery used for excavation should be readily available. Soil sampling and laboratory analysis can be readily implemented using widely available commercial services. Excavation activities are expected to require moderate technical and administrative efforts. Therefore, Alternative 3 is rated moderate.

In addition to excavation, Alternatives 4 and 5 include on-site treatment of the contaminated soil. Soil washing would be used to treat the soil under Alternatives 4 and 5. In case of Alternative 4, the contaminated soil fraction at Site 8, Unit 3 and Site 12, Unit 3 would be treated using incineration. Soil washing and incineration are commercially available remediation technologies utilizing equipment that can be transported to, assembled, and operated at the Site 8 treatment area. However, both of these processes would require significant effort to implement. Treatability studies will be necessary to assure the proper functioning of the treatment equipment. In addition, implementation of soil washing may require obtaining an authorization from the local municipal sewer district if the spent extracting agent is discharged to the sanitary sewer. Operation of an incinerator would require complying with substantive portions of RCRA regulations governing incinerators and combustion of waste, although a permit would not be required if treatment takes place entirely on-site. Operation of an incinerator also requires development of a trial burn plan and successful implementation of an approved plan. These considerations make incineration the most difficult treatment technology to implement. Excavation and treatment activities associated with Alternatives 4 and 5 would require significant technical and administrative efforts. Therefore, Alternatives 4 and 5 are both rated low in terms of implementability.

10.7 COST

No cost is associated with Alternative 1. Table 10-2 presents the estimated costs associated with the other four alternatives.

Table 10-2: Remedial Alternatives Cost Comparison

Remedial Alternative	Estimated Costs		
	Site 8 (Units 1 and 4)	Site 8 (Unit 3)	Site 12 (Unit 3)
Alternative 1: No Action	$0.00	$0.00	$0.00
Alternative 2: Cap with Institutional Controls	$664,000	$82,800	$368,600
Alternative 3: Excavation and Off-Site Disposal	$1,702,000	$132,000	$1,258,800
Alternative 4: Excavation, On-Site Soil Washing, On-Site Incineration and Off-Site Disposal of Incinerator Residuals at a Class I Landfill	Not Applicable	$1,227,400	$5,739,500
Alternative 5: Excavation, On-Site Washing, and Disposal at a Class I Landfill	Not Applicable	$900,500	$2,302,900

10.8 STATE ACCEPTANCE

The DTSC and the RWQCB have reviewed the RI and FS reports, and the Proposed Plan for Sites 8 and 12, and have indicated that Alternatives 2, 3, 4, and 5 are acceptable. Alternative 1 is unacceptable to these agencies.

10.9 COMMUNITY ACCEPTANCE

The March 2006 Proposed Plan for Sites 8 and 12 was issued to the public and discussed at a public meeting. The responsiveness summary portion of this ROD addresses the public's comments and concerns about the selected remedy.

10.10 SUMMARY OF COMPARATIVE ANALYSIS

The comparative analysis of alternatives highlights several issues that merit further consideration with regard to selection of an appropriate remedial alternative for shallow soil at Sites 8 and 12. CERCLA Section 121(d) and the NCP at 40 C.F.R. § 300.430(f)(1)(ii) require that a cleanup remedy must protect human health and the environment, and comply with ARARs, unless justification to waive a specific ARAR is provided in the ROD. Both threshold criteria must be satisfied for a remedial alternative to be eligible for selection unless an ARAR waiver applies. Therefore, the selection of eligible remedial alternatives will generally be based on a comparison of the five primary balancing criteria and the two modifying criteria.

Alternative 1 provides essentially no protection of human health and the environment, is relatively easy to implement (because no action is taken), and has no associated cost for those reasons. Alternatives 2, 3, 4, and 5 scored competitively in the comparative evaluation by balancing criteria, with Alternative 3 scoring highest.

Alternative 2 has the lowest cost of the four remaining alternatives and requires only an average level of effort to implement but rates lower in long-term effectiveness because the contaminated soil is simply covered by a cap rather than being removed and/or treated. Furthermore, Alternative 2 requires implementation of a long-term monitoring and maintenance program to assure that the integrity of the asphalt cap or monolithic soil cap is maintained throughout its service life.

Long-term monitoring or maintenance would not be required following implementation of Alternative 3, 4, or 5. Alternatives 3, 4, and 5 all provide the highest degree of protection of human health and the environment by removing and/or treating the contaminated soil. These alternatives also eliminate the need for institutional controls that would restrict future use of portions of Sites 8 and 12. Of these three alternatives, Alternative 3 is considerably more implementable and is least costly.

11. SELECTED REMEDY

On the basis of the RI/FS reports, the administrative record for Sites 8 and 12, a comparative analysis of remedial alternatives, and an evaluation of comments submitted by interested parties during the public comment period, the DON has selected Alternative 3, excavation and off-site disposal, as the remedial action for shallow soil contamination at Site 8, Units 1, 3, and 4; and Site 12, Unit 3. No action is necessary at Site 8, Units 2 and 5; and Site 12, Units 1, 2, and 4.

Under Alternative 3, contaminated soil at Site 8, Units 1, 3, and 4; and Site 12, Unit 3 is expected to be removed as follows.

- Site 8, Units 1 and 4 – Ra-226-contaminated soil will be excavated from an approximately 230- by 265-foot area in phases with each phase involving removal of the top 3 to 6 inches of soil (see Figure 11-1). Approximately 1,250 bcy of Ra-226-contaminated soil is expected to be removed. The excavation operations may also include removal of asphalt pavement from a small portion of Unit 1.
- Site 8, Unit 3 – PCB-contaminated soil throughout the northwest half of Unit 3 (a 35- by 70-foot area) will be excavated to a depth of approximately 5 feet bgs (see Figure 11-1). Prior to soil removal, the asphalt pavement at Unit 3 of Site 8 would also be removed. The upper 2 feet of PCB-impacted soil was removed during the paving operation conducted in 1999; therefore, the soil and paving materials to be removed up to 2 feet bgs is not expected to be impacted. The estimated volume of soil to be removed from Site 8, Unit 3 is 450 bcy. Of this, the estimated volume of contaminated soil is approximately 270 bcy.
- Site 12, Unit 3 – PCBs-, PAHs-, pesticides-, and herbicides-contaminated soil will be excavated from Unit 3 to depths of approximately 1 foot to 7.5 feet bgs (see Figure 11-2). The total estimated volume of contaminated soil to be removed from the drainage ditch ranges from 1,500 to 4,000 bank cubic yards.

The estimates of excavated soil volumes for Sites 8 and 12 are approximate and are likely to change during the remedial action implementation. For Site 8, Unit 3; and Site 12, Unit 3, the remedial investigation data used to design excavation limits is relatively old; therefore, sampling to refine the excavation limits will be performed during remedial design/remedial action phase. For Site 8, Units 1 and 4, the extent of excavation and volume of excavated soil will be optimized using remedial action support surveys conducted concurrent with the excavation to identify areas with Ra-226 concentrations exceeding its target cleanup goal.

At Site 8, Unit 3 and Site 12, Unit 3, once the areas have been excavated to the planned depths, verification soil sampling will be performed to collect data to evaluate the residual risk and confirm that the exposure point concentrations do not exceed residential RBCs for the COCs listed in Table 9-1. At Site 8, Units 1 and 4, radiological surveys, including remedial action support surveys and a final status survey will be conducted to demonstrate that the target cleanup goal for Ra-226 of 1 pCi/g above background has been attained. Because this alternative will remove the contaminated soil posing unacceptable risk to human health at Site 8, Units 1, 3, and 4; and Site 12, Unit 3, it will not be necessary to implement institutional controls at these sites. In addition, since this remedy will not result in hazardous substances, pollutants, or contaminants remaining on-site at levels above those that allow for unlimited use and unrestricted exposure, a 5-year review under CERCLA Section 121(c) will not be required for this remedial action. Following completion of the remedial action, all portions of Sites 8 and 12 will be available for unrestricted use.

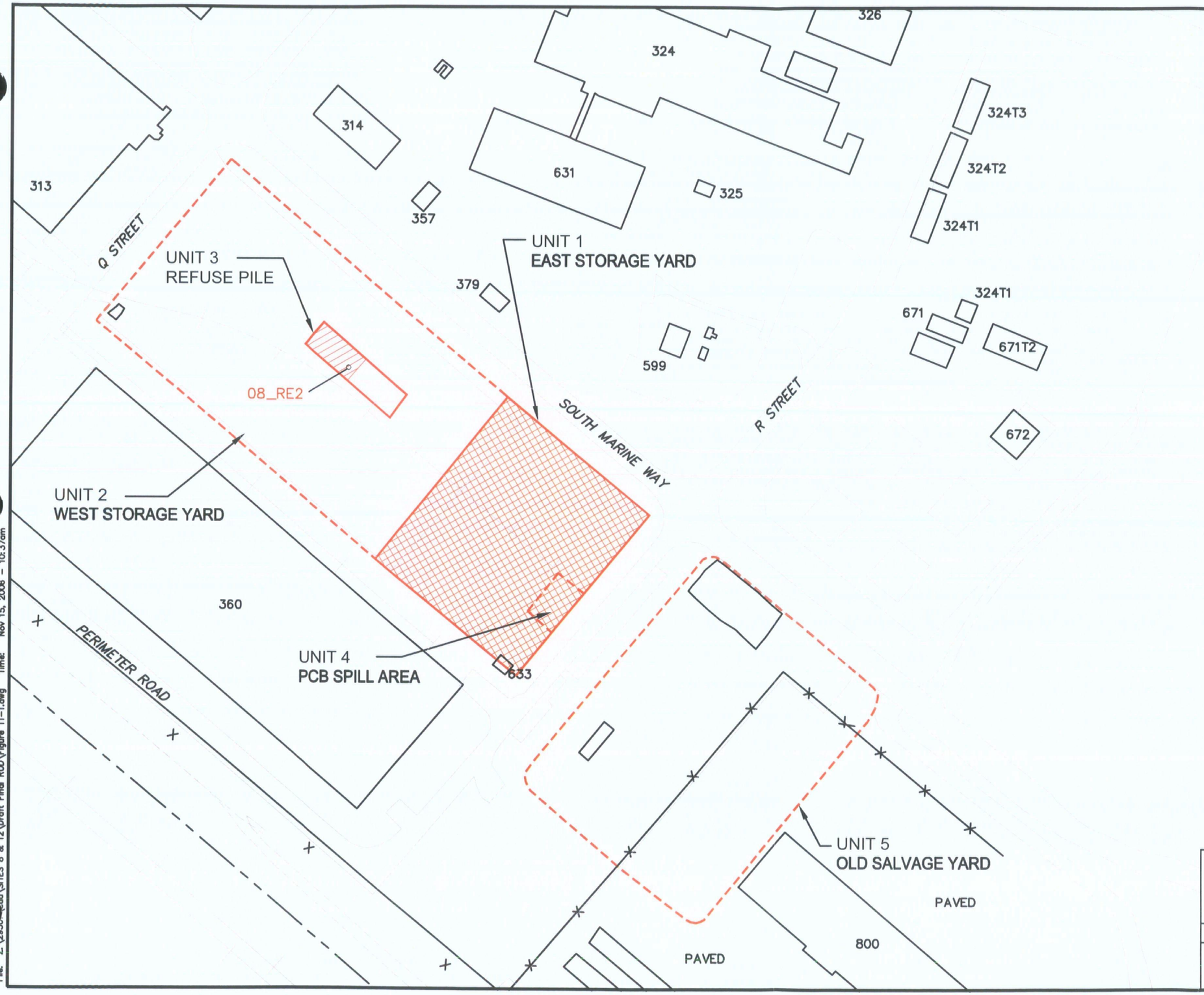
The excavated material from Sites 8 and 12 would be temporarily stored on-site in containers, bins or staging piles. Hazardous waste (if any) will be managed in compliance with the action-specific ARARs identified in Section 12.2.3.1. The soil piles would be covered with plastic sheeting secured with sandbags (or other equivalent method) during long periods of inactivity and at the end of each workday. This would minimize potential off-site migration of soil through generation of fugitive dust and storm water runoff.

The excavated soil from Sites 8 and 12 will be sampled and characterized before disposal. The characterization would assess if the excavated soil exhibits the characteristics of RCRA hazardous waste and/or California-regulated, non-RCRA hazardous waste. For the Ra-226 contaminated soil excavated from Site 8, Units 1 and 4 the characterization would also include assessment of Ra-226 concentrations. The results of soil characterization sampling would be used to generate waste profiles, which would be submitted to different off-Station disposal facilities. Following acceptance of the waste profile, the excavated impacted soil would be transported to an off-Station disposal facility selected based on the results of characterization of the excavated soil, and in accordance with the requirements of 40 CFR Section 300.440 (a)(1)(3) and (4). The paving materials removed from Site 8 would either be recycled or disposed at the same facility as the contaminated soil.

Alternative 3 is believed to provide the best balance of trade-offs among the alternatives with respect to the evaluation criteria. Based on the information available at this time, the DON believes that this alternative meets the threshold criteria of overall protection of human health and the environment and compliance with ARARs. The alternative also offers:

- a high level of performance when assessed against the following NCP evaluation criteria: long-term effectiveness and permanence and implementability, and
- a cost-effective means of accomplishing the remedial action objectives for the sites.

Tables 11-1, 11-2, and 11-3 present the cost estimate for Alternative 3 for Site 8, Unit 3; Site 12, Unit 3; and Site 8, Units 1 and 4, respectively.



LEGEND:

- 10 — BUILDING OR PAD
- IMPROVED ROADS
- UNIMPROVED ROADS
- RAILROAD TRACKS
- FENCE
- UNIT BOUNDARY
- BASE BOUNDARY
- 330 — TOPOGRAPHIC CONTOUR (2-FOOT INTERVAL)
- APPROXIMATE EXTENT OF EXCAVATION AREA FOR PCB-CONTAMINATED SOIL (SEE NOTE a)
- APPROXIMATE EXTENT OF EXCAVATION AREA FOR Ra-226 CONTAMINATED SOIL (SEE NOTE b)
- 08_RE2 o — LOCATION WHERE COCs WERE DETECTED

NOTES:

a) PCBs ABOVE RBCs DETECTED AT ONLY ONE LOCATION. SAMPLING TO REFINE THE EXTENT OF SOIL REMOVAL WILL BE CONDUCTED PRIOR TO EXCAVATION

b) EXCAVATION WILL BE CONDUCTED IN PHASES BASED ON REMEDIAL ACTION SUPPORT SURVEYS AND FINAL STATUS SURVEY

bgs BELOW GROUND SURFACE

COC CHEMICAL OF CONCERN

ft FEET

PCB POLYCHLORINATED BIPHENYL

Ra-226 RADIUM-226

SOURCE: DRAFT RECORD OF DECISION, SITES 8, 11, AND 12 (DON 1999b)

NORTH

0 60 120

SCALE: 1" = 120'

Record of Decision		Draft Final
Remedial Action Areas - Site 8 IRP Sites 8 and 12		
Date: 11-06	Former MCAS El Toro	Figure 11-1
Project No. 29307		

File: Z:\29307\SITES 8 & 12\Draft Final ROD\Figure 11-1.dwg Time: Nov 15, 2006 - 10:37am

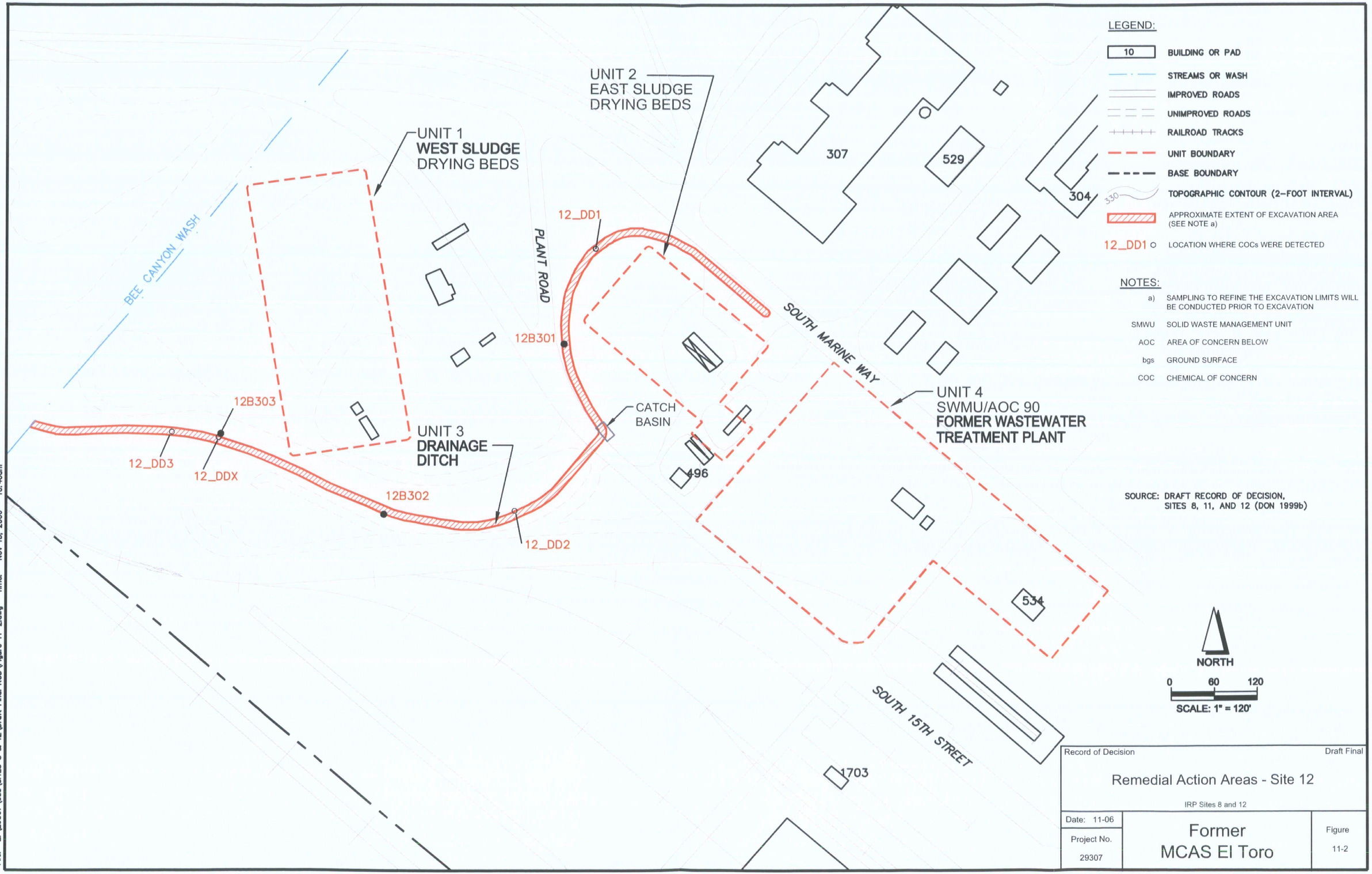

UNIT 1
WEST SLUDGE
DRYING BEDS
UNIT 2
EAST SLUDGE
DRYING BEDS
UNIT 3
DRAINAGE
DITCH
UNIT 4
SWMU/AOC 90
FORMER WASTEWATER
TREATMENT PLANT
BEE CANYON WASH
PLANT ROAD
SOUTH MARINE WAY
SOUTH 15TH STREET
CATCH
BASIN
12_DD1
12B301
12B303
12_DD3
12_DDX
12B302
12_DD2
307
529
304
496
534
1703
LEGEND:
BUILDING OR PAD
STREAMS OR WASH
IMPROVED ROADS
UNIMPROVED ROADS
RAILROAD TRACKS
UNIT BOUNDARY
BASE BOUNDARY
TOPOGRAPHIC CONTOUR (2-FOOT INTERVAL)
APPROXIMATE EXTENT OF EXCAVATION AREA (SEE NOTE a)
LOCATION WHERE COCs WERE DETECTED
NOTES:
a) SAMPLING TO REFINE THE EXCAVATION LIMITS WILL BE CONDUCTED PRIOR TO EXCAVATION
SMWU SOLID WASTE MANAGEMENT UNIT
AOC AREA OF CONCERN BELOW
bgs GROUND SURFACE
COC CHEMICAL OF CONCERN
SOURCE: DRAFT RECORD OF DECISION, SITES 8, 11, AND 12 (DON 1999b)
NORTH
0 60 120
SCALE: 1" = 120'
Record of Decision
Draft Final
Remedial Action Areas - Site 12
IRP Sites 8 and 12
Date: 11-06
Project No. 29307
Former MCAS El Toro
Figure 11-2
File: Z:\29307\cad\SITES 8 & 12\Draft Final ROD\Figure 11-2.dwg Time: Nov 15, 2006 - 10:40am

Table 11-1: Cost Estimate for the Selected Remedy: Excavation and Off-Site Disposal at Site 8, Unit 3 [a, b]

Description	Cost
Excavation of contaminated soil	$4,200[c]
Backfilling	$4,300[d]
Off-Site Disposal	$46,000[e]
Sampling and analysis	$12,300[f]
Professional labor	$6,500[f]
Remedial design	$2,100[f]
Total Direct Cost	$75,500
Contractor's indirect, overhead, and profit	$34,500[f]
Total Indirect Cost	$34,500
Contingency	$22,000[g]
Total other costs	$22,000
Total Capital Cost	$132,000
Total O&M Cost	$0
TOTAL PRESENT VALUE	$132,000[h]

Notes:

[a] Costs presented in this table are approximate and may change since the excavated volume of contaminated soil from Site 8, Unit 3 is subject to change. The present design of the excavation is based on the data that is relatively old; therefore, sampling to refine the excavation limits will be performed during the remedial design/remedial action phase.

[b] Cost estimates presented in this table were updated from the original estimates presented in the *Revised Cost Estimates for the OU-3A Proposed Plan, Site 8 Unit 3 Alternatives 2 through 5, and Sites 11 and 12 Alternative 4* (BNI 1999) (hereafter referred to as Revised FS Cost Estimates). The original cost estimates were developed in compliance with the NCP and the Remedial Action Costing Procedures Manual (U.S. EPA 1987) using the Remedial Action Cost Engineering and Requirements (RACER) System, Version 3.2. The details of cost updating are presented in the following notes.

[c] The cost presented in the Revised FS Cost Estimates (BNI 1999) was prorated based on the revised estimated volume of the contaminated soil of 270 bank cubic yards (bcy) as compared to the previous estimate of 362 bcy. After prorating, the cost was escalated to modify the capital cost from year 1995 to year 2006, using an inflation index of 1.179. The inflation index was obtained from the Secretary of the Air Force Financial Management and Comptroller's (SAF/FMC) website. The costs were rounded off to the nearest hundreds.

[d] The cost was revised based on a quotation. The backfill material was assumed to be imported from an off-site source.

[e] The cost is based on a quotation for disposal of excavated soil as a waste regulated under Toxic Substances Control Act.

[f] The costs presented in the Revised FS Cost Estimates (BNI 1999) were escalated to year 2006 using an inflation index of 1.179. The inflation index was obtained from the SAF/FMC website.

[g] A 20 percent contingency was added to cover cost increases that may occur as a result of unforeseen conditions and changes that typically occur on remediation projects.

[h] The value reflects net present worth as of 2006.

Table 11-2: Cost Estimate for the Selected Remedy: Excavation and Off-Site Disposal at Site 12, Unit 3 [a, b]

Description	Cost
Excavation of contaminated soil	$40,200[c]
Backfilling	$64,100[d]
Off-Site Disposal	$418,500[e]
Sampling and analysis	$101,900[f]
Storm drainage system	$32,100[f]
Cap (Backfill original ditch to surrounding grade)	$84,500[f]
Professional labor	$35,100[f]
Remedial design	$9,900[f]
Total Direct Cost	$786,300

Contractor's indirect, overhead, and profit	$262,700[f]
Total Indirect Cost	$262,700
Contingency	$209,800[g]
Total other costs	$209,800
Total Capital Cost	$1,258,800
Total O&M Cost	$0
TOTAL PRESENT VALUE	$1,258,800[h]

Notes:

[a] Costs presented in this table are approximate and may change since the excavated volume of contaminated soil from Site 12, Unit 3 is subject to change. Costs presented in this table are approximate and may change since the excavated volume of contaminated soil from Site 8, Unit 3 is subject to change. The present design of the excavation is based on the data that is relatively old; therefore, sampling to refine the excavation limits will be performed during the remedial design/remedial action phase.

[b] Cost estimates presented in this table were updated from the original estimates presented in the *Draft Final Phase II Feasibility Study OU-3A Sites, Marine Corps Air Station, El Toro, California* (BNI 1997b) (hereafter referred to as FS Cost Estimates). The original cost estimates were developed in compliance with the NCP and the Remedial Action Costing Procedures Manual (U.S. EPA 1987) using the RACER System, Version 3.2. The details of cost updating are presented in the following notes.

[c] The cost presented in the FS Cost Estimates (BNI 1997b) was prorated based on the revised volume of the contaminated soil of 4,000 bcy as compared to previous estimate of 6,165 bcy. After prorating, the cost was escalated to modify the capital cost from year 1995 to year 2006, using an inflation index of 1.179. The inflation index was obtained from the SAF/FMC website. The costs were rounded off to nearest hundreds.

[d] The cost was revised based on a quotation. The backfill material was assumed to be imported from off-site source.

[e] The cost is based on a quotation. It was assumed that half of the soil will be disposed as non-hazardous waste and the other half will be disposed as California hazardous waste.

[f] The costs presented in the FS Cost Estimates (BNI 1997b) were escalated to year 2006 using an inflation index of 1.179. The inflation index was obtained from the SAF/FMC website.

[g] A 20 percent contingency was added to cover cost increases that may occur as a result of unforeseen conditions and changes that typically occur on remediation projects.

[h] The value reflects net present worth as of 2006.

Table 11-3: Cost Estimate for the Selected Remedy: Excavation and Off-Site Disposal at Site 8, Units 1 and 4 [a, b]

CAPITAL COST		
Item #	**Component**	**Total Cost**
1.	Excavation and Backfilling	$42,000[c]
2.	Radiological Surveys and Sampling	$57,100
3.	Off-site Transportation and Waste Disposal	$876,000[d]
Subtotal		$975,100
Contingency (20 percent)		$195,010[e]
Subtotal		$1,170,120
5.	Professional Labor	$457,000
6.	Remedial Design	$29,000
7.	Site Closure Documentation	$23,600
Escalation		$22,300[f]
Total Capital Cost		$1,702,000[g]
Total O&M Cost		$0
TOTAL PRESENT VALUE		$1,702,000[g, h]

Notes:

[a] Costs presented in this table are approximate and may change since the excavated volume of the contaminated soil from Site 8, Units 1 and 4 is subject to change. During implementation of the remedial action, the extent of excavation and volume of excavated soil will be optimized using remedial action support surveys conducted concurrent with the excavation to detect areas with Ra-226 concentrations exceeding its target cleanup goal.

[b] Cost estimates presented in the table are reproduced from *Final FS Addendum, Operable Unit 3A, Installation Restoration Program Site 8, Former Marine Corps Air Station, El Toro, California* (Earth Tech 2006). These cost estimates were prepared in compliance with the NCP and the U.S. EPA guidance entitled "A Guide to Developing and Documenting Cost Estimates During the Feasibility Study" (U.S. EPA 2000c). The RACER System Version 7.0.1 was used in preparing the estimates.

[c] The capital cost of components includes contractor markups, or overhead and profit. The RACER 2005 Markup Template was used to calculate the marked-up cost. The listed costs do not include escalation.

[d] The transportation and disposal cost was based on a quotation.

[e] A 20 percent contingency was assumed to cover unknowns, unforeseen circumstances, or unanticipated factors that are not possible to evaluate from the data on hand.

[f] Escalation modifies project cost from the current date of the estimate (March 2005) to the date when cost will actually be incurred (February 2006). The RACER System uses escalation factors to account for inflation and adjust the price from current dollars to the future estimated cost on the date when work is expected to begin. All escalation factors in the RACER System are obtained from the inflation indices on the SAF/FMC website.

[g] The costs were rounded off to nearest thousands.

[h] The present value of the alternative is the same as the capital cost since all the incurred costs are capital costs. The value reflects the net present worth as of February 2006.

12. STATUTORY DETERMINATIONS

Under CERCLA, the DON's primary responsibility is to undertake remedial actions that achieve adequate protection of human health and the environment. In addition, Section 121 of CERCLA establishes several other statutory requirements and preferences. These specify that when complete, the selected remedial action must comply with ARARs established under Federal and State laws unless a statutory waiver is justified. The selected remedy also must be cost-effective and use permanent solutions and alternative treatment technologies to the maximum extent practicable. Finally, the statute includes a preference for remedies that, as their principal element, permanently and significantly reduce the volume, toxicity, or mobility of hazardous waste. The following subsections discuss how the selected remedy meets these statutory requirements and preferences. Further details are found in the Draft Final Phase II OU-3A FS (BNI 1997b) and Final FS Addendum for Site 8 (Earth Tech 2006). The selected remedy addresses contaminated soil at Site 8 Units 1, 3, and 4; and Site 12, Unit 3. No ARARs are listed for groundwater beneath Sites 8 and 12 because it is not a medium of concern; groundwater remediation is not required because contamination is generally limited to shallow soil (0 to 10 feet bgs) and groundwater is present at approximately 95 to 120 feet bgs.

12.1 PROTECTION OF HUMAN HEALTH AND THE ENVIRONMENT

The RAOs for Site 8, Unit 3; Site 8, Units 1 and 4; and Site 12, Unit 3 are aimed at reducing potential exposure to contaminated soil and limiting potential future migration of the COCs (see Section 8). The selected remedy meets the RAOs by removing the contaminated soil with concentrations of COCs exceeding the target cleanup goals from Site 8, Units 1, 3, and 4; and Site 12, Unit 3. Following remedial action, exposure levels at the sites will be reduced to protective chemical-specific ARARs or to within the risk management range of 10^{-4} and 10^{-6} for carcinogens and the HI of approximately 1 for non-carcinogens. Therefore, Alternative 3 provides adequate protection of human health and the environment. There are no short-term threats associated with the selected remedy that cannot be readily controlled. In addition, no adverse cross-media impacts are expected from the remedy.

No remedial action is necessary to protect human health and the environment at Site 8, Units 2 and 5; and/or at Site 12, Units 1, 2, and 4.

12.2 COMPLIANCE WITH APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Section 121(d) of the CERCLA of 1980 (42 U.S.C. § 9621[d]), as amended, states that remedial actions on CERCLA sites must attain (or the decision document must justify the waiver of) any Federal or more stringent State environmental standards, requirements, criteria, or limitations that are determined to be legally applicable or relevant and appropriate. The selected remedial action will comply with all identified ARARs. CERCLA Section 121(e)(1), 42 U.S.C. § 9621(e)(1), states that "No Federal, State, or local permit shall be required for the portion of any removal or remedial action conducted entirely on-site, where such remedial action is selected and carried out in compliance with this section." Any action that takes place off-site would have to comply with substantive and procedural requirements of all applicable Federal, State, and local regulations. The chemical-, location-, and action-specific ARARs for the selected remedy are discussed in the following sections.

12.2.1 Chemical-Specific ARARs

Chemical-specific ARARs are health- or risk-based numerical values or methodologies that, when applied to site-specific conditions, establish the acceptable amount or concentration of a chemical that may be found in, or discharged to, the ambient environment. If a chemical has more than one

cleanup level, the most stringent level has been identified as an ARAR for this remedial action. Table 12-1 presents the Federal and State chemical-specific ARARs.

12.2.1.1 FEDERAL

RCRA Hazardous Waste Requirements

The selected remedial action could potentially involve the generation of hazardous waste (e.g., excavated contaminated soil) during the construction phase of the remedial action. Substantive provisions of the Federally authorized RCRA program implemented in the State of California require that these wastes be characterized to determine if they are hazardous. Potential Federal ARARs for waste characterization include Cal. Code Regs. tit. 22, §§ 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100. If based on the above determination, wastes are determined to be RCRA hazardous waste, hazardous wastes accumulation, storage, and disposal requirements would be applicable.

Uranium Mill Tailings Radiation Control Act

The remedial action at Site 8, Units 1 and 4, involves cleanup of Ra-226, which is similar to the contaminants present at inactive uranium processing sites regulated under Uranium Mill Tailings Radiation Control Act (UMTRCA). Therefore, the concentration limits for cleanup of Ra-226 at UMTRCA sites per 40 C.F.R., §§ 192.12(a), 192.32(b)(2), and 192.41 are relevant and appropriate for the selected remedy at Units 1 and 4 of Site 8. In addition, since Ra-226 continuously decays to release radon and gamma radiation, the substantive provisions of 40 C.F.R. §§ 192.12(b) and 192.41(b) are relevant and appropriate for evaluating the effectiveness of the selected remedy. These regulations establish concentration limits for radon and gamma radiation in any occupied or habitable building and are ARARs only if habitable buildings are constructed at Site 8, Units 1 and 4 as part of site reuse.

NRC Standards for Protection Against Radiation

Ra-226 is similar to contaminants regulated at NRC-licensed sites. Therefore, the NRC's radiological criteria for license termination under unrestricted reuse in 10 C.F.R. § 20.1402 are relevant and appropriate requirements for evaluating the effectiveness of the selected remedial action at Site 8, Units 1 and 4. These regulations provide that a site will be considered for unrestricted use if the residual radioactivity that is distinguishable from (i.e. above) background radiation results in a TEDE to an average member of a critical group that does not exceed 25 mrem/y, including that contributed from groundwater sources of drinking water, and that the residual radioactivity has been reduced to levels that are ALARA.

NRC Radiation Dose Limits for Individual Members of the Public

Radiation dose limits for the public are required in the substantive provisions of 10 C.F.R. § 20.1301. This section requires that the TEDE to individual members of public not exceed 100 mrem/y from NRC-licensed operations. The remedial action at Site 8, Units 1 and 4 is similar to NRC-licensed activity of operation and closure of a waste disposal site. In addition, Ra-226 present in the soil at Site 8, Units 1 and 4 is similar to constituents regulated at an NRC-licensed site. Therefore, substantive provisions of 10 C.F.R. § 20.1301 were evaluated to determine if they constitute potential relevant and appropriate ARARs for remedial action at Site 8, Units 1 and 4. This evaluation indicated that the requirements of 10 C.F.R. §20.1301 are not potentially relevant and appropriate for Site 8, Units 1 and 4 because of the following reasons:

Table 12-1: Chemical-Specific[a] Applicable or Relevant and Appropriate Requirements for the Selected Remedy

Requirement	Citation[b]	ARAR Determination	Comments
FEDERAL			
Resource Conservation and Recovery Act (42 U.S.C., ch. 82, §§ 6901–6991[i]) [c]			
Defines RCRA hazardous waste. A solid waste is characterized as toxic, based on the toxicity characteristic leaching procedure (TCLP), if the waste exceeds the TCLP maximum concentrations.	Cal. Code Regs. tit. 22, § 66261.21, 66261.22(a)(1), 66261.23, 66261.24(a)(1), and 66261.100	Applicable	Applicable for determining whether waste generated is hazardous.
Uranium Mill Tailings Radiation Control Act (42 U.S.C., ch. 88, §§ 192.02, 192.12(a,b), 192.42) [c]			
Standards for Cleanup of Land and Buildings Contaminated with Radium-226, Radium-228, and Thorium from Inactive Uranium Processing Sites. As a result of residual radiological materials from any designated processing site: (a) The concentration of radium-226 in land averaged over any area of 100 square meters shall not exceed the background level by more than: (1) 5 pCi/g, averaged over the first 15 cm of soil below the surface, and (2) 15 pCi/g, averaged over 15 cm thick layers of soil more than 15 cm below the surface.	40 C.F.R §192.12(a) §192.32(b)(2) and §192.41	Relevant and appropriate (only for Site 8, Units 1 and 4)	Since Site 8 is not a UMTRCA site, the requirements of UMTRCA are not applicable to remedial action at Site 8, Units 1 and 4. However, since the radiological contaminant at Site 8 (Ra-226) is similar to that existing at a UMTRCA site, the concentration limits for cleanup of Ra-226 are relevant and appropriate for the selected remedy at Units 1 and 4 of Site 8.
In any occupied or habitable building the objective of remedial action shall be, and reasonable effort shall be made to achieve, an annual average (or equivalent) radon decay product concentration (including background) not to exceed 0.02 working level (WL). In any case, the radon decay product concentration (including background) shall not exceed 0.03 WL. Provisions applicable to radon-222 shall also apply to radon-220.	40 C.F.R § 192.12(b)(1)§ 192.41(b)	Relevant and appropriate (only for Site 8, Units 1 and 4)	These provisions are relevant and appropriate if habitable buildings are constructed at Units 1 and 4 of Site 8 as a part of site reuse. The modeling results presented in the FS Addendum (Earth Tech 2006) indicate that the target cleanup goal for Ra-226 would result in radon decay product concentrations which would not exceed limits stipulated in the cited regulations.
Concentration limits for cleanup of gamma radiation in buildings at inactive uranium processing sites designated for remedial action. In any occupied or habitable building, the level of gamma radiation shall not exceed the background level by more than 20 microroentgens per hour.	40 C.F.R. § 192.12(b)(2)	Relevant and appropriate (only for Site 8, Units 1 and 4)	These provisions are relevant and appropriate if habitable buildings are constructed at Units 1 and 4 of Site 8 as a part of site reuse. The modeling results presented in the FS Addendum (Earth Tech 2006) show that the target cleanup goal for Ra-226 would result in gamma radiation levels which would not exceed limits stipulated in the cited regulations.
Nuclear Regulatory Commission [c]			
Provides a benchmark approach for setting cleanup levels for radionuclides as a supplement to 40 C.F.R. §192.	10 C.F.R. Part 40 Appendix A, pt. I, Criterion 6(6)	Relevant and appropriate (only for Site 8, Units 1 and 4)	Provides design standards for radon gas control at sites where residual radionuclides exceed the background level by more than: (i) 5 pCi/g for Ra-226, or in the case of thorium byproduct material, Ra-228, averaged over the first 15 cm below the surface, and (ii) 15 pCi/g of Ra-226, or in the case of thorium byproduct material, Ra-228, averaged over 15 cm thick layers

Table 12-1: Chemical-Specific[a] Applicable or Relevant and Appropriate Requirements for the Selected Remedy

Requirement	Citation[b]	ARAR Determination	Comments
			more than 15 cm below the surface. However, following remediation, the Ra-226 concentrations would be less than those stated above.
Nuclear Regulatory Commission - Radiological Criteria for License Termination [c]			
A site will be considered acceptable for unrestricted use if the residual radioactivity that is distinguishable from background radiation results in TEDE to an average member of the critical group that does not exceed 25 mrem/yr, including that from groundwater sources of drinking water, and that the residual radioactivity has been reduced to ALARA.	10 C.F.R. § 20.1402	Relevant and appropriate (only for Site 8, Units 1 and 4)	Site 8 is not a NRC-licensed radiologically-contaminated site. In addition, Ra-226 is not a NRC-regulated material. Therefore, the cited requirements are not applicable. However, substantive requirements are relevant and appropriate for cleanup of Ra-226 at Site 8, Units 1 and 4.
STATE			
Cal/EPA Department of Toxic Substances Control [c]			
Defines "non-RCRA hazardous waste"	Cal. Code Regs. tit. 22, § 66261.22(a)(3) and (4), § 66261.24(a)(2)–(a)(8), § 66261.101, § 66261.3(a)(2) (C), and § 66261.3(a)(2) (F)	Applicable	Applicable for determining whether waste generated is a non-RCRA hazardous waste.
Definitions of designated waste, nonhazardous waste, and inert waste.	Cal. Code Regs. tit. 27, §§ 20210, 20220, and 20230	Applicable	Applicable for classifying waste and determining ARAR status of other requirements.

Notes:
[a] many potential action-specific ARARs contain chemical-specific limitations and are addressed in the action-specific ARAR tables.
[b] only the substantive provisions of the requirements cited in this table are potential ARARs.
[c] statutes and policies, and their citations, are provided as headings to identify general categories of potential ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the DON accepts the entire statutes or policies as potential ARARs; specific potential ARARs are addressed in the table below each general heading; only pertinent substantive requirements of specific citations are considered potential ARARs.

Acronyms/Abbreviations:

§	section
ALARA	as low as reasonably achievable
ARAR	applicable or relevant and appropriate requirement
Cal. Code Regs.	California Code of Regulations
Cal/EPA	California Environmental Protection Agency
C.F.R.	Code of Federal Regulations
cm	Centimeter
N.R.C.	Nuclear Regulatory Commission
pCi/g	picocurie per gram
pt.	part
Ra-226	radium-226
RCRA	Resource Conservation and Recovery Act
TCLP	toxicity characteristic leaching procedure
TEDE	total effective dose equivalent
tit.	title
U.S.C.	United States Code
WL	working level
UMTRCA	Uranium Mill Tailings Radiation Control Act

- During remedial construction activities involving disturbance of soil containing Ra-226, measures for fugitive dust emissions control and best management practices (BMPs) for storm water pollution prevention would be implemented. Therefore, no significant effluent streams are expected outsidethe boundaries of the sites during remedial action construction that could result in exposure of the members of the public.
- During remedial construction activities, the public will not be allowed to enter the exclusion and/or contaminant reduction zones.
- Following completion of remedial action, Ra-226 contaminated soil posing unacceptable risk to human health will be removed from Site 8, Units 1 and 4; therefore, potential pathways for exposure of the members of the public to Ra-226 will be eliminated.

NRC Effluent Limits

The NRC establishes limits for effluent releases to unrestricted areas (i.e. public areas) at 10 C.F.R. part 20, Appendix B, Table 2. The effluent limits are established to the unrestricted areas particularly in the implementation of the provisions of 10 C.F.R. § 20.1302 which implement the radiation dose limits for the public at 10 C.F.R. §20.1301. Site 8 is not an NRC-licensed site. Therefore, the effluent limits are not applicable. Additionally, since measures such as fugitive dust emissions control and BMPs for storm water pollution prevention would be implemented during excavation activities at Site 8, Units 1 and 4, no significant effluent streams are expected to be generated during the remedial action. Therefore the effluent limits at 10 C.F.R. part 20, Appendix B, Table 2 do not constitute potentially relevant and appropriate ARARs for Site 8, Units 1 and 4.

12.2.1.2 STATE

The State of California regulations related to the identification of non-RCRA hazardous waste are applicable to the preferred remedial action. These regulations include Cal. Code Regs. tit. 22, §§ 66261.22(a)(3) and (4), 66261.24(a)(2) to (a)(8), 66261.101, 66261.3(a)(2)(C) or 66261.3(a)(2)(F). If, based on the above determination, wastes are determined to be non-RCRA hazardous waste, then hazardous waste accumulation, storage, and disposal requirements would be applicable.

The California Department of Health Services identified the radioactive waste standards at Cal. Code Regs. tit. 17, § 30253 as potential State ARARs for remediation of Ra-226 contaminated soil at Site 8, Units 1 and 4. The State standards incorporate by reference the Federal standards at 10 CFR Part 20. Since they are not more stringent than Federal requirements, the State radioactive waste standards at Cal. Code Regs. tit. 17, § 30253 do not constitute potential ARARs for remedial action at Site 8.

12.2.2 Location-Specific ARARs

No Federal or State location-specific ARARs were identified for the selected remedy.

12.2.3 Action-Specific ARARs

Action-specific ARARs are technology- or activity-based requirements or limitations for remedial activities. These requirements are triggered by the particular remedial activities conducted at the site. Remedial activities associated with the selected remedy include activities that have the potential to generate air contaminants, particulate matter, and hazardous waste. Table 12-2 discusses action-specific ARARs.

12.2.3.1 FEDERAL

Resource Conservation and Recovery Act Requirements

The selected remedial action will involve generation of on-site waste. Substantive portions of the Federally authorized RCRA program in the State of California for on-site waste generation are applicable. These include Cal. Code Regs. tit. 22, §§ 66262.10(a) and 66262.11. The determination of whether waste generated during remedial actions is hazardous will be made as wastes are excavated. Excavated waste classified as RCRA hazardous waste will be accumulated in accordance with Cal. Code Regs. tit. 22, § 66264.34 (for accumulation in containers) or 40 C.F.R. § 264.554(d)(1)(i-ii) and (d)(2), (e), (f), (h), (i), (j), and (k) (for accumulation in staging piles). The container storage and transport will be in compliance with Cal. Code Regs. tit. 22, §§ 66264.171-174 and 175(a) and (b). At closure, storage containers will be decontaminated in accordance with Cal. Code Regs. tit. 22, § 66264.178. If the excavated RCRA hazardous waste is stored in staging piles, the substantive requirements of 40 C.F.R. § 264.554(d)(1)(i-ii) and (d)(2), (e), (f), (h), (i), (j), and (k) will be ARARs for the design and operation of the staging piles. Since the wastes will be stored in either containers or staging piles in compliance with the identified ARARs, the LDRs contained in Cal. Code Regs. tit. 22, § 66268.40 are not triggered. The remedial action will also comply with clean closure regulations to the extent necessary to protect human health and the environment in accordance with Cal. Code Regs. tit. 22, § 66264.111.

Implementation of the selected remedy will include soil excavation and the use of heavy equipment. These activities may lead to fugitive dust or other air emissions. The air emissions during the implementation of remedial action at Sites 8 and 12 will need to comply with substantive provisions of the South Coast Air Quality Management District (SCAQMD) rules and regulations. The SCAQMD rules that have been approved by U.S. EPA as a part of the State Implementation Plan (SIP) and are therefore Federal ARARs for air emissions include Rules 403, 404, and 405.

NRC Requirements for Radioactive Waste Storage and Control

Ra-226 contaminated soil excavated from Site 8, Units 1 and 4 will be temporarily stored on-site. Since Ra-226 is similar to constituents regulated at an NRC-licensed site, the substantive requirements for storage and control of NRC licensed material at 10 C.F.R. §§ 20.1801 and 20.1802 are relevant and appropriate for temporary storage of excavated soil from Site 8, Units 1 and 4.

The storage requirements at 10 C.F.R. § 20.1801 state that "The licensee shall secure from unauthorized removal or access licensed materials that are stored in controlled or unrestricted areas." The control requirements at 10 C.F.R. § 20.1802 state that "The licensee shall control and maintain constant surveillance of licensed material that is in a controlled or unrestricted area and that is not in storage." A "controlled area" is an area outside of a restricted area, but inside the site boundary, to which access can be limited by the licensee for any reason. An "unrestricted area" is an area to which access is neither limited nor controlled by the licensee.

The access to stockpiles or containers used for temporary storage of Ra-226 contaminated soil will be controlled to prevent unauthorized removal.

NRC Requirements for Waste Disposal

The selected remedy will involve off-site disposal of Ra-226 contaminated soil excavated from Site 8, Units 1 and 4. Since Site 8 is not a NRC-licensed site and Ra-226 is not a NRC-licensed material, the NRC requirements for disposal of radioactive waste are not applicable to remedial action at Site 8, Units 1 and 4. However, substantive requirements at 10 C.F.R. § 20.2001(a) are relevant and appropriate ARARs for disposal of Ra-226 contaminated soil excavated from Site 8, Units 1 and 4.

Table 12-2: Action-Specific Applicable or Relevant and Appropriate Requirements for the Selected Remedy

Requirement	Citation	ARAR Determination	Comments
		FEDERAL	
Resource Conservation and Recovery Act (42 U.S.C. §§ 6901–6991[i])*			
Person who generates waste shall determine if that waste is a hazardous waste.	Cal. Code Regs. tit. 22, § 66262.10(a), 66262.11	Applicable	Applicable for any operation where waste is generated. Determination of whether wastes generated during remedial action are hazardous will be made as wastes are excavated.
Requirements for analyzing waste for determining whether waste is hazardous.	Cal. Code Regs. tit. 22, § 66264.13(a) and (b)	Applicable	Applicable for analysis of waste during the remedial action.
Onsite hazardous waste accumulation is allowed for up to 90 days as long as the waste is stored in containers in accordance with § 66262.171–178 or in tanks, on drip pads, inside buildings, and is labeled and dated, etc.	Cal. Code Regs. tit. 22, § 66262.34	Applicable	Substantive requirements are applicable for accumulation of waste for less than 90 days if the waste is hazardous waste and is stored on site. Wastes will not be stored on site for greater than 90 days.
Minimize the need for further maintenance controls and minimize or eliminate, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated rainfall or runoff, or waste decomposition products to groundwater or surface water or to the atmosphere.	Cal. Code Regs. tit. 22, § 66264.111(a) and (b)	Relevant and appropriate	Sites 8 and 12 do not constitute hazardous waste management facilities. Therefore, the cited requirements are not applicable. However, substantive requirements are relevant and appropriate for clean closure determination.
Containers of RCRA hazardous waste must be - maintained in good condition, - compatible with hazardous waste to be stored, and - closed during storage except to add or remove waste.	Cal. Code Regs. tit. 22, § 66264.171, .172, .173	Applicable	Substantive requirements of the cited regulations are applicable for accumulation of waste for less than 90 days if the waste is hazardous waste and is stored on site. Wastes will not be stored on site for greater than 90 days.
Inspect container storage areas weekly for deterioration.	Cal. Code Regs. tit. 22, § 66264.174	Applicable	Substantive requirements for inspection of container storage areas are applicable if the wastes are determined to be hazardous and are stored on site for less than 90 days.
Place containers on a sloped, crack-free base, and protect from contact with accumulated liquid. Provide containment system with a capacity of 10 percent of the volume of containers of free liquids. Remove spilled or leaked waste in a timely manner to prevent overflow of the containment system.	Cal. Code Regs. tit. 22, § 66264.175(a) and (b)	Applicable	Substantive requirements are applicable for accumulation of waste for less than 90 days if the waste is hazardous waste and is stored on site. Wastes will not be stored on-site for greater than 90 days.
At closure, remove all hazardous waste and residues from the containment system, and decontaminate or remove all containers and liners.	Cal. Code Regs. tit. 22, § 66264.178	Applicable	Substantive requirements are applicable for accumulation of waste for less than 90 days if the waste is hazardous waste and is stored on site. Wastes will not be stored on-site for greater than 90 days.
Allows generator to accumulate solid remediation waste in a U.S. EPA-designated pile for storage only, up to 2 years, during remedial operations without triggering LDRs.	40 C.F.R. § 264.554(d)(1)(i–ii) and (d)(2), (e), (f), (h), (i), (j), and (k)	Applicable	Substantive requirements are applicable for storage of excavated soil. The staging pile will be designed to prevent or minimize the releases of COCs into the environment, and minimize or adequately control cross-media transfer of pollutants.

Table 12-2: Action-Specific Applicable or Relevant and Appropriate Requirements for the Selected Remedy

Requirement	Citation	ARAR Determination	Comments
Nuclear Regulatory Commission (NRC)*			
The licensee shall secure from unauthorized removal or access licensed materials that are stored in controlled or unrestricted areas.	10 C.F.R. §20.1801	Relevant and appropriate (only for Site 8, Units 1 and 4)	Site 8 is not a NRC-licensed radiologically-contaminated site. In addition, Ra-226 is not a NRC-regulated material. Therefore, the cited requirements are not applicable. However, substantive requirements are relevant and appropriate for temporary storage of excavated Ra-226 contaminated soil.
The licensee shall control and maintain constant surveillance of licensed material that is in a controlled or unrestricted area and that is not in storage.	10 C.F.R. §20.1802	Relevant and appropriate (only for Site 8, Units 1 and 4)	Site 8 is not a NRC-licensed radiologically-contaminated site. In addition, Ra-226 is not a NRC-regulated material. Therefore, the cited requirements are not applicable. However, substantive requirements are relevant and appropriate for temporary storage of excavated Ra-226 contaminated soil.
A licensee shall dispose of licensed material only by: transfer to an authorized recipient, by decay in storage; or by release in effluents within the limits in § 20.1301; or as authorized under §§ 20.2002, 20.2003, 20.2004, or 20.2005.	10 C.F.R. §20.2001(a)	Relevant and appropriate (only for Site 8, Units 1 and 4)	Site 8 is not a NRC-licensed radiologically-contaminated site. In addition, Ra-226 is not a NRC-regulated material. Therefore, the cited requirements are not applicable. However, substantive requirements are relevant and appropriate for disposal of excavated Ra-226 contaminated soil from Site 8, Units 1 and 4. Ra-226 contaminated soil will be disposed at an off-site disposal facility licensed to receive Ra-226 contaminated soil.
South Coast Air Quality Management District (SCAQMD)*			
Prohibits emissions of fugitive dust such that the presence of such dust remains visible in the atmosphere beyond the property line of the emission source and shall not cause or allow PM_{10} levels to exceed 50 micrograms per cubic meter when determined, by simultaneous sampling, as the difference between upwind and downwind samples.	SCAQMD Rule 403	Applicable	Fugitive dust emissions of particulate matter are expected from the excavation and waste handling. Measures such as applying water to minimize fugitive dust emissions may be required.
Limits equipment from discharging particulate emissions in excess of 0.01 to 0.196 grain per cubic foot based on a given volumetric (dry standard cubic feet per minute) exhaust gas flow rate averaged over one hour or on cycle of operation. It excludes steam generators or gas turbines.	SCAQMD Rule 404	Applicable	The equipment used will comply with substantive requirements of this rule.
Limits equipment from discharging particulate emissions in excess of 0.99 to 30 pounds per hour based on a given process weight.	SCAQMD Rule 405	Applicable	The equipment used will comply with substantive requirements of this rule.
STATE			
State Water Resources Control Board (SWRCB) and Regional Water Quality Control Board (RWQCB)*			
Construction and earth-moving activities that result in disturbance of at least one acre are subject to Water Quality Order No. 99-08-DWQ and the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity (General Permit). Such activities include, but are not limited to, clearing, grading, stockpiling and excavation of soil or other materials.	NPDES General Permit for Storm Water Discharges Associated with Construction Activity (General Permit)	To be considered (TBC) guidance	Since the remedial action will result in disturbance of at least one acre at Sites 8 and 12, the State of California identified Water Quality Order No. 99-08-DWQ and the NPDES General Permit for Storm Water Discharges Associated with Construction Activity (General Permit) as potential ARARs. The DON has determined that Section 121 (e)(1) of CERCLA and the corresponding provision in the NCP (40 C.F.R Section 300.400[e][1]) apply to

Table 12-2: Action-Specific Applicable or Relevant and Appropriate Requirements for the Selected Remedy

Requirement	Citation	ARAR Determination	Comments
			the discharge of storm water from the remedial action areas at Sites 8 and 12, and that an NPDES permit (either general or individual) is not required for that discharge. However, the DON will comply with the substantive provisions of the NPDES General Permit identified by the State of California, as "TBC" guidance for compliance with the Federal Clean Water Act and State of California water quality requirements including substantive requirements for development and implementation of BMPs and substantive requirements for the content of a Storm Water Pollution Prevention Plan (SWPPP). Compliance with these substantive requirements will be documented as a Storm Water Management Plan in the Remedial Action Work Plan. This Plan will include a description of BMPs to be implemented during the remedial action and will address substantive SWPPP content requirements.
Requires that designated waste as defined at Cal. Water Code § 13173 be discharged to Class I or Class II waste management units.	Cal. Code Regs. tit. 27, § 20210	Applicable	Applicable if the excavated soil is characterized as designated waste.
Requires that nonhazardous solid waste as defined at § 20220(a) be discharged to a classified waste management unit.	Cal. Code Regs. tit. 27, § 20220(b), (c), and (d)	Applicable	Applicable if the excavated soil is characterized as nonhazardous waste.
Inert waste as defined at Cal. Code Regs. tit. 27, § 20230(a) need not be discharged at a classified unit	Cal. Code Regs. tit. 27, § 20230(b)	Applicable	Applicable if the excavated soil is characterized as inert waste.
South Coast Air Quality Management District (SCAQMD)*			
Visible emissions standard that states a person shall not discharge any air contaminant into the atmosphere from any single source of emission for a period or periods aggregating more than 3 minutes in a 60-minute period, which is (a) as dark or darker in shade as that designated No. 1 on the Ringelmann Chart, or (b) of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (a).	SCAQMD Rule 401	Applicable	Excavation, grading, earthmoving activities have the potential to produce visible emissions due to fugitive dust. Substantive requirements pertaining to visible emissions, such as wetting the soil may be required to minimize fugitive dust.
California Fish and Game Code*			
Prohibits the taking of birds and mammals, including the taking by poison.	Cal. Fish & Game Code § 3005(a)	Relevant and appropriate	Procedural aspects are not ARARs; certain substantive provisions pertaining to take of birds or mammals with a poisonous substance are relevant and appropriate. Precautions will be taken during remedial action to prevent bird and mammal exposure to contaminated soil.
Prohibits the take, possession, or needless destruction of the nest or eggs of any bird, except as otherwise provided by this code or any regulation made pursuant thereto.	Cal. Fish & Game Code § 3503	Relevant and appropriate	Substantive requirements are relevant and appropriate. Precautions will be taken during remedial action to prevent bird exposure to contaminated soil.
Prohibits take, possession, or destruction of any birds in the orders Falconiformes or Strigiformes (birds-of-prey) or to take,	Cal. Fish & Game Code § 3503.5	Relevant and appropriate	Substantive requirements are relevant and appropriate if the birds in the orders of Falconiforms or Strigiformes (birds of prey)

Table 12-2: Action-Specific Applicable or Relevant and Appropriate Requirements for the Selected Remedy

Requirement	Citation	ARAR Determination	Comments
possess, or destroy the nest or eggs of any such bird except as otherwise provided by this code or any regulation adopted pursuant thereto.			or their eggs are identified. Precautions will be taken to prevent exposure of these birds to contaminated soil during remedial action.
Prohibits the take of nongame birds, except in accordance with regulations of this commission, or when related to mining operations with a mitigation plan approved by the department. This section further provides requirements concerning mitigation plans related to mining.	Cal. Fish & Game Code § 3800	Relevant and appropriate	Substantive requirements are relevant and appropriate if the nongame birds or their eggs are located during remedial action. Precautions will be taken to prevent exposure of these birds to contaminated soil during remedial action.
Nongame mammals, or their part, may not be taken or possessed except as provided in this code or in accordance with regulations adopted by the commission. Nongame mammals are those occurring naturally in California which are not game mammals, fully protected mammals, or fur-bearing mammals.	Cal. Fish & Game Code § 4150	Relevant and appropriate	Substantive requirements are relevant and appropriate if the nongame mammals are located. Precautions will be taken to prevent exposure of these mammals to contaminated soil during remedial action.
Provides that nongame birds and mammals may not be taken except as provided in subsections (a) through (d) below and Sections 478 and 485. a) The following nongame birds and mammals may be taken except as provided in Chapter 6: English sparrow, starling, coyote, weasels, skunks, opossum, moles and rodents (excludes tree and flying squirrels, and those listed as furbearers, endangered or threatened species); b) Fallow, sambar, sika, and axis deer may be taken concurrently with the general deer season. c) Aoudad, mouflon, tahr, and feral goats may be taken all year. American crows may be taken only under provisions of Section 485 by any landowners or tenants, when American crows are committing or about to commit depredations upon ornamental shade trees, agricultural crops, livestock, or wildlife, or when concentrated in such numbers and manner as to constitute a health hazard or other nuisance. If required by Federal regulations, landowners or tenants shall obtain a Federal migratory bird depredation permit before taking any American crows or authorizing any other person to take them.	Cal. Code Regs. tit. 14, § 472	Relevant and appropriate	Substantive requirements are relevant and appropriate if the nongame animals are located. Precautions will be taken to prevent exposure of these mammals to contaminated soil during remedial action.

Notes:

* statutes and policies, and their citations, are provided as headings to identify general categories of potential ARARs for the convenience of the reader; listing the statutes and policies does not indicate that the DON accepts the entire statutes or policies as potential ARARs; specific potential ARARs are addressed in the table below each general heading; only substantive requirements of the specific actions are considered potential ARARs.

Table 12-2 (continued)

Acronyms/Abbreviations:

§	Section
ARAR	Applicable or relevant and appropriate requirement
BMPs	best management practices
Cal. Code Regs.	California Code of Regulations
Cal. Fish & Game Code	California Fish and Game Code
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
C.F.R.	Code of Federal Regulations
COCs	chemicals of concern
DOT	Department of Transportation, California
NPDES	National Pollutant Discharge Elimination System
PM_{10}	particulate matter, less than 10 micrometers in diameter
RWQCB	Regional Water Quality Control Board, Santa Ana Region
SCAQMD	South Coast Air Quality Management District
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TBC	to be considered
tit.	title
U.S.C.	United States Code

12.2.3.2 STATE

The SCAQMD Rule 401 has not been approved by the U.S. EPA as part of the SIP; therefore, it is a State ARAR for potential air emissions during the implementation of the selected remedy. The substantive provisions of California Fish and Game Code §§ 3005(a), 3503, 3503.5, 3800, and 4150, and Cal. Code Regs. tit. 14, § 472 related to protection of specific species of plants and animals during remedial action implementation at Sites 8 and 12 also constitute State ARARs.

12.2.4 Guidelines To be Considered

Since the remedial action will result in disturbance of at least one acre at Sites 8 and 12, the State of California identified Water Quality Order No. 99-08-DWQ and the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction Activity (General Permit) as potential ARARs. The DON has determined that Section 121 (e)(1) of CERCLA and the corresponding provision in the NCP (40 C.F.R Section 300.400[e][1]) apply to the discharge of storm water from the remedial action area at Sites 8 and 12, and that an NPDES permit (either general or individual) is not required for that discharge. However, the DON will comply with the substantive provisions of the NPDES General Permit identified by the State of California, as "TBC" guidance for compliance with the Federal Clean Water Act and State of California water quality requirements including substantive requirements for development and implementation of BMPs and substantive requirements for the content of a storm water pollution prevention plan (SWPPP). Compliance with these substantive requirements will be documented as Storm Water Management Plan in the Remedial Action Work Plan. This Plan will include a description of the BMPs to be implemented during the remedial action and address substantive SWPPP content requirements.

12.2.5 Other Requirements

The remedial actions at Sites 8 and 12 will include transportation and off-site disposal of excavated impacted soil. Transportation and off-site disposal of excavated soil are considered off-site actions. Since ARARs are only identified for on-site response actions where CERCLA authority is the basis for cleanup; no ARARs were identified for off-site transportation and disposal of excavated soil. However, off-site actions are to comply with both substantive and administrative requirements of applicable Federal and State laws and regulations including California Department of Transportation regulations.

The selection of off-site disposal facility will be based on based on the results of characterization of the excavated soil, and in accordance with the requirements of 40 CFR Section 300.440 (a)(1)(3) and (4).

12.3 COST-EFFECTIVENESS

Alternative 3, the selected remedy for Site 8, Units 1, 3, and 4; and Site 12, Unit 3 has been determined to provide overall effectiveness proportional to its costs; it is therefore considered cost-effective. The estimated net present-worth cost for this remedial action is approximately $132,000 for Site 8, Unit 3; $1.26 million for Site 12, Unit 3; and $1.7 million for Site 8, Units 1 and 4. Technologies included in this remedy are readily implementable and have been widely used and demonstrated to be effective.

12.4 Utilization of Permanent Solutions and Alternative Treatment Technologies (or Resource Recovery Technologies) to the Maximum Extent Practicable

The DON has determined that the selected remedy represents the maximum extent practicable to which permanent solutions and alternative treatment technologies can be used in a cost-effective manner at Site 8, Units 1, 3, and 4; and Site 12 Unit 3. The remedy is protective of human health and the environment and complies with all ARARs. The contaminated soil posing an unacceptable risk to human health under the residential scenario will be removed from Site 8, Units 1, 3, and 4; and Site 12, Unit 3. Alternative 3 is readily implementable using standard equipment and methods.

12.5 Statutory Preference for Treatment as a Principal Element

The CERCLA Section 121(b) identifies a statutory preference for alternatives that utilize treatment to reduce the toxicity, mobility, or volume of contamination. Although Alternative 3 does not treat the contaminated soil to remove the contaminants at Site 8 Units 1, 3, and 4; and Site 12 Unit 3, the contaminated soil will be removed from the sites and transported to an appropriate off-Station disposal facility. Some treatment by the off-site disposal facility could be required if the soil characteristics necessitated it; however, this was not assumed for this alternative. Excavation and removal of the contaminated soil from Site 8, Units 1, 3, and 4; and Site 12, Unit 3 will reduce the volume of contaminants at these sites.

During the development of alternatives in the FS Addendum, no treatment technology could be identified that treats or reduces radiotoxicity of Ra-226 at Site 8, Units 1 and 4. For Site 8, Unit 3 and Site 12, Unit 3, Alternatives 4 and 5 provide for the treatment of the non-radiological contaminants in the soil. However, these alternatives are not cost-effective when compared to the selected remedy, nor do they reduce the risks any more than Alternative 3. Alternative 4 provides for excavation of contaminated soil, on-site soil washing, on-site incineration, and off-Station disposal of incineration residuals at a Class I landfill. This alternative is five times more expensive (approximately $7 million) than Alternative 3 (approximately $1.4 million) for remediation of non-radiologically contaminated soil. Although Alternative 4 would treat the contaminated soil, it is likely the incineration residuals produced (to be disposed in an off-site landfill) would be more toxic than the excavated soil. The soil washing/incineration equipment will require treatability studies and, in addition, it is expected that public support for these types of technologies would be more difficult to obtain.

Alternative 5 also provides for the treatment of the contaminated soil at Site 8, Unit 3 and Site 12, Unit 3. Under this alternative, contaminated soil would be treated via soil washing system and the contaminated portion of the soil would be disposed at an off-Station Class I Landfill. It is likely that the contaminated soil disposed off-Station would be more toxic than the excavated soil. In addition, the cost of this alternative (approximately $3.2 million) is more than two times as much as Alternative 3 for remediation of non-radiologically contaminated soil.

In summary, the most decisive factors in support of Alternative 3 are the following:

- Alternative 3 is rated highest in the comparative evaluation of remedial alternatives by balancing criteria.
- Alternative 3 results in the same risk reduction as Alternatives 4 and 5, which provide for treatment of the non-radiologically contaminated soil at Site 8, Unit 3 and Site 12, Unit 3.
- Alternative 3 is the least expensive of the alternatives that provide permanent risk reduction at Site 8 Unit 3 and Site 12 Unit 3.

- Residual treatment products resulting from implementation of Alternatives 4 and 5 would likely be more toxic than contaminated soil present at the sites. These alternatives would be significantly more difficult to implement than Alternative 3.

12.6 Applicability of Five-Year Review

Alternative 3 will remove contaminated soil from Site 8, Units 1, 3, and 4; and Site 12, Unit 3, and will not result in hazardous substances, pollutants, or contaminants remaining on-site at levels above those that allow for unlimited use and unrestricted exposure. Therefore, a 5 year review under CERCLA Section 121(c) will not be required for the selected remedial action.

13. DOCUMENTATION OF SIGNIFICANT CHANGES

The Proposed Plan for Sites 8 and 12 (in conjunction with another OU-3A site, Site 11) was released for public comment in May 1999. The Proposed Plan identified Alternative 3, excavation, with recycling of the excavated soil as cover material at the on-Station Sites 2 and 17 landfills, as the preferred alternative for contaminated soil at Site 8, Units 3 and 5; and Site 12, Unit 3. The off-Station disposal of contaminated soil was also presented as a disposal option in the Proposed Plan. It was determined that Units 1, 2, and 4 of Sites 8 and 12 do not require remedial action.

Subsequent to the public comment period on the Proposed Plan and the issuance of the Draft ROD, reevaluation of human-health risks and radiological investigations were performed at Sites 8 and 12. Based on the results of the updated HHRA, the Risk Reevaluation Technical Memorandum (Earth Tech 2003a) concurred with the NFA recommendation in the Draft ROD for Units 1, 2, and 4 of Sites 8 and 12 for non-radiological contaminants (DON 1999a). For Site 8, Units 3 and 5; and Site 12, Unit 3, a reevaluation of the response action documented in the Draft ROD based on the updated site risks and risk management considerations was recommended. Additionally, the radiological investigation results at Sites 8 and 12 indicated that remedial action for radiological constituent (Ra-226) is required at Site 8, Units 1 and 4.

This new information significantly affected the scope and cost of the preferred remediation alternative presented in the original Proposed Plan. These significant changes could not have been reasonably anticipated based on the information previously made available to the public. Therefore, in compliance with statutory requirements for ensuring that the public has the opportunity to comment on the remedy selection decisions, a revised Proposed Plan was prepared and released for public comment in March 2006. The revised Proposed Plan presented new information to the public and identified excavation and off-site disposal as the preferred alternative for contaminated soil at Site 8, Units 1, 3, and 4; and Site 12, Unit 3. The Proposed Plan also indicated that response actions are not required at Site 8, Units 2 and 5; and Site 12, Units 1, 2, and 4. The DON reviewed all written and verbal comments submitted during the public comment period from 27 March 2006 to 26 April 2006 following the issuance of the Revised Proposed Plan. It was determined that no significant changes to the remedy, as originally identified in the Revised Proposed Plan, were necessary.

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Responsiveness Summary

Responses to Comments Received During the Public Meeting

Comments Received During Public Meeting Held on 29 March 2006

Comment No.	Comment	Response
Comments by: Mr. Leon Delaney, Public Meeting Attendee		
1.	In the '20s and '30s, one of the largest kaolinite – that's K-A-O-L-N-I-T-E – clay mines were here at El Toro. The thing about kaolinite is it's basically worthless soil. It's good for ceramics, pottery. It's incompactable, and it implodes on itself like a house of cards. And one of the biggest mines was right here at El toro. So my question is it has to be removed down to the bedrock about three or four or five feet. What is the Navy planning on doing about removing this soil before they put any weight on it like buildings, homes, office buildings? That's my question.	The subject of the public meeting held on 29 March 2006 was to present the proposed remedial action for the Installation Restoration Program (IRP) Sites 8 and 12 at Former Marine Corps Air Station (MCAS) El Toro. This remedial action is being conducted under the Comprehensive Response, Compensation, and Liability Act (CERCLA) to address contaminants in soil that pose an unacceptable risk to human health and the environment. CERCLA remedial actions would not remove any soil unless it has been contaminated by releases of hazardous substances attributable to Former MCAS El Toro. Therefore, removal of kaolinite (a type of naturally occurring clay), if present at IRP Sites 8 and 12 or any other IRP site at Former MCAS El Toro would not be conducted under a CERCLA response action unless it was contaminated. The removal of kaolinite, if necessary to preserve the structural integrity of any new buildings or structures, would be the responsibility of the redevelopers of Former MCAS El Toro property.
Comments by: Ms. Marcia Rudolph, RAB Member and Public Meeting Attendee		
2.	Years ago sort of following the process, there was a site designation of Site 25 which had to do with washes and the drainage off-site. I'm assuming that the – you know, this display over here shows part of that – or what is part of that or was that not part of what was Site 25? To put it in format, the concern is that there may be some things that have gotten off-site that - off-base because of the flow of various liquids over the years off the site. And I'm aware that the Navy does not look into what goes beyond the boundary unless it's a subsurface and vadose zone.	The Navy assumes that first part of the question relates to whether IRP Sites 8 and 12 were a part of IRP Site 25. IRP Sites 8 and 12 were not part of IRP Site 25. IRP Site 25 consists of the following four major drainage channels that flow through or adjacent to Former MCAS El Toro: 1) Agua Chinon Wash, 2) Bee Canyon Wash, 3) Borrego Canyon Wash, and 4) Marshburn Channel. These four drainage channels were investigated and a Final Record of Decision (ROD) documenting that no action is required to protect human health and/or the environment at IRP Site 25 was signed in September 1997. Previous investigations indicate that surface water runoff at IRP Sites 8 and 12 occurs only during significant rainfall events. At IRP Site 8 (Unit 3) there is limited potential for off-site transport of contaminants in soil due to surface water runoff, since the area is covered with asphalt, and the average annual rainfall in the area is low. The surface water runoff from IRP Site 8 flows into the Agua Chinon and Bee Canyon Washes. At IRP Site 12 (Unit 3), the surface is an unimproved earthen channel, stabilized by vegetation. Although contaminants reported in shallow soil at this site (polynuclear aromatic hydrocarbons [PAHs] and polychlorinated biphenyls [PCBs]) are relatively immobile by nature, the potential for off-site transport of contaminants in soil due to surface water run-off does exist. The proposed remedial action at this site would eliminate this potential by removing (excavating) the contaminated soil and disposing of it at an off-site facility

Comments Received During Public Meeting Held on 29 March 2006

Comment No.	Comment	Response
		approved by the United States Environmental Protection Agency (U. S. EPA) for receiving this type of contaminated soil.
3.	I would like to know where the contaminated soil is going to be taken to. I understand the parameters of the site. I just would like at some point to know exactly where that place is.	The selection of the facility that will receive the contaminated soil excavated from Sites 8 and 12 has not yet been made. The selection of the disposal facility will be performed as a part of the remedial design following completion of the final ROD. The name and address of the specific disposal facility (or facilities) will be included in Remedial Design/Remedial Action Work Plan, which will be available to public for review at the Navy Office located at 937 N. Harbor Drive, San Diego, California 92132, and at Former MCAS El Toro.
4.	Also, there was some concern about the old – the old drainage from the old sewage treatment plant and where that material went and if there was a potential leakage in the old clay pipe system. I would like to make sure that that issue is covered in comments and will be looking forward to comments from the regulators on this.	The drainage from the old sewage treatment plant and potential leakage in the old clay pipe system have been adequately addressed as part of previous investigations at IRP Site 24 and during the Resource Conservation and Recovery Act (RCRA) Facility Assessment. Regulatory agencies reviewed and concurred with these previous investigations and conclusion that there were no significant releases of CERCLA contaminants at this site.
Comments by: Mr. Peter Hersh, RAB Member and Public Meeting Attendee		
5.	A question I'd like an answer to is Alternatives four and five seem to be a more thorough method of cleanup. I'm wondering why those alternates were not received and not considered. The answer is that everything here now contains – or does contain radium-contaminated soil. I don't understand – I'm not sure looking at this whether or not all the removal areas do contain contaminated soil. Thank you.	The Navy's proposed remedial alternative for IRP Sites 8 and 12 was based on detailed individual and comparative analyses of all the remedial alternatives with respect to the nine evaluation criteria identified in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (Title 40 of the Code of Federal Regulations, Section 300.430 [e][9][iii]). These analyses were performed during the feasibility study, and are summarized on page 13 of the Proposed Plan. The comparative analysis shows that Alternative 3 provides the best balance of trade-offs among the nine NCP evaluation criteria. Proposed Alternative 3 meets the threshold criteria of overall protection of human health and the environment and complies with applicable or relevant and appropriate requirements (ARARs). This alternative also offers: • a high level of performance when evaluated using the following NCP criteria: long-term effectiveness and permanence and implementability, and • a cost-effective means of accomplishing the remedial action objectives for the sites. Off the five units at IRP Site 8, only Units 1, 3, and 4 contain contaminated soil that needs remediation. Units 1 and 4 of IRP Site 8 contain radium-226 contaminated soil and Unit 3 contains PCB-contaminated soil. No further action is required at Units 2 and 5 of IRP Site 8. At IRP Site 12, only Unit 3 contains contaminated soil requiring remedial action. No further action is required at Units 1, 2, and 4 of IRP Site 12.

Response to Comments Received During the Public Comment Period

Comments Received During Public Comment Period Held from 27 March 2006 to 26 April 2006

Comment No.	Comment	Response
Comments by: Mr. Leon Delaney, Public Meeting Attendee		
1.	Sir thank you for your quick response but that still doesn't address kaolinite issue because I know thousands of homes and office buildings and mini malls are going on this land and just like the homes that imploded on the themselves in Anaheim Hills last year will probably happen at Great Park over the years if you could spare a knowledgeable Navy personal to follow a trial against Lennar that begins May 8th in Santa Ana. we are going to touch on kaolinite and expansion index and asbestos and the drillings and corings from El Toro 7.5 Quadrangle etc. if you have time look up on google KAOLINITE-SERPENTINE	Please see response to Comment #1 in the "Response To Comments Received During Public Meeting" section of this Responsiveness Summary.
Comments by: Mr. Ronald L. Tippets, Chief, Environmental Planning Division, Resources and Development Management Department, County of Orange (Letter dated 25 April 2006)		
2.	WATER QUALITY It is recommended that the following issues be addressed in the document: The Location-specific Applicable or Relevant and Appropriate Requirements (ARARs) should address the County of Orange National Pollutant Discharge Elimination System (NPDES) Permit Order No. R8-2002-0010. U.S. Marine Corps Station El Toro is listed within NPDES Permit Order No. R8-2002-0010 as an entity which is expected to actively participate in implementing the Orange County Storm Water Program (Finding 25 and Attachment C). As such, the water quality impacts of the project should be evaluated in accordance with the provisions outlined in Exhibit 7-I of the 2003 Countywide Drainage Area Management,Plan (DAMP). At a minimum, the following information should be provided:	The County of Orange National Pollutant Discharge Elimination System (NPDES) Permit Order No. R8-2002-0010 was evaluated as a potential applicable or relevant and appropriate requirement (ARAR) for the remedial action at IRP Sites 8 and 12 (see Section 12.2 of the ROD). The Department of the Navy (DON) has determined that Section 121 (e)(1) of CERCLA and the corresponding provision in the NCP (40 C.F.R Section 300.400[e][1]) apply to the discharge of stormwater from the remedial action areas at IRP Sites 8 and 12, and that an NPDES permit is not required for that discharge. The DON also notes that it (the DON) is not identified as a co-permittee for the permit so that it would not be directly subject to the permit even in the absence of the permit exception in Section 121(e)(1) of CERCLA. Further, the DON has determined that NPDES Permit Order No. R8-2002-0010 does not constitute a "to be considered" (TBC) guidance. Exhibit 7.I of the Drainage Area Management Plan (DAMP) is a guidance for preparing and reviewing California Environmental Quality Act (CEQA) initial studies and Environmental Impact Reports (EIRs). These guidelines have been developed to ensure that stormwater pollution related issues are properly considered and addressed during the CEQA document preparation and review process. The CEQA does not constitute an ARAR for actions conducted by the DON pursuant to CERCLA. The CEQA is applicable to state discretionary decision-making but not to actions of the federal government. Furthermore, United States Environmental Protection Agency (U.S. EPA) and the DON have determined that the requirements of the CEQA are no more stringent than the requirements for environmental

Comments Received During Public Comment Period Held from 27 March 2006 to 26 April 2006

Comment No.	Comment	Response
		review under CERCLA, as amended by the Superfund Amendments and Reauthorization Act (SARA). Pursuant to the provisions of CERCLA, the NCP, and other federal environmental impact evaluation requirements, selecting a remedial action with feasible mitigation measures and provision for public review is designed to assure that the proposed action provides for short- and long-term protection of the environment and public health. Hence, CERCLA performs the same function as, and is functionally equivalent to, the State's requirements under CEQA. Therefore, CEQA initial studies and/or EIRs addressing potential stormwater-related or other environmental impacts are not required for response actions conducted under CERCLA. Although not conducted as a part of CEQA environmental review process, the DON considers and addresses stormwater pollution related issues due to implementation of remedial/removal actions at the IRP sites as a part of CERCLA. The CERCLA documentation includes discussion of issues related to stormwater runoff and measures to control stormwater pollution. The scope of the stormwater pollution assessment and control depends on the scope of the response action and the requirements determined to be ARARs or TBCs for the response actions. For the proposed remedial action at IRP Sites 8 and 12, the stormwater pollution related issues during construction and post-construction phases of the project would be considered during the remedial design/remedial action phase of the CERCLA process. Since the remedial action would result in disturbance of at least one acre at IRP Sites 8 and 12, the DON would comply with substantive provisions of the State Water Resources Control Board's (SWRCB's) NPDES General Permit for Storm Water Discharges Associated with Construction Activity as "TBC" guidance for compliance with the Federal Clean Water Act and state of California water quality requirements. These substantive requirements include development and implementation of Best Management Practices (BMPs) and substantive requirements for the content of a Storm Water Pollution Prevention Plan (SWPPP). Compliance with these substantive requirements would be documented as a Storm Water Management Plan (SWMP) in the Remedial Design/Remedial Action Work Plan prepared subsequent to the finalization of the ROD. By complying with the substantive requirements of SWRCB's General Construction Permit, the SWMP would address stormwater pollution assessment and control requirements in Exhibit 7.I of the DAMP as explained in Responses to Comments 2a through 2j.
	a. A description of project characteristics with respect to water quality issues, such as project site location in a given watershed, site acreage, change in percent impervious surface area, and Best Management Practices (BMPs) to be incorporated into the project design.	The SWMP that will be included in the Remedial Design/Remedial Action Work Plan will include descriptions of project characteristics with respect to water quality issues, such as project site location in a given watershed, site acreage, change in percent impervious surface area, and BMPs to be implemented during construction phase of the project.

Comments Received During Public Comment Period Held from 27 March 2006 to 26 April 2006

Comment No.	Comment	Response
	b. A review of DAMP Exhibit 7.1 Table 7-I.1, Priority Projects Categories. If this project is considered a Priority Project, it will require the development of a Water Quality Management Plan.	Although NPDES Permit Order No. R8-2002-0010 does not constitute an ARAR or TBC guidance for the remedial action at IRP Sites 8 and 12, a review of DAMP Exhibit 7.1 Table 7-I.1, Priority Projects Categories was conducted. This review indicated that the remedial action at IRP Sites 8 and 12 is not classified as a Priority Project.
	c. Identification of receiving waters. The Revised IRP should identify all receiving waters that may receive runoff from the project site.	The SWMP that will be included in the Remedial Design/Remedial Action Work Plan will identify receiving waters that may receive runoff from IRP Sites 8 and 12 during construction.
	d. A description of the sensitivity of the receiving waters. In particular the Negative Declaration should identify Areas of Special Biological Significance, water bodies with Total Maximum Daily Loads (TMDLs); 303(d) listed impaired water bodies.	The SWMP will include a description of sensitivity of the receiving water. As explained in response to Comment #1, CEQA does not constitute an ARAR for remedial action conducted pursuant to the CERCLA at IRP Sites 8 and 12. Therefore, Negative Declaration is not required.
	e. A characterization of the potential water quality impacts from the proposed project and identification of the anticipated pollutants to be generated by the project.	The SWMP that will be included in the Remedial Design/Remedial Action Work Plan will identify sources that have potential to contribute sediments and pollutants to storm water run-off along with potential pollutants expected. Since the BMPs will be implemented to reduce or eliminate storm water pollution and non-storm water discharges, potential impacts on the water quality of the receiving waters are expected to be insignificant.
	f. An identification of hydrologic conditions of concern, such as runoff volume and velocity; reduced infiltration, and increased flow, frequency, duration, and peak of storm runoff.	The SWMP that will be included in the Remedial Design/Remedial Action Work Plan will identify pertinent hydrologic conditions of concern, such as runoff flow rate before and after construction, and runon flow rate.
	g. An assessment of project impact significance to water quality.	Since the BMPs will be implemented to reduce or eliminate storm water pollution and non-storm water discharges, potential impacts on the water quality of the receiving waters is expected to be insignificant.
	h. An evaluation of thresholds of significance.	Thresholds of significance will not be established. However, regular inspection of the BMPs will be conducted during remedial construction consistent with the substantive requirements of the SWRCB NPDES General Permit for Storm Water Discharges associated with Construction Activity. These inspections will ensure that BMPs are adequate and properly implemented and will minimize the potential for significant water quality impacts due to storm water runoff.

Comments Received During Public Comment Period Held from 27 March 2006 to 26 April 2006

Comment No.	Comment	Response
	i. If a proposed project has the potential to create a major new stormwater discharge[1] to a water body with an established TMDL, the Revised IRP should consider quantitative analysis of the anticipated pollutant loads in the stormwater discharges to the receiving waters.	The remedial action at IRP Sites 8 and 12 will not create any permanent stormwater discharge to a water body with an established total maximum daily load (TMDL). As a result, a quantitative water quality analysis will not be conducted.
	j. A reasonable analysis of the cumulative impacts of the proposed project together with past, present and reasonably anticipated future projects (related projects) that could produce cumulative impacts with the proposed project.	Based on the scope of the remedial action, the cumulative impacts of the proposed remedial action, together with past, present, and reasonably anticipated future projects on the stormwater quality are expected to be insignificant. Therefore, a detailed stormwater quality cumulative impact assessment is not required for remedial action at IRP Sites 8 and 12.
3.	Mitigation for the construction phase of the project should include compliance with the State General Construction Permit and the inclusion of the following as general or specific notes on project plan sheets:	The DON will comply with the substantive provisions of the NPDES General Permit for Storm Water Discharges Associated with Construction Activity, as "TBC" guidance for compliance with the Federal Clean Water Act and state of California water quality requirements including substantive requirements for development and implementation of BMPs and substantive requirements for the content of an SWPPP. Compliance with these substantive requirements will be documented as a SWMP which will be a part of the Remedial Design/Remedial Action Work Plan. The comments on inclusion of specific information as general or specific notes on project plan sheets are addressed below.
	a. Sediment from areas disturbed by construction shall be retained on site using structural controls to the maximum extent practicable.	The BMPs implemented to retain sediment from the areas disturbed by construction during remedial action at IRP Sites 8 and 12 will be specified in the SWMP included in the Remedial Design/Remedial Action Work Plan.
	b. Stockpiles of soil shall be properly contained to eliminate or reduce sediment transport from the site to the streets, drainage of facilities or adjacent properties via runoff, vehicle tracking, or wind.	The BMPs to contain the stockpiles to reduce sediment transport from the site by storm water runoff, wind or vehicle tracking during remedial action implementation at IRP Sites 8 and 12 will be specified in the SWMP included in the Remedial Design/Remedial Action Work Plan.
	c. Appropriate BMPs for construction-related materials, wastes, spills or residues shall be implemented to minimize transport from the site to streets, drainage facilities, or adjoining properties by wind or runoff.	Appropriate BMPs for construction-related materials, wastes, spills, or residues during remedial action at IRP Sites 8 and 12 will be specified in the SWMP included in the Remedial Design/Remedial Action Work Plan.

Comments Received During Public Comment Period Held from 27 March 2006 to 26 April 2006

Comment No.	Comment	Response
	d. Runoff from equipment and vehicle washing shall be contained at construction sites unless treated to reduce or remove sediment and other pollutants.	Equipment and vehicle washing are not expected to be performed on-site as a part of remedial action at IRP Sites 8 and 12. However, if these activities are planned as a part of remedial action, appropriate BMPs to contain potential runoff from equipment and vehicle washing will be specified in the SWMP included in the Remedial Design/Remedial Action Work Plan.
	e. All construction contractor and subcontractor personnel are to be made aware of the required best management practices and good housekeeping measures for the project site and any associated construction staging areas.	All construction contractors and subcontractor personnel will be briefed and made aware of the BMPs contained in the SWMP included in the Remedial Design/Remedial Action Work Plan.
	f. At the end of each day of construction activity all construction debris and waste materials shall be collected and properly disposed in trash or recycle bins.	Requirements relating to good housekeeping practices will be included in the Remedial Design/Remedial Action Work Plan.
	g. Construction sites shall be maintained in such a condition that a storm does not carry wastes or pollutants off the site. Dischargers other than stormwater (nonstomwater discharges) are authorized under California's General Permit for Storm Water Discharges Associated with Construction Activity only where they do not cause or contribute to a violation of any water quality standard and are controlled through implementation of appropriate BMPs for elimination or reduction of pollutants. Non-stormwater discharges must be eliminated or reduced to the extent feasible Potential pollutants include but are not limited to: solid or liquid chemical spills; wastes from paints, stains, sealants, solvents, detergents, glues, lime, pesticides, herbicides, fertilizers, wood preservatives, and asbestos fibers, paint flakes or stucco fragments; fuels, oils, lubricants and hydraulic, radiator or battery fluids; concrete and related cutting or curing residues; floatable	The SWMP that will be included in the Remedial Design/Remedial Action Work Plan will include specification of BMPs for potential non-stormwater discharges.

Comments Received During Public Comment Period Held from 27 March 2006 to 26 April 2006

Comment No.	Comment	Response
	wastes, wastes from any engine/equipment steam cleaning or chemical degreasing; wastes from street cleaning; and superchlorinated potable water line flushing and testing. During construction, disposal of such materials should occur in a specified and controlled temporary area on-site physically separated from potential stormwater runoff, with ultimate disposal in accordance with local, state and federal requirements.	
	h. Discharging contaminated groundwater produced by dewatering groundwater that has infiltrated into construction site is prohibited. Discharging of contaminated soils via surface erosion is also prohibited. Discharging of non-contaminated groundwater produced by dewatering activities requires a NPDES permit from the Santa Ana Regional Water Quality Control Board.	Dewatering operations involving groundwater are not expected during remedial action at IRP Sites 8 and/or 12 since the excavation depths are relatively shallow (approximately 2 – 8 feet below ground surface [bgs]) and the groundwater table is deep (approximately 100 feet bgs). BMPs will be implemented during remedial action at IRP Sites 8 and 12 to minimize transport of potentially contaminated soil due to surface water runoff.
4.	OPEN SPACE/RECREATTON The Orange County Transportation Authority's Strategic Plan for regional bikeways identifies a Class I (paved off-road) bikeway parallel to the Metrolink/Amtrak railroad tracks in the project vicinity. The proposed bikeway will likely be located on the south side of the tracks, as the intent is to connect it to the Irvine Transportation Center. However, there is a possibility that the bikeway would be located on the north side of the tracks. The project applicant should be aware of this future bikeway as planning continues for the excavation and disposal of contaminated soil in the area.	The DON thanks the County of Orange for the information.

Transcript of the Public Meeting

FORMER MARINE CORPS AIR STATION

EL TORO

PUBLIC MEETING

MARCH 29, 2006

6:30 P.M.

PROPOSED PLAN

FOR

INSTALLATION RESTORATION SITES 8 AND 12

IRVINE CITY HALL

IRVINE, CALIFORNIA

CERTIFIED

ORIGINAL

Photocopy of Original Certified Copy

REPORTED BY: MACHELLE JAARSMA, CSR NO. 9800

910 W. SAN MARCOS BOULEVARD, SUITE 202
SAN MARCOS, CALIFORNIA 92078
PHONE 760.744.0705 FAX 760.744.0484

PUBLIC MEETING

MARCH 29, 2006

MR. DARREN NEWTON: We are on the record.

Thank you for attending this public meeting for Installation Restoration Sites 8 and 12 Proposed Plan. My name is Darren Newton. I'm the BRAC Environmental Coordinator for Former MCAS El Toro. Regulatory Agency representatives are here this evening.

The agenda for this meeting is as follows: I'll provide an overview of the Navy's IR program. After the IR overview, Mr. Jim Callian, the Navy RPM, will present a summary of the Proposed Plan for Sites 8 and 12. The Regulatory Agencies concur with this Proposed Plan for excavation and disposal of soil from the impacted units that will be discussed in the Proposed Plan summary.

After the presentation of the Proposed Plan, the Navy will answer clarifying questions on the materials presented; for example, clarification of any of the terms presented in the Proposed Plan summary.

Please hold your questions or comments for the formal comment portion of this meeting. The Navy will not address your comments or questions now, but they will be addressed in a responsive summary and

1 documented in the Record of Decision.
2 Tonight we're focused on Sites 8 and 12.
3 Site 8 is a former Defense ReutilIzation and Marketing
4 Office, and Site 12 is the Sludge Drying Beds.
5 However, it's important to generally describe the
6 Installation Restoration Program so that you may
7 better understand the current phase of Sites 8 and 12
8 in the overall process.
9 For the BRAC Program Management Office West,
10 I am the appointed BRAC Environmental Coordinator for
11 El Toro. I have the responsibility and authority to
12 conduct Installation Restoration Programs. I'm also
13 the Navy's representative on the BRAC Cleanup Team,
14 which is a team composed of the Navy and Regulatory
15 Agencies working collaboratively towards completing
16 the IR Program and satisfying the necessary regulatory
17 requirements.
18 The IR Program for Former El Toro is managed
19 by the BRAC Program Office West with support from the
20 Southwest Division Naval Facilities Engineering
21 Command. The BRAC PMO West reports to Deputy
22 Assistant Secretary of Navy for Installations and
23 Environment.
24 The purpose of the Navy's IR program is to
25 identify, investigate, assess, characterize, and clean

1 up hazardous substances; to reduce the risk of human
2 health and the environment from past waste disposal
3 operations and hazardous material spills. It is also
4 to be consistent with the Comprehensive Environmental
5 Response, Compensation and Liability Act, which is
6 CERCLA. It is sometimes known as the Superfund in the
7 commercial sector. Another purpose of the Navy
8 Installation Restoration Program is to reach the goal
9 of moving all sites to site closure.
10 The CERCLA process and the Installation
11 Restoration Program are summarized in this diagram.
12 The first part of the CERCLA process is a Preliminary
13 Assessment/Site Inspection phase. It's the PA/SI. It
14 is generally a site discovery phase. It involves
15 interviews, records research, and initial media
16 sampling. The second step of the CERCLA process would
17 be the Remedial Investigation/Feasibility Study,
18 RI/FS, which includes detailed investigation and
19 characterization of a site, as well as an analysis of
20 alternatives for cleanup.
21 Following the Feasibility Study, we resolve
22 to a Proposed Plan, and that's where we are now. The
23 Proposed Plan is the presentation of the proposed
24 alternative to the public and public comment period.
25 Following the Proposed Plan, the Navy

1 selects a Record of Decision, and these documents
2 select an alternative. Prior to selecting the
3 alternative, the Navy considers comments from the
4 public. The Record of Decision includes a
5 responsiveness summary, which addresses comments from
6 the public comment period.
7 After the Record of Decision, the Navy will
8 conduct a remedial design, which designs that remedy,
9 and will institute a response action. Following that,
10 the execution of that response action, the site will
11 be closed.
12 Marine Corps Air Station, El Toro,
13 Installation Restoration Program at a glance there are
14 there 24 sites listed in the IR Program. Former
15 El Toro is listed on the National Priorities List, and
16 the EPA is the lead regulatory agency.
17 The BRAC Cleanup Team is composed of the US
18 EPA, the Navy, California Department of Toxic
19 Substances Control and the Santa Ana Regional Water
20 Quality Control Board. A Federal Facilities Agreement
21 exists between the Navy and BCT members. Appendix A
22 of the Federal Facilities Agreement is a schedule of
23 submittal milestones for all MCAS El Toro IR sites,
24 and that's updated annually.
25 The BCT meets at least monthly -- bimonthly,

1 and members of the BCT are present this evening. The
2 FFA and the BCT are two mechanisms which streamline
3 the cleanup process by ensuring timely and thorough
4 coordination among the parties. And Appendix A is a
5 roadmap detailing the schedules and milestones.
6 Current phase for the Installation
7 Restoration Sites 8 and 12 is the Proposed Plan. The
8 Proposed Plan provides for community involvement,
9 summarizes environmental efforts to date, proposes a
10 remedial action, and leads to a Record of Decision.
11 The comment period for Sites 8 and 12 is
12 March 24th through April 26th. My address is clearly
13 shown on the Proposed Plan. It's on the reverse page
14 of the Proposed Plan, and it's on page 15 of the
15 Proposed Plan. After the Record of Decision, the Navy
16 will prepare a remedial design and conduct the
17 remedial action or cleanup work.
18 Mr. Jim Callian will now present a summary
19 of the Proposed Plan for Sites 8 and 12. Please hold
20 your questions or comments for the formal comment
21 period of the meeting. The Navy will not address your
22 comment or questions now, but they will be addressed
23 in a responsiveness summary and documented in the
24 Record of Decision.
25 MR. JIM CALLIAN: Good evening and welcome.

My name is Jim Callian. I am the Navy Remedial Project Manager for the BRAC Program Management Office West for this project.

Tonight I'm presenting a summary of the Navy's Proposed Plan for remediating IR Sites 8 and 12.

Next please. The Navy is proposing excavation and off-site disposal of contaminated soil for selected areas at IR Site 8, the former Defense Reutilization and Marketing Office, also known as the DRMO storage yard; and IR 12, the former Sludge Drying Beds. The selected areas for excavation, as I will explain further in the next few slides, are within Units 3 and 4 at IR Site 8 and within Unit 3 at IR Site 12. Next please.

This is the site location map showing the relative locations of Sites 8 and 12 in relation to the former station boundaries. You can find this map on page 2 of your Proposed Plan. You can see that Sites 8 and 12 are located on the southwestern boundary of the former station at these locations. Sites 8 and 12. Next please.

This slide presents a description of IR Site 8. IR Site 8 was a DRMO storage yard for containerized liquids, scrap, and salvage materials

1 including electrical transformers. Site 8 consists of
2 five units, which I will discuss in a moment. They
3 include: Unit 1, the east storage yard; Unit 2, the
4 west storage yard; Unit 3, the refuse pile area
5 located within the west storage yard; Unit 4, PCB
6 spill area located within the east storage yard; and
7 Unit 5, the old salvage yard. Next please.
8 This is a map of Site 8, which you can find
9 on page 11 of your Proposed Plan. Unit 1 is the east
10 storage yard. Unit 2 is the west storage yard. Unit
11 3 is the former refuse pile area. Unit 4 is the PCB
12 spill area, and Unit 5 is the old salvage yard. The
13 solid pattern on this map identifies the areas
14 proposed for excavation off-site disposal,
15 specifically Units 1, 3 and 4 in Site 8. And these
16 are located here, the solid areas. Next please.
17 This slide presents a description of IR Site
18 12, the former sludge drying beds, which consists of
19 four units including: Unit 1, the former west sludge
20 drying beds; Unit 2, the former east sludge drying
21 beds; Unit 3, the drainage ditch; and Unit 4, the
22 former wastewater treatment plant. Next please.
23 This next slide presents the location of the
24 four units within Site 12. You can also find this map
25 on page 11 of your Proposed Plan. Unit 1 is the west

1 sludge drying beds located on the western portion;
2 Unit 2, the east sludge drying beds; Unit 3, the
3 drainage ditch; and Unit 4, the former wastewater
4 treatment plan.
5 As in the previous figure, the area proposed
6 for soil excavation is noted with a solid pattern;
7 Unit 3, the drainage ditch. Next please.
8 At this time I'd like to run through a
9 summary of previous investigations conducted at IR
10 Sites 8 and 12. The Navy completed a Phase One
11 Remedial Investigation in May 1993 and a Phase Two
12 Remedial Investigation in June 1997. Following those
13 investigations, the Navy completed a Phase Two
14 Feasibility Study in January 1998.
15 And in May 1999, the Navy produced a
16 Proposed Plan for excavation and recycling of
17 excavating the soil and reuse of cover material for
18 other landfills on the station. In June 1999, the
19 Navy presented a draft ROD for Sites 8, 11, and 12
20 which selected excavation with recycling of excavated
21 soil as cover material for on-station landfills.
22 However, the final ROD was not issued and remedial
23 action was not started pending completion of a
24 radiological assessment. Next please.
25 The Navy subsequently completed an

1 Historical Radiological Assessment in May 2000 and
2 reevaluated the risks in a technical memorandum
3 produced in February 2003. The Navy completed a
4 Radiological Release Report for Sites 8, 12 and 25 in
5 November 2004 and completed a Feasibility Study
6 Addendum for Site 8 in February 2006, which evaluated
7 remedial alternatives for radiological constituents at
8 Site 8.
9 Finally, we're presenting this revised
10 Proposal Plan for Sites 8 and 12 to the public
11 tonight. Next please.
12 At this time I'd like to encourage you to go
13 to these locations: the Heritage Park Regional Library
14 or the MCAS El Toro Administrative Record File at the
15 BRAC office to review previous investigation reports
16 or to obtain additional information regarding these
17 sites. These locations are listed on page 15 of your
18 Proposed Plan. Next please.
19 This slide starts with the previous
20 investigation results. As a part of the CERCLA
21 process, the Navy used previous investigation results
22 to evaluate risks and to propose remedial action where
23 necessary to protect human health and the environment.
24 At Site 8 volatile organic compounds, VOCs;
25 semi-volatile organic compounds or SVOCs; polynuclear

1 aromatic hydrocarbons, PAHs; polychlorinated
2 biphenyl's, PCBs; pesticides; petroleum hydrocarbons;
3 and naturally occurring metals were identified in soil
4 most frequently at depths from zero to four feet below
5 ground surface.
6 Radium concentrations in shallow surficial
7 soils at several locations within Units 1 and 4
8 exceeded the naturally occurring background
9 concentration. Radium 226 concentrations in remaining
10 units were consistent with the naturally occurring
11 background concentrations.
12 Soil contamination was localized and did not
13 extend to or pose a threat to groundwater, which
14 occurs at approximately 100 feet below ground surface
15 at this site. Next please.
16 Based on the previous investigation results
17 and on a risk evaluation conducted by the Navy, the
18 following were recommended actions for Site 8. I'd
19 like to note that a summary of the risk evaluation and
20 recommended actions are presented on pages 6 and 7 of
21 the Proposed Plan.
22 For Units 1 and 4, excavation and disposal
23 of radium-contaminated shallow surficial soil was
24 recommended. No further action for PCB and
25 PAH-contaminated soil is recommended at these units

because excavation for the radium-contaminated soil would also remove these contaminants. No further action was recommended for Unit 2, and excavation was recommended for Unit 3 to remove the remaining PCB contamination from the soil. Finally, no further action was recommended for Unit 5. Next please.

Previous investigation results for Unit 12 indicate that VOCs, SVOCs, PAHs, PCBs, pesticides, herbicides, cyanide, petroleum hydrocarbons, and naturally occurring metals were identified in soil most frequently from zero to five feet below ground surface.

Radium concentrations were consistent with the naturally occurring background concentrations. And soil contamination was localized and did not extend or pose a threat to groundwater which also occurs at approximately 100 feet below ground surface at this site.

Based on previous investigation results and on risk evaluation conducted by the Navy for Site 12, no further action was recommended for Units 1, 2 and 4. And for Unit 3, excavation of contaminated soil was recommended to prevent off-site migration of PCB and PAH contamination.

Well, the Navy used these results and

1 recommendations to evaluate cleanup alternatives for
2 Sites 8 and 12 in the Feasibility Study. They
3 included no action, which by law is evaluated to
4 provide the basis from which to develop and evaluate
5 the other remedial alternatives. Alternative two that
6 was evaluated was capping plus institutional controls
7 and access restrictions. Alternative three,
8 excavation and off-site disposal of contaminated soil
9 is the Navy's proposed remedial action. Alternative
10 four was excavation with soil washing and thermal
11 destruction. Alternative five, excavation, soil
12 washing, and off-site disposal was also evaluated.
13 You should note that alternatives four and five are
14 not applicable for radium-contaminated soil. Next
15 please.
16 Each alternative then underwent a detailed
17 evaluation and analysis in the feasibility study using
18 nine criteria developed by the U.S. EPA. The nine
19 criteria are divided into three groups including:
20 threshold criteria, primary balancing criteria, and
21 modifying criteria. Instead of reading these to you
22 tonight, I'd like to refer you to page 12 of your
23 Proposed Plan where they are discussed. Next please.
24 The next three slides present a summary of
25 the comparative analysis of the remedial alternatives

1 with respect to these nine EPA criteria. This
2 evaluation is presented on page 13 of your Proposed
3 Plan.
4 According to this evaluation, alternative
5 three, excavation and off-site disposal of soil would
6 be protective of human health and the environment. It
7 would comply with ARARs. It would rank high with
8 respect to long-term effectiveness and permanence.
9 Next please.
10 It would rank high with respect to reduction
11 of toxicity, mobility or volume through treatment. It
12 ranks low with respect to short-term effectiveness and
13 ranks moderate with respect to implementability. Next
14 please.
15 Alternative three also ranks moderate with
16 respect to total cost, and it can be accepted by the
17 State of California. Community acceptance will be
18 evaluated following receipt of public comments.
19 Public comments will be addressed in a responsive
20 summary and documented in the ROD. Next please.
21 In summary, proposed alternative three,
22 excavation and off-site disposal of contaminated soil,
23 would provide for removal of radium-contaminated soil
24 from Site 8, removal of PCB and PAH-contaminated soil
25 from Sites 8 and 12, disposal of contaminated soil at

an appropriate off-site facility that meets federal and state regulations and would also provide for unrestricted reuse for Sites 8 and 12 after achieving cleanup goals.

The BRAC team concurs with this Proposed Plan for excavation and disposal of contaminated soil from the impacted units at Sites 8 and 12, and no further action for soil at the remaining units at these sites.

This concludes the Proposed Plan summary portion of this meeting. Thank you.

MR. DARREN NEWTON: Thank you, Jim.

Before we open for formal comments, are there any clarifying questions on the proposed summary that was just presented? For example, are there any terms that were presented that need clarifying?

Please hold all other questions and comments for the formal comment portion of this meeting. You may make your comments tonight during the public comment portion of this meeting. You may make individual oral comments to the court reporter. You may submit comments in writing and submit those comments in the boxes located on the table behind me. You also may use the comment forms provided, and please submit them tonight.

1 You may also send written comments via mail
2 postmarked no later than April 26 to the address up
3 above. You may also fax your comments to myself, Mr.
4 Darren Newton at (949) 726-6586. All written comments
5 must be sent no later than April 26th, 2006.
6 Are there any clarifying questions on the
7 Proposed Plan summary as presented?
8 If there are no clarifying questions, I'll
9 open up the meeting to public comments. Please state
10 you'd like to make a comment, wait for the microphone.
11 State your name, your affiliation, and provide your
12 comment or question.
13 MR. LEON DELANEY: My name is Leon Delaney
14 (phonetic). My question is -- sorry. I'm sorry. I
15 came in a little late. In the '20s and '30s, one of
16 the largest kaolinite -- that's K-A-O-L-I-N-I-T-E --
17 clay mines were here at El Toro. The thing about
18 kaolinite is it's basically worthless soil. It's good
19 for ceramics, pottery. It's incompactable, and it
20 implodes on itself like a house of cards. And one of
21 the biggest mines was right here at El Toro.
22 So my question is it has to be removed down
23 to the bedrock about three or four or five feet. What
24 is the Navy planning on doing about removing this soil
25 before they put any weight on it like buildings,

1 homes, office buildings? That's my question.
2 MR. DARREN NEWTON: Thank you for your
3 comment.
4 Are there any other comments for this
5 Proposed Plan summary?
6 MS. MARCIA RUDOLPH: Marcia Rudolph,
7 M-a-r-c-i-a, R-u-d-o-l-p-h, RAB member. Years ago
8 sort of following the process, there was a site
9 designation of Site 25 which had to do with the washes
10 and the drainage off site. I'm assuming that the --
11 you know, this display over here shows part of that --
12 or what is part of that or was that not part of what
13 was Site 25?
14 Do we get an answer?
15 MR. DARREN NEWTON: We're taking public
16 comments. The Navy will not address your comments or
17 questions now. They will be responded to.
18 MS. MARCIA RUDOLPH: To put it in format,
19 the concern is that there may be some things that have
20 gotten off site that -- off base because of the flow
21 of various liquids over the years off the site. And
22 I'm aware that the Navy does not look into what goes
23 beyond the boundary unless it's a subsurface and
24 vadose zone.
25 I would like to know where the contaminated

soil is going to be taken to. I understand the parameters of the site. I just would like at some point to know exactly where that place is.

Also, there was some concern about the old -- the old drainage from the old sewage treatment plant and where that material went and if there was a potential leakage in the old clay pipe system. I would like to make sure that that issue is covered in comments and will be looking forward to comments from the regulators on this.

MR. DARREN NEWTON: Thank you for your comment.

MR. PETER HERSH: Peter Hersh, member of the El Toro RAB. A question I'd like an answer to is alternatives four and five seem to be a more thorough method of cleanup. I'm wondering why those alternates were not pursued and not considered. The answer is that everything here now contains -- or does contain radium-contaminated soil. I don't understand -- I'm not sure looking at this whether or not all the removal areas do contain contaminated soil. Thank you.

MR. DARREN NEWTON: Thank you for your comment.

We have approximately 15 more minutes for

the public comment period. I would like to suggest we go off the record if there is no further comments. If there is additional comments, we can go back on the record. We'll wait until the comments period is over. We are off the record.

(Pause in the reported proceedings.)

MR. DARREN NEWTON: We'll go back on the record. If there are no more public comments, this concludes the public meeting for Installation Restoration Sites 8 and 12 Proposed Plan for Former Marine Corps Air Station El Toro.

Public comments can be made in writing. They can be mailed to the Navy BRAC office. They can be sent to this address up on the screen as well as on page 15 of the proposed plan as well as individual written comments can be placed in the box behind me. All comments must be submitted no later than April 26th.

Thank you, all. This concludes the public meeting for Installation Restoration Sites 8 and 12 Proposed Plan, and we are off the record.

(The meeting was adjourned at 7:34 p.m.)

---oOo---

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN DIEGO)

I, the undersigned, a Certified Shorthand Reporter of the State of California, certify that I am a Certified Shorthand Reporter of the State of California, License No. 9800; that the forgoing pages are a true and correct transcript of a Public Hearing for the Proposed Plan for Installation Restoration Sites 8 and 12 for Former Marine Corps Air Station El Toro.

I further certify that I am not interested in the outcome of said matter nor connected with or related to any of the parties of said matter.

Dated this 9th day of April, 2006.

Machelle Jaarsma

MACHELLE JAARSMA
CSR License No. 9800

---oOo---

Attachment A

Site-Specific Administrative Record Index for OU-3A Sites 8 and 12

Technical Documents for Sites 8 and 12

Section I

DRAFT ADMINISTRATIVE RECORD FILE INDEX - UPDATE (SORTED BY RECORD DATE/RECORD NUMBER)

TECHNICAL DOCUMENTS FOR OU 3, OU 3A, OU 3B, SITES 8 AND 12

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
M60050 / 000187 NONE LTR NONE 00003	11-01-1993 **09-11-1985** NONE 01.1	MCAS EL TORO J. LEAP NAV PORT HUENEME COMMANDING OFFICER	INITIAL ASSESSMENT STUDY	ADMIN RECORD INFO REPOSITORY	GUID IAS NFA PA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 000999 NONE GUID NONE 00050	10-06-1995 **01-01-1986** NONE 11.1	EPA WASHINGTON D	DRAFT GUIDELINES FOR GROUNDWATER CLASSIFICATION UNDER THE EPA GROUNDWATER PROTECTION STRATEGY	ADMIN RECORD	EE/CA GUID GW TECH/GUID DOC.	OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 000684 NEESA 13-074 MISC NONE 00176	04-05-1995 **05-01-1986** NONE 01.1	NEESA PORT HUENEME E.B. LUECKER NAVFAC - SOUTHWEST DIVISION	INITIAL ASSESSMENT STUDY	ADMIN RECORD	EE/CA GUID IAS NFA	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 085 PALLET 11 - BX-01! IMAGED TORO_002
M60050 / 000793 NONE LTR NONE 00017	07-07-1995 **11-04-1986** NONE 01.2	US EPA -SAN FRANCISCO J. JOHNSON MCAS EL TORO	COMMENTS ON THE INITIAL ASSESSMENT STUDY	ADMIN RECORD	COMMENTS DISPOSAL DRUMS EOD GUID GW IAS LF METALS NCP NFA ORDNANCE PCB SLUDGE SOIL SOLVENTS	004 006 007 008 010 012 013 015 BLDG. 320 BLDG. 626 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 080 PALLET 11 - BX-00' IMAGED TORO_002

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M60050 / 001051 NONE LTR NONE 00017	12-11-1995 **05-13-1987** NONE 01.6	SCAQMD EL MONTE A. WILSON MCAS EL TORO B. VAN CLEEF	DEFINITION OF "FACILITY" FOR RULE 1107 FOR DISTRICT PURPOSES	ADMIN RECORD	TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 000788 NONE PLAN N62474-85-C-5592 00250	07-07-1995 **08-01-1988** NONE 01.2	JAMES M. MONTGOMERY, INC. J. GOODELL MCAS EL TORO	SITE INSPECTION PLAN OF ACTION IRP MCAS TUSTIN AND EL TORO	ADMIN RECORD	EE/CA GUID NFA SI	001 002 003 004 005 006 007 008 009 010 011 013 014 016 017 019 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET IMAGED

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M60050 / 000009 NONE RPT N68711-89-D-9296 00052	10-29-1993 **01-01-1990** 00018 03.3	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	IMPLEMENTATION PLAN - WORK PLAN FOR A REMEDIAL INVESTIGATION /FEASIBILITY STUDY	ADMIN RECORD	FS GUID NFA RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 087 PALLET 11 - BX-00 IMAGED TORO_001
M60050 / 000787 NONE LTR NONE 00009	07-07-1995 **01-11-1990** NONE 01.2	ORANGE COUNTY WATER DISTRICT R.L. HERNDON MCAS EL TORO M.W. REHOR	COMMENTS ON OFF-STATION DRAFT REMEDIAL INVESTIGATION WORK PLAN (NOVEMBER 1989)	ADMIN RECORD	COMMENTS NFA RI WORK PLAN	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 080 PALLET 11 - BX-00 IMAGED TORO_002

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M60050 / 000011 NONE RPT N68711-89-D-9296 00052	10-29-1993 **02-01-1990** 00018 03.3	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	REVISED IMPLEMENTATION PLAN - WORK PLAN FOR A REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	FS GUID RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 087 PALLET 11 - BX-00 IMAGED TORO_001
M60050 / 000013 NONE RPT N68711-85-C-5592 00149	10-29-1993 **03-01-1990** NONE 03.3	JAMES M. MONTGOMERY, INC. NAVFAC - SOUTHWEST DIVISION	FINAL WORK PLAN OFF-SITE REMEDIAL INVESTIGATION	ADMIN RECORD	DCE GUID NFA PCE RI TCE	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 087 PALLET 11 - BX-00 IMAGED TORO_001
M60050 / 000791 NONE LTR N62474-85-C-5592 00001	07-07-1995 **03-31-1990** NONE 01.2	JAMES M. MONTGOMERY, INC. NAVFAC - SOUTHWEST DIVISION	JAMES M. MONTGOMERY, INC. RESPONSE TO COMMENTS FROM ORANGE COUNTY WATER DISTRICT	ADMIN RECORD	COMMENTS NFA	OU 1 OU 2 OU 3 OU 4	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 080 PALLET 11 - BX-00 IMAGED TORO_002

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M60050 / 000016 NONE RPT N68711-89-D-9296 00072	10-29-1993 **04-09-1990** 00018 03.3	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	DRAFT SUMMARY REPORT - COMPREHENSIVE WORK PLAN FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	FS GUID NFA RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 087 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 000022 NONE RPT N68711-89-D-9296 00091	10-29-1993 **09-10-1990** 00018 03.5	JACOBS ENGINEERING GROUP NAVFAC - SOUTHWEST DIVISION	DRAFT SITE HEALTH AND SAFETY PLAN - CTO #0018 COMPREHENSIVE WORK PLAN FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	FS GUID H&SP RI WORK PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 087 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 000023 NONE RPT N68711-89-D-9296 00423	10-29-1993 **09-10-1990** 00018 03.1	JACOBS ENGINEERING GROUP NAVFAC - SOUTHWEST DIVISION	DRAFT SITE SAMPLING AND ANALYSIS PLAN - CTO #0018 COMPREHENSIVE WORK PLAN FOR REMEDIAL INVESTIGATION/ FEASIBILITY STUDY	ADMIN RECORD	AAL FS GUID NFA RI SAP TCE VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 087 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 000024 NONE PLAN N68711-89-D-9296 00106	10-29-1993 **09-10-1990** 00018 03.3	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	DRAFT REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORK PLAN	ADMIN RECORD	FS GW NFA PCB RI SOIL VOC WORK PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 087 PALLET 11 - BX-00 IMAGED TORO_006

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M60050 / 002203 CLE-C01-01F018-I3-0002 MISC N68711-89-D-9296 00017	05-31-2001 **09-26-1990** 00018	JACOBS ENGINEERING GROUP NAVFAC - SOUTHWEST DIVISION	AGENDA OF THE TECHNICAL REVIEW COMMITTEE PRESENTATION FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	ARAR DMP DQO FS GW METALS MW PESTICIDES RAB RI RISK SEDIMENTS SOIL SOIL BORING SVOC TCE TPH TRC VOC WATER WELLS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 000190 NONE RPT NONE 00005	03-03-1994 **11-01-1990** NONE 07.1	NAVFAC - SOUTHWEST DIVISION ENVIRONMENTAL NAVFAC - SOUTHWEST DIVISION FILE	INSTALLATION RESTORATION PROGRAM STATUS REPORT AND SITE HISTORY	ADMIN RECORD	FS GUID IRP NFA RI SI TCE	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 OU 1 OU 2 OU 3 OU 4	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 002489 CLE-C01-01F018-I3-0017 MM N68711-89-D-9296 00003	09-04-2001 **11-27-1990** 00018	JACOBS ENGINEERING GROUP B. HAGH NAVFAC - SOUTHWEST DIVISION	SUMMARY OF MEETING WITH REGULATORY AGENCIES TO DISCUSS SAMPLING STRATEGIES	ADMIN RECORD BASE	BACKGROUND DISPOSAL FS GW LF MTG MINS MW RI SEDIMENTS SOIL SOIL BORING VOC WELLS	003 004 008 009 010 015 018 022 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019
M60050 / 000029 NONE RPT N68711-89-D-9296 00217	10-29-1993 **02-27-1991** 00018 03.4	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SITE SAFETY AND HEALTH PLAN	ADMIN RECORD	SSHP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 000672 NONE PLAN N68711-89-D-9296 00600	04-05-1995 **02-28-1991** 00018 03.3	JACOBS ENGINEERING E. ROGER NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) WORK PLAN	ADMIN RECORD	FS GUID NFA RI WORK PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 085 PALLET 11 - BX-01! IMAGED TORO_002

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M60050 / 000977 CLE-C01-01F018-B5-0003 PLAN N68711-89-D-9296 00859	08-30-1995 **02-28-1991** 00018 03.1	JACOBS ENGINEERING J. DOLEGOWSKI NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SAMPLING AND ANALYSIS PLAN (SEE AR #920 - DRAFT FINAL SAP AMENDMENT)	ADMIN RECORD	NFA SAP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 076 PALLET 11 - BX-01
M60050 / 002103 CLE-C01-01F099-B2-0004 RPT N68711-89-D-9296 00265	03-25-1998 **07-03-1991** 00099 01.2	JACOBS ENGINEERING M. ARENDS MCAS EL TORO	RCRA FACILITY ASSESSMENT DRAFT PRELIMINARY REVIEW/VISUAL SITE INSPECTION REPORT VOLUME I [SEE AR #596 - COMMENTS, #2089 - VOLUME II, #2125 - VOLUME III]	ADMIN RECORD INFO REPOSITORY	ASSESSMENT DISPOSAL IRP LANDFILL RCRA SI	008 BLDG. 295 BLDG. 296 BLDG. 297 BLDG. 673T	SOUTHWEST DIVISION - BLDG. 1 BX-013 IMAGED TORO_015

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M60050 / 000892 NONE MISC NONE 00006	07-19-1995 **11-01-1991** NONE 10.6	SOUTHWEST DIVISI	FACT SHEET "DESCRIBING INVESTIGATION OF POSSIBLE HAZARDOUS WASTE CONTAMINATION"	ADMIN RECORD	HAZ WASTE PUB. PARTICIPATI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 078 PALLET 11 - BX-00! IMAGED TORO_002
M60050 / 000900 NONE XMTL N68711-89-D-9296 00032	07-19-1995 **01-23-1992** 00145 01.5	JACOBS ENGINEERING J. DOLEGOWSKI NAVFAC - SOUTHWEST DIVISION A. PISZKIN	MEETING MINUTES WITH REGULATORY AGENCIES RI/FS PHASE I	ADMIN RECORD	MTG MINS TECH/GUID DOC.	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 078 PALLET 11 - BX-00! IMAGED TORO_003

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M60050 / 000091 CLE-C01-01F099-S4-0001 RPT N68711-89-D-9296 00491	11-01-1993 **03-10-1992** 00099 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	FINAL SAMPLING VISIT WORK PLAN	ADMIN RECORD INFO REPOSITORY	EE/CA GUID NFA RCRA RFA SAP UST WORK PLAN	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1 PROB-FILE BX-003 IMAGED TORO_006
M60050 / 001622 LTR NONE 00007	09-04-1996 **04-09-1992** NONE 01.6	MCAS EL TORO W. LEE EPA SAN FRANCISCO N. ZOUESHTIAGH	EXPLOSIVE ORDNANCE DISPOSAL RANGE TO BE PART OF CERCLA REMEDIAL INVESTIGATION FOR OU 3 (REF# H-3-3 ID#CA6170023208 LETTER DTD JULY 3, 1991)	ADMIN RECORD	CERCLA DISPOSAL EOD ORDNANCE RI	001 004 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 069 PALLET 12 - BX-04: IMAGED TORO_005

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M60050 / 001019 NONE LTR N68711-89-D-9296 00010	12-08-1995 **05-14-1992** 00145 01.6	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	MEETING MINUTES WITH REGULATORY AGENCIES ON THE RI/FS PHASE I	ADMIN RECORD	MTG MINS TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 000920 CLE-C01-01F145-B5-0001 PLAN N68711-89-D-9296 00550	07-20-1995 **08-26-1992** 00145 03.1	JACOBS ENGINEERING J. DOLEGOWSKI NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL SAMPLING AND ANALYSIS PLAN AMENDMENT VOLUME I AND II OF II	ADMIN RECORD	EE/CA SAP TECH/GUID DOC.	001 002 003 005 006 007 008 010 011 012 013 015 016 017 018 019 020 021 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET IMAGED

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M60050 / 001483 MISC N68711-89-D-9296 00008	05-21-1996 **12-10-1992** 00145 03.0	JACOBS ENGINEERING C. FLAGG NAVFAC - SOUTHWEST DIVISION A. PISZKIN	MINUTES FROM REMEDIAL PROJECT MANAGER'S MEETING TO DISCUSS REMEDIAL INVESTIGATION/FEASIBILITY STUDY AND RCRA FACILITY ASSESSMENT	ADMIN RECORD	FS MTG MINS NFA RCRA RFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 072 PALLET 11 - BX-02 IMAGED TORO_004
M60050 / 000976 NONE MEMO N68711-89-D-9296 00003	08-30-1995 **01-01-1993** 00145 01.1	CH2M HILL M. ARENDS NAVFAC - SOUTHWEST DIVISION	RFA SITES REQUIRING EVALUATION DURING THE DQO PROCESS RI/FS PHASE I	ADMIN RECORD	DQOP TECH/GUID DOC.	003 006 007 008 013 015 016 020 021	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 076 PALLET 11 - BX-01 IMAGED TORO_003

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M60050 / 000913 NONE XMTL N68711-89-D-9296 00046	07-19-1995 **02-10-1993** 00145 11.5	JACOBS ENGINEERING C. ELLIOT NAVFAC - SOUTHWEST DIVISION	RPM MEETING MINUTES RI/FS AND CTO 193 RCRA FACILITIESASSESSMENT	ADMIN RECORD	MTG MINS TECH/GUID DOC.	002 017 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 077 PALLET 11 - BX-01 IMAGED TORO_003
M60050 / 000824 NONE MEMO N68711-89-D-9296 00018	07-07-1995 **02-15-1993** 00145 01.6	JACOBS ENGINEERING J. DOLEGOWSKI NAVFAC - SOUTHWEST DIVISION A. PISZKIN	DRAFT POSITION PAPER ON THE PRELIMINARY RISK ASSESSMENT FOR OU 1, 2, 3 AND THE PROPOSED EL TORO BASELINE HUMAN HEALTH RISK ASSESSMENT FOR OU 1	ADMIN RECORD	NFA RA TECH/GUID DOC.	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 079 PALLET 11 - BX-00 IMAGED TORO_002
M60050 / 000125 NONE CORRESP NONE 00004	11-01-1993 **02-26-1993** NONE 08.1	DTSC G. HOLMES NAVFAC - SOUTHWEST DIVISION A. PISZKIN	DRAFT POSITION PAPER ON THE PRELIMINARY RISK ASSESS. FOR OPERABLE UNITS (OUS)-1, 2 AND 3 AND THE PROPOSED EL TORO BASELINE HUMAN HEALTH RISK ASSESS. FOR OU-1	ADMIN RECORD	NFA OU RISK TECH/GUID DOC.	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 001024 NONE LTR N68711-89-D-9296 00067	12-08-1995 **03-12-1993** 00145 01.6	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	REMEDIAL PROJECT MANAGER MEETING MINUTES WITH REGULATORY AGENCIES ON THE RI/FS	ADMIN RECORD	DQOP MTG MINS TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 020 021 022 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003
M60050 / 000821 NONE MEMO N68711-89-D-9296 00020	07-07-1995 **04-30-1993** 00145 01.6	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	RISK ASSESSMENT MEETING HELD ON 30 APRIL 1993	ADMIN RECORD	NFA RA TECH/GUID DOC.	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 079 PALLET 11 - BX-00: IMAGED TORO_002

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M60050 / 001174 NONE LTR NONE 00020	12-26-1995 **04-30-1993** NONE 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	APRIL 30, 1993 RISK ASSESSMENT MEETING CONDUCTED FOR OU1, OU2 & OU3	ADMIN RECORD	MTG MINS NFA RA TECH/GUID DOC.	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02: IMAGED TORO_009
M60050 / 000083 CLE-C01-01F145-B18-0001 RPT N68711-89-D-9296 00810	11-01-1993 **05-07-1993** 00145 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	PHASE I REMEDIAL INVESTIGATION (RI) DRAFT TECHNICAL MEMORANDUM, VOLUME I - TEXT {SEE AR #84 - VOLUME II, #85 - VOLUME III, #86 - VOLUME IV}	ADMIN RECORD	EE/CA IRP NFA RI TECH MEMO WELLS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006

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M60050 / 000084 CLE-C01-01F145-B18-0001 RPT N68711-89-D-9296 00822	11-01-1993 **05-07-1993** 00145 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	PHASE I REMEDIAL INVESTIGATION (RI) DRAFT TECHNICAL MEMORANDUM, VOLUME II - APPENDICES A AND B {SEE AR #83 - VOLUME I, #85 - VOLUME III, #86 - VOLUME IV}	ADMIN RECORD	EE/CA IRP NFA RI TECH MEMO WELLS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006

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M60050 / 000085 CLE-C01-01F145-B18-0001 RPT N68711-89-D-9296 01028	11-01-1993 **05-07-1993** 00145 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	PHASE I REMEDIAL INVESTIGATION (RI) DRAFT TECHNICAL MEMORANDUM, VOLUME III - APPENDICES C THROUGH E {SEE AR #83 - VOLUME I, #84 - VOLUME II, #86 - VOLUME IV}	ADMIN RECORD	EE/CA IRP MONITORING NFA RI TECH MEMO WELLS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006

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M60050 / 000086 CLE-C01-01F145-B18-0001 RPT N68711-89-D-9296 01352	11-01-1993 **05-07-1993** 00145 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	PHASE I REMEDIAL INVESTIGATION (RI) DRAFT TECHNICAL MEMORANDUM, VOLUME IV - APPENDICES F THROUGH K {SEE AR #83 - VOLUME I, #84 - VOLUME II, #85 - VOLUME III}	ADMIN RECORD	EE/CA IRP NFA RI TECH MEMO WELLS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006

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M60050 / 000713 CLE-C01-01F145-B18-0001 RPT N68711-89-D-9296 00800	04-05-1995 **05-07-1993** 00145 03.4	JACOBS ENGINEERING J. DOLEGOWSKI NAVFAC - SOUTHWEST DIVISION	PHASE I REMEDIAL INVESTIGATION DRAFT TECHNICAL MEMORANDUM VOLUMES I THROUGH IV	ADMIN RECORD	NFA RI TECH MEMO	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 082 PALLET 11 - BX-02 IMAGED

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M60050 / 000132 NONE LTR NONE 00003	11-01-1993 **05-13-1993** NONE 04.1	NAVFAC - SOUTHWEST DIVISION A. PISKIN US EPA J. ZARNOCH	IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) FOR THE REMEDIAL INVESTIGATION AND FEASIBILITY STUDY	ADMIN RECORD	ARAR EE/CA FS GUID NFA RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 026 027 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 001571 LTR NONE 00011	07-11-1996 **06-23-1993** NONE 10.1	DTSC REGION IV J. JIMENEZ MCAS EL TORO J. JOYCE	DTSC COMMENTS ON REVISED FIELD SAMPLING PLAN PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)	ADMIN RECORD	COMMENTS FS FSP RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 068 PALLET 11 - BX-03 IMAGED TORO_005
M60050 / 000087 CLE-C01-01F193-S2-0001 RPT N68711-89-D-9296 00570	11-01-1993 **07-16-1993** 00193 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	FINAL RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) FACILITY ASSESSMENT REPORT VOLUME I - TEXT & APPENDICES A AND B {SEE AR #88 - VOLUME II - APPENDICES C THROUGH G}	ADMIN RECORD INFO REPOSITORY	EE/CA GUID NFA RCRA RFA	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006

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M60050 / 000088 CLE-C01-01F193-S2-0001 RPT N68711-89-D-9296 00314	11-01-1993 **07-16-1993** 00193 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	FINAL RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) FACILITY ASSESSMENT REPORT VOLUME II - APPENDICES C THROUGH G {SEE AR #87 - VOLUME I - TEXT & APPENDICES A AND B}	ADMIN RECORD INFO REPOSITORY	EE/CA GUID RCRA RFA	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006
M60050 / 000089 CLE-C01-01F099-B2-0004 RPT N68711-89-D-9296 00449	11-01-1993 **07-16-1993** 00099 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) FACILITY ASSESSMENT - DRAFT REVIEW/VISUAL SITE INSPECTION REPORT VOLUME I {SEE AR #90 - VOLUME II}	ADMIN RECORD	EE/CA GUID NFA PR RCRA RFA SI VSI	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006
M60050 / 000090 CLE-C01-01F099-B2-0004 RPT N68711-89-D-9296 00393	11-01-1993 **07-16-1993** 00099 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) FACILITY ASSESSMENT - DRAFT REVIEW/VISUAL REPORT VOLUME II - SWMU/AOC #145 THROUGH APPENIDX D {SEE AR #89 - VOLUME I}	ADMIN RECORD INFO REPOSITORY	EE/CA GUID NFA PR RCRA RFA SI VSI	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00: IMAGED TORO_006
M60050 / 000142 NONE LTR NONE 00004	11-01-1993 **07-26-1993** NONE 01.1	NAVFAC - SOUTHWEST DIVISION J. PAWLISCH US EPA J. HAMILL	SCHEDULE EXTENSION REQUEST FOR THE DRAFT PHASE II WORK PLAN	ADMIN RECORD	OU WORK PLAN	OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 000663 NONE RPT N68711-91-D-4658 00216	04-05-1995 **08-02-1993** DO 02 01.1	SAIC NAVFAC - SOUTHWEST DIVISION	FINAL REPORT AERIAL PHOTOGRAPH ASSESSMENT	ADMIN RECORD	GUID NFA	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 085 PALLET 11 - BX-01! IMAGED TORO_002
M60050 / 000116 NONE LTR NONE 00001	11-01-1993 **08-04-1993** NONE 01.6	EPA J. HAMILL NAVFAC - SOUTHWEST DIVISION A. PISZKIN	RESPONSE TO SCHEDULE EXTENSION REQUEST DRAFT PHASE II WORK PLAN FOR OPERABLE UNITS 2 AND 3	ADMIN RECORD	FFA GUID WORK PLAN	OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00· IMAGED TORO_001

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M60050 / 001531 MEMO NONE 00003	07-10-1993 **08-23-1993** NONE 10.1	OFF. OF SCI. AFF J. CHRISTOPHER DTSC REGION IV J. ZARNOCH	STATE OF CALIFORNIA, OFFICE OF SCIENTIFIC AFFAIRS COMMENTS ON POSITION PAPERS RELATED TO DATA QUALITY OBJECTIVES FOR THE PHASE II RI/FS	ADMIN RECORD	COMMENTS DQO NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 094A PALLET 12 - BX-04 IMAGED TORO_005
M60050 / 001164 NONE LTR NONE 00015	12-26-1995 **08-26-1993** NONE 01.1	EPA SAN FRANCISC J. HAMILL NAVFAC - SOUTHWEST DIVISION A. PISZKIN	COMMENTS ON POSITION PAPERS OF AUGUEST 6, 11, & 12, 1993 FOR DRAFT PHASE II WORK PLAN FOR OUS 2 & 3	ADMIN RECORD	COMMENTS NFA TECH/GUID DOC.	OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_009

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M60050 / 001155 NONE LTR NONE 00005	12-26-1995 **08-27-1993** NONE 01.1	DTSC LONG BEACH J. SCANDURA NAVFAC - SOUTHWEST DIVISION A. PISZKIN	CONCURRENCE WITH NAVY'S SCHEDULE EXTENSION REQUEST OF JULY 26, 1993, COMMENTS ON GROUNDWATER SAMPLING PROCEDURES	ADMIN RECORD	COMMENTS GW	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003
M60050 / 001532 MEMO NONE 00008	07-10-1993 **09-17-1993** NONE 10.1	DTSC REGION IV J. ZARNOCH NAVFAC - SOUTHWEST DIVISION	STATE OF CALIFORNIA, DEPARTMENT OF TOXIC SUBSTANCES CONTROL'S COMMENTS ON PRELIMINARY WORKING DRAFT: A12.0DATA QUALITY OBJECTIVES FOR SLUDGE DRYING BEDS SITE 12	ADMIN RECORD	COMMENTS DQO	012	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 094A PALLET 12 - BX-04 IMAGED TORO_005

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M60050 / 000690 NONE PLAN N68711-89-D-9296 00212	04-05-1995 **11-09-1993** 00145 04.2	JACOBS ENGINEERING GROUP M. BITNER NAVFAC - SOUTHWEST DIVISION	PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY DRAFT QUALITY ASSURANCE PROJECT PLAN (QAPP)	ADMIN RECORD	FS QA QAPP RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 085 PALLET 11 - BX-01! IMAGED TORO_006

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M60050 / 000714 NONE PLAN N68711-89-D-9296 01595	04-05-1995 **11-09-1993** 00145 03.3	JACOBS ENGINEERING M. BITNER NAVFAC - SOUTHWEST DIVISION	PHASE II DRAFT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) WORK PLAN VOLUME I, II, III APPENDIX A DATA QUALITY OBJECTIVES	ADMIN RECORD	DQO EE/CA FS GUID NFA RI WORK PLAN	012 013 014 015 016 017 018 019 020 021 022 023 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 082 PALLET 11 - BX-01 IMAGED TORO_008

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M60050 / 000955 NONE PLAN N68711-89-D-9296 00152	08-18-1995 **11-09-1993** 00145 03.5	JACOBS ENGINEERING J. DOLEGOWSKI NAVFAC - SOUTHWEST DIVISION	PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY DRAFT HEALTH AND SAFETY PLAN	ADMIN RECORD	FS H&SP RI	001 002 003 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 076 PALLET 11 - BX-01 IMAGED TORO_007

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M60050 / 001074 NONE PLAN N68711-89-D-9296 00550	12-14-1995 **11-09-1993** 00145 04.2	JACOBS ENGINEERING GROUP M. BITNER NAVFAC - SOUTHWEST DIVISION	PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY DRAFT QUALITY ASSURANCE PROJECT PLAN DRAFT WORK PLAN (VOLUME II) APPENDIX A DATA QUALITY OBJECTIVES SITES 1 THROUGH 11	ADMIN RECORD	DQO DQOP NFA QAPP	001 002 003 004 005 006 007 008 009 010 011 OU 2 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED BOX 01 OF 15 IMAGED

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M60050 / 000890 NONE MISC NONE 00010	07-19-1995 **12-01-1993** NONE 10.6	NAVFAC - SOUTHWEST DIVISION GENERAL PUBLIC	FACT SHEET "UPDATE OF THE ENVIRONMENTAL INVESTIGATIONS AT MCAS EL TORO"	ADMIN RECORD	FACT SHEET PUBNOT	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 078 PALLET 11 - BX-00 IMAGED TORO_002

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M60050 / 001487 LTR NONE 00038	05-21-1996 **12-07-1993** NONE 10.1	USE EPA REGION I J. HAMILL NAVFAC - SOUTHWEST DIVISION A. PISZKIN	US EPA LETTER REQUESTING 30 DAY EXTENSION ON REVIEW PERIOD FOR THE DRAFT PHASE II RI/FS WORK PLAN; US EPA COMMENTS DATED 12/17/93 INCLUDED	ADMIN RECORD	COMMENTS FS RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 072 PALLET 11 - BX-02 IMAGED TORO_004
M60050 / 002111 LTR NONE 00002	03-26-1998 **12-15-1993** NONE 01.6	MCAS EL TORO J. CHESSUM MCAS EL TORO	REQUEST FOR IMMEDIATE ASSISTANCE TO RESOLVE THE PROBLEM ON ONE OF THE IR SITES CONTAMINATED SOIL FROM DRMO YARD NO. 1 (SITE 8)	ADMIN RECORD	IR REQUEST SOIL	008	SOUTHWEST DIVISION - BLDG. 1 BX-013 IMAGED TORO_015

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M60050 / 001534 LTR NONE 00037	07-10-1993 **12-17-1993** NONE 10.1	US EPA REGION IX J. HAMILL NAVFAC - SOUTHWEST DIVISION A. PISZKIN	US ENVIRONMENTAL PROTECTION AGENCY'S COMMENTS ON MCAS EL TORO INSTALLATION RESTORATION PROGRAM PHASE II RI/FS STUDY DRAFT WORK PLAN	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 094A PALLET 12 - BX-04 IMAGED TORO_005

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M60050 / 001308 LTR NONE 00007	03-14-1996 **01-20-1994** 00059 03.6	DTSC REGION IV J. JIMENEZ MCAS EL TORO W. LEE	DTSC'S REVIEW COMMENTS ON THE DRAFT DATA MANAGEMENT PLAN PORTION OF THE PHASE II REMEDIAL INVESTIGATION WORK PLAN	ADMIN RECORD	COMMENTS DMP FS GUID RI WORK PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 000827 NONE XMTL N68711-89-D-9296 00010	07-10-1995 **02-03-1994** 00145 11.5	JACOBS ENGINEERING R. GREEN NAVFAC - SOUTHWEST DIVISION	REMEDIAL PROJECT MANAGERS MEETING RI/FS	ADMIN RECORD	MTG MINS TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 079 PALLET 11 - BX-00 IMAGED TORO_002

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M60050 / 001535 MM NONE 00008	07-10-1993 **02-03-1994** NONE 03.0	DTSC REGION IV VARIOUS AGENCIES	MEETING MINUTES FROM REMEDIAL PROJECT MANAGERS' MEETING HELD TO DISCUSS: POTENTIAL REMOVAL ACTIONS ANDFIELD SCREENING AT RI/FS SITES; AND NON RI/FS SITES	ADMIN RECORD	FS MTG MINS RA RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 094A PALLET 12 - BX-04 IMAGED TORO_005

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M60050 / 001029 NONE LTR NONE 00006	12-08-1995 **02-08-1994** NONE 01.6	DTSC LONG BEACH NAVFAC - SOUTHWEST DIVISION	RPM MEETING ON THE POTENTIAL REMOVALS AT RI/FS SITES	ADMIN RECORD	MTG MINS REMOVAL	003 004 005 007 008 011 013 014 017 019 020 022 025 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003
M60050 / 001030 NONE LTR NONE 00004	12-08-1995 **02-08-1994** NONE 01.6	DTSC LONG BEACH NAVFAC - SOUTHWEST DIVISION	RPM MEETING ON FIELD SCREENING AT RI/FS STRATA - POTENTIAL CHANGES TO STRATEGIES PROPOSED IN THE DRAFT PHASE II RI WORK PLAN	ADMIN RECORD	MTG MINS TECH/GUID DOC.	002 003 004 006 007 008 009 010 012 013 019 020 022 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001031 NONE MM N68711-89-D-9296 00024	12-08-1995 **03-21-1994** 00145 01.6	JACOBS ENGINEERING J. DOLEGOWSKI NAVFAC - SOUTHWEST DIVISION R. GREEN	REMEDIAL PROJECT MANAGERS MEETING RI/FS WITH REGULATORY AGENCIES (CAL-EPA,SRWQCB,DTSC,OCWD)	ADMIN RECORD	MTG MINS TECH/GUID DOC.	001 002 003 004 007 012 016 018 024 OU 1 OU 2 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003
M60050 / 001374 LTR NONE 00048	03-19-1996 **03-24-1994** 00065 02.7	MCAS EL TORO W. LEE US EPA REGION IX J. HAMILL	LETTER TRANSMITTING REPORT OF SAMPLES OF SOIL STOCKPILE FOR SITE 8	ADMIN RECORD		008 019	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02(IMAGED TORO_003

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M60050 / 000708 NONE PLAN N68711-89-D-9296 00159	04-05-1995 **04-22-1994** 00145 08.0	JACOBS ENGINEERING D.R. SMITH NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL HEALTH AND SAFETY PLAN REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) PHASE II (SEE AR #001032)	ADMIN RECORD	FS GUID H&SP RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 082 PALLET 11 - BX-01 IMAGED TORO_009
M60050 / 000906 NONE XMTL N68711-89-D-9296 00002	07-19-1995 **06-08-1994** 00145 11.5	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	RI/FS GROUNDWATER MONITORING MEETING	ADMIN RECORD	MONITORING	001 008 012 013 014 015 016	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 077 PALLET 11 - BX-01 IMAGED TORO_003

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M60050 / 001289 MISC NONE 00036	03-13-1996 **08-19-1994** 00059 03.6	BECHTEL NATIONAL T. LATAS BECHTEL NATIONAL D. COWSER	MEETING MINUTES AND MEETING PRESENTATION MATERIALS FORTHE PROGRESS MEETING OF THE PHASE II RI/FS WORKPLANS	ADMIN RECORD	FS MTG MINS RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001541 MEMO NONE 00036	07-10-1996 **08-19-1994** 00059 03.0	KLEINFELDER T. LATAS BECHTEL NATIONAL D. COWSER	MEETING MINUTES FROM THE PROGRESS MEETING TO DISCUSS OVERALL APPROACH AND SAMPLING STRATEGIES FOR THE RI/FSWORK PLANS FOR OU-2, OU-3, AND VOC SOURCE AREA (24,25)	ADMIN RECORD	FS MTG MINS NFA OU RI TECH/GUID DOC. VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&94 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 001191 NONE DATA N68711-89-D-9296 00440	01-22-1996 **09-30-1994** 00145 01.1	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	GROUNDWATER QUALITY DATA REPORT IRP RI/FS	ADMIN RECORD	DATA GW NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02: IMAGED TORO_010

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M60050 / 001291 MISC NONE 00067	03-13-1996 **10-12-1994** 00059 03.6	BECHTEL NATIONAL T. LATAS BECHTEL NATIONAL D. COWSER	MEETING MINUTES FOR THE 12-13 OCTOBER PROGRESS MEETINGPHASE II RI/FS WORKPLANS DISCUSSED APPROACHES FOR RI/FS ACTIVITIES, FIELD SAMPLING PLAN AND QAPP,	ADMIN RECORD	FS MTG MINS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001277 CTO-0059/0030 MISC N68711-92-D-4670 00016	03-13-1996 **10-24-1994** 00059 03.6	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	MINUTES OF PROGRESS MEETING FOR PHASE II REMEDIAL INVESTIGATION/ FEASIBILITY STUDY WORK PLAN	ADMIN RECORD	FS GUID MTG MINS NFA RI WORK PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001290 MISC NONE 00021	03-13-1996 **10-28-1994** 00059 03.6	BECHTEL NATIONAL T. LATAS BECHTEL NATIONAL D. COWSER	MEETING MINUTES AND MEETING PRESENTATION MATERIALS FORTHE PROGRESS MEETING TO DISCUSS APPROACHES AND SAMPLING ACTIVITIES, MEETING HELD 28 OCTOBER 1994	ADMIN RECORD	FS MTG MINS RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001264 RPT N68711-92-D-4670 00029	02-09-1996 **11-05-1994** 00059 03.3	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	SUBMITTAL OF DRAFT DATA MANAGEMENT PLAN FOR PHASE II RI/FS	ADMIN RECORD	DMP FS RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001265 CTO-0059/0036 RPT N68711-92-D-4670 00003	02-09-1996 **11-15-1994** 00059 03.5	BECHTEL NATIONAL, INC. J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	SUBMITTAL OF DRAFT HEALTH AND SAFETY PLAN FOR PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY (SEE AR #955)	ADMIN RECORD	FS H&SP RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001307 LTR NONE 00007	03-14-1996 **12-20-1994** 00059 03.6	DTSC REGION IV J. JIMENEZ MCAS EL TORO W. LEE	DTSC'S REVIEW COMMENTS ON THE HEALTH AND SAFETY PLAN PORTION OF THE PHASE II REMEDIAL INVESTIGATION WORK PLAN	ADMIN RECORD	COMMENTS FS GUID H&SP NFA RI WORK PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02(IMAGED TORO_003

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M60050 / 001215 NONE RPT N68711-92-D-4670 00062	01-30-1996 **01-01-1995** 00059 02.5	BECHTEL NATIONAL NAVFAC - SOUTHWEST DIVISION	DRAFT ACTION MEMORANDUM NON-TIME CRITICAL REMOVAL ACTION FOR UNIT 2 OF SITE 19 - AIRCRAFT EXPEDITIONARY	ADMIN RECORD	ACTMEMO NFA NON TCRA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02- IMAGED TORO_010

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M60050 / 001306 RPT N68711-92-D-4670 00028	03-14-1996 **01-01-1995** 00059 03.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN	ADMIN RECORD	IDWMP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02(IMAGED TORO_003

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M60050 / 001263 RPT N68711-92-D-4670 00004	02-09-1996 **01-20-1995** 00059 03.3	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	SUBMITTAL OF DRAFT INVESTIGATION DERIVED WASTE MANAGEMENT PLAN FOR PHASE II RI/FS (REF. DOC# 001306)	ADMIN RECORD	FS IDWMP RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001309 LTR NONE 00005	03-14-1996 **01-20-1995** 00059 03.6	DTSC REGION IV J. JIMENEZ MCAS EL TORO W. LEE	DTSC'S DRAFT HEALTH AND SAFETY COMMENTS FOR THE PHASE II RI/FS	ADMIN RECORD	COMMENTS H&SP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02(IMAGED TORO_003

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M60050 / 001189 NONE RPT N68711-92-D-4670 00087	01-22-1996 **03-01-1995** 00059 03.5	BECHTEL NATIONAL T.W. LATAS NAVFAC - SOUTHWEST DIVISION	FINAL HEATH AND SAFETY PLAN SUPPLEMENT PHASE II RI/FS	ADMIN RECORD INFO REPOSITORY	H&SP TECH/GUID DOC.	002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02: IMAGED TORO_009

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M60050 / 001190 NONE PLAN N68711-92-D-4670 00682	01-22-1996 **03-01-1995** 00059 03.3	BECHTEL NATIONAL T.W. LATAS NAVFAC - SOUTHWEST DIVISION	REVISED DRAFT WORK PLAN PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02: IMAGED TORO_009

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M60050 / 001234 NONE RPT N68711-92-D-4670 01007	01-31-1996 **03-01-1995** 00059 03.2	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001261 CTO-0059/0062 RPT N68711-92-D-4670 00003	02-09-1996 **03-01-1995** 00059 02.7	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	SUBMITTAL OF DRAFT QUALITY ASSURANCE PROJECT PLAN FOR THE PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY (SEE AR #835 & #715 - QAPP)	ADMIN RECORD	FS NFA QAPP RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 000917 NONE PLAN N68711-89-D-9296 00485	07-20-1995 **03-03-1995** 00284 01.1	JACOBS ENGINEERING B. ARTHUR NAVFAC - SOUTHWEST DIVISION J. JOYCE	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP PLAN	ADMIN RECORD	BCP BRAC EE/CA GUID NFA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 077 PALLET 11 - BX-01(IMAGED TORO_007

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M60050 / 001173 NONE LTR NONE 00006	12-26-1995 **03-08-1995** NONE 01.1	BECHTEL NATIONAL D.K. COWSER NAVFAC - SOUTHWEST DIVISION A. PISZKIN	FEBRUARY 21, 1995 MEETING MINUTES ON THE REVIEW OF THE DRAFT HEALTH AND ECOLOGICAL RISK ASSESSMENT WORK PLAN	ADMIN RECORD	MTG MINS NFA TECH/GUID DOC.	OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02: IMAGED TORO_009
M60050 / 000653 NONE PLAN N68711-92-D-4670 01087	03-27-1995 **03-17-1995** 00059 03.3	BECHTEL NATIONAL T.W. LATAS NAVFAC - SOUTHWEST DIVISION	REVISED DRAFT WORK PLAN PHASE II RI/FS	ADMIN RECORD INFO REPOSITORY	FS NFA RI TECH/GUID DOC.	OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 086 PALLET 11 - BX-01· IMAGED TORO_002

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M60050 / 001280 LTR NONE 00008	03-13-1996 **03-27-1995** 00059 02.4	DTSC REGION IV J. JIMENEZ MCAS EL TORO J. JOYCE	RWQCB REVIEW COMMENTS ON THE DRAFT INVESTIGATION DERIVED WASTE MANAGEMENT PLAN (IDWMP)	ADMIN RECORD	COMMENTS IDWMP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_003

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M60050 / 001281 CTO-0059/0084 MISC N68711-92-D-4670 00005	03-13-1996 **03-27-1995** 00059 03.6	BECHTEL NATIONAL, INC. T. LATAS CRWQCB L. VITALE	COMPILED RESPONSE TO COMMENTS ON THE DRAFT HEALTH AND SAFETY PLAN SUPPLEMENT PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	COMMENTS FS H&SP RESPONSE RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001257 LTR N68711-92-D-4670 00006	02-09-1996 **03-31-1995** 00059 02.1	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	DRAFT FIELD SAMPLING PLAN FOR THE PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001258 RPT N68711-92-D-4670 00012	02-09-1996 **03-31-1995** 00059 03.5	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL HEALTH AND SAFETY SUPPLEMENT PHASE II RI/FS AND RESPONSE TO COMMENTS ON HEALTH AND SAFETY SUPPLEMENT	ADMIN RECORD INFO REPOSITORY	COMMENTS H&SP NFA TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001282 MISC NONE 00155	03-13-1996 **03-31-1995** 00059 03.6	BECHTEL NATIONAL T. LATAS VARIOUS AGENCIES	RESPONSE TO REGULATORY AGENCY (DTSC, RWQCB, USEPA) COMMENTS ON REVISED DRAFT WORK PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_003

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M60050 / 001219 NONE RPT N68711-92-D-4670 00176	01-30-1996 **04-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT ENGINEERING EVALUATION/COST ANALYSIS SITE 4	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001222 NONE RPT N68711-92-D-4670 00178	01-31-1996 **04-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT ENGINEERING EVALUATION/COST ANALYSIS SITE 13	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001555 CTO-0059/0090 MISC N68711-92-D-4670 00051	07-10-1996 **04-05-1995** 00059 10.1	BECHTEL NATIONAL, INC. J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	COMPILED RESPONSE TO REGULATORY AGENCY COMMENTS TO THE DRAFT DATA MANAGEMENT PLAN, PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)	ADMIN RECORD	COMMENTS DMP FS RESPONSE RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 068 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 001217 NONE RPT N68711-92-D-4670 00178	01-30-1996 **05-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT ENGINEERING EVALUATION/COST ANALYSIS UNITS 2 AND 3 OF SITE 20	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001223 NONE RPT N68711-92-D-4670 00176	01-31-1996 **05-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT ENGINEERING EVALUATION/COST ANALYSIS UNIT 1 OF SITE 7	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001225 NONE RPT N68711-92-D-4670 00172	01-31-1996 **05-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT ENGINEERING EVALUATION/COST ANALYSIS UNIT 1 OF SITE 14	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001227 NONE RPT N68711-92-D-4670 00178	01-31-1996 **05-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT ENGINEERING EVALUATION/COST ANALYSIS UNIT 2 OF SITE 19	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001231 NONE RPT N68711-92-D-4670 00176	01-31-1996 **05-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT ENGINEERING EVALUATION/ COST ANALYSIS SITE 11	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001365 CTO-0065/0051 RPT N68711-92-D-4670 00075	03-19-1996 **05-01-1995** 00065 01.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION G. GARELICK	FINAL ADDENDUM TO THE RCRA FACILITY ASSESSMENT WORK PLAN	ADMIN RECORD	DMP H&SP IDWMP QAPP RFA SWMU	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1 TO BE DELETED BOX 01 OF 15 IMAGED

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M60050 / 001367 MISC NONE 00078	03-19-1996 **05-02-1995** 00059 02.7	BECHTEL NATIONAL P. WEIGAND VARIOUS	COPY OF MEETING HANDOUT "RECOMMENDED NO FURTHER ACTIONAND REMOVAL ACTION OU-3 SITES", PHASE II RI/FS	ADMIN RECORD	FS NFA OU RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001256 LTR N68711-92-D-4670 00010	02-09-1996 **05-05-1995** 00059 10.2	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	RESPONSE TO REGULATORY AGENCY COMMENTS TO THE DRAFT DATA MANAGEMENT PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001283 MISC N68711-92-D-4670 00006	03-13-1996 **05-08-1995** 00059 03.6	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	02 MAY 1995 MEETING MINUTES REGARDING VISIT TO OU-3 SITES PROPOSED FOR RECLASSIFICATION TO NO FURTHER ACTION AT THIS TIME OR REMOVAL ACTION	ADMIN RECORD	MTG MINS OU	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001336 LTR N68711-92-D-4670 00006	03-18-1996 **05-08-1995** 00080 10.0	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION G. GARELICK	TRANSMITTAL OF FIVE REVISED PAGES TO BE INSERTED IN THE HANDOUT "RECOMMENDED NO FURTHER ACTION AND REMOVAL ACTION OU-3 SITES"	ADMIN RECORD	OU	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001310 LTR NONE 00002	03-14-1996 **05-11-1995** 00059 06.2	CA DEPT OF FISH & GAME J. TURNER DTSC REGION IV J. JIMENEZ	DEPT OF FISH AND GAME RESPONSE TO DTSC REQUEST FOR INFORMATION ON APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS ARARS	ADMIN RECORD	ARAR TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001259 RPT N68711-92-D-4670 00006	02-09-1996 **05-17-1995** 00059 02.0	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	REVISED DRAFT WORK PLAN FOR THE PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001403 LTR N68711-92-D-4670 00019	03-20-1996 **05-17-1995** 00080 03.6	BECHTEL NATIONAL D. TEDALDI DTSC REGION IV J. JIMENEZ	BECHTEL TECHNICAL REVIEW COMMENTS ON DRAFT WORK PLAN AND FIELD SAMPLING PLAN FOR PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001375 LTR N68711-92-D-4670 00019	03-19-1996 **05-22-1995** 00080 03.3	BECHTEL NATIONAL D. TEDALDI RWQCB REGION IX L. VITALE	BECHTEL'S TECHNICAL REVIEW COMMENTS ON DRAFT WORK PLANAND FIELD SAMPLING PLAN FOR PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001376 LTR N68711-92-D-4670 00019	03-19-1996 **05-22-1995** 00080 03.3	BECHTEL NATIONAL D. TEDALDI US EPA REGION IX B. ARTHUR	BECHTEL'S TECHNICAL REVIEW COMMENTS ON DRAFT WORK PLANAND FIELD SAMPLING PLAN FOR PHASE II RI/FS	ADMIN RECORD	COMMENTS NFA SAP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02(IMAGED TORO_003

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M60050 / 001565 MEMO NONE 00008	07-11-1996 **05-22-1995** NONE 10.1	RWQCB DTSC REGION IV J. JIMENEZ	REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) COMMENTS ON THE PHASE II DRAFT REMEDIAL INVESTIGATION WORK PLAN	ADMIN RECORD	COMMENTS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 068 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 001292 LTR NONE 00014	03-13-1996 **05-23-1995** 00059 03.3	DTSC REGION IV J. JIMENEZ MCAS EL TORO J. JOYCE	DTSC'S REVIEW COMMENTS ON THE REVISED DRAFT WORK PLAN PHASE II RI/FS WORKPLAN	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_003

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M60050 / 000945 NONE LTR NONE 00042	08-07-1995 **05-24-1995** NONE 03.6	EPA SAN FRANCISC B. ARTHUR NAVFAC - SOUTHWEST DIVISION J. JOYCE	COMMENTS ON THE REVISED DRAFT WORK PLAN PHASE II RI/ FS STUDY AND DRAFT FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS NFA TECH/GUID DOC.	002 003 004 005 007 008 009 010 011 012 013 017 022 023 024	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 076 PALLET 11 - BX-01 IMAGED TORO_003

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M60050 / 001293 LTR NONE 00042	03-13-1996 **05-24-1995** 00059 03.3	US EPA REGION IX B. ARTHUR MCAS EL TORO J. JOYCE	US EPA EVIEW COMMENTS ON THE REVISED DRAFT WORK PLAN PHASE II RI/FS WORKPLAN AND DRAFT FIELD SAMPLING PLAN	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001348 LTR N68711-92-D-4670 00010	03-18-1996 **06-09-1995** 00080 03.6	BECHTEL NATIONAL D. TEDALDI NAVFAC - SOUTHWEST DIVISION J. JOYCE	BECHTEL'S TECHNICAL REVIEW COMMENTS ON DRAFT RI/FS EVALUATION OF BACKGROUND CONCENTRATIONS OF INORGANIC CONSTITUENTS IN GROUNDWATER PHASE II RI/FS	ADMIN RECORD	COMMENTS FS RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003
M60050 / 001570 MEMO NONE 00004	07-11-1996 **06-19-1995** NONE 02.4	DTSC J. CHRISTOPHER DTSC REGION IV J. JIMENEZ	DRAFT MEMORANDUM TRANSMITTING COMMENTS ON ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) COMPLETEDFOR OPERABLE UNIT (OU) 3 SITES	ADMIN RECORD	COMMENTS EE/CA	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 068 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 001194 NONE PLAN N68711-92-D-4670 01067	01-22-1996 **07-01-1995** 00059 03.3	BECHTEL NATIONAL T.W. LATAS NAVFAC - SOUTHWEST DIVISION	FINAL WORK PLAN PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 075 PALLET 11 - BX-02: IMAGED TORO_010

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M60050 / 001233 NONE RPT N68711-92-D-4670 01064	01-31-1996 **07-01-1995** 00059 03.3	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	FINAL WORK PLAN PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 075 PALLET 11 - BX-02: IMAGED TORO_010

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M60050 / 001246 NONE RPT N68711-92-D-4670 00012	02-09-1996 **07-19-1995** 00059 10.1	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	RESPONSE TO COMMENTS ON INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN PHASE II RI/FS	ADMIN RECORD	FS IDWMP RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_010

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M60050 / 001248 CTO-0059/0186 LTR N68711-92-D-4670 00006	02-09-1996 **07-19-1995** 00059 10.1	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	RESPONSE TO COMMENTS FINAL HEALTH AND SAFETY PLAN SUPPLEMENT, PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	COMMENTS FS GUID H&SP RESPONSE RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_010

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M60050 / 001249 LTR N68711-92-D-4670 00003	02-09-1996 **07-19-1995** 00059 03.6	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN PHASE II RI/FS	ADMIN RECORD	FS IDWMP RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001573 CTO-0059/0186 MISC N68711-92-D-4670 00007	07-11-1996 **07-19-1995** 00059 10.1	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	RESPONSE TO COMMENTS FROM DTSC ON THE FINAL HEALTH AND SAFETY PLAN SUPPLEMENT, PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	COMMENTS GUID H&SP	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 068 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 001317 MEMO NONE 00008	03-25-1996 **07-24-1995** NONE 02.7	BCT MEMBERS VARIOUS BECHTEL NATIONAL D. COWSER	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES FOR MEETING HELD 20 MARCH 1996 TO DISCUSS SITES 24 AND 25, THE OU-3 FIELD WORK, AND THE LANDFILL SITES	ADMIN RECORD	BCT MTG MINS TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001193 NONE PLAN N68711-92-D-4670 00944	01-22-1996 **08-01-1995** 00059 03.3	BECHTEL NATIONAL T.W. LATAS NAVFAC - SOUTHWEST DIVISION	FINAL FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-013 IMAGED TORO_011

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M60050 / 001244 NONE RPT N68711-92-D-4670 00003	02-09-1996 **08-01-1995** 00059 01.1	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL QUALITY ASSURANCE PROJECT PLAN, PHASE II RI/FS	ADMIN RECORD INFO REPOSITORY	FS NFA QAPP RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_010

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M60050 / 001245 NONE LTR N68711-92-D-4670 00019	02-09-1996 **08-01-1995** 00059 10.1	BECHTEL NATIONAL, INC. J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	COMPILED RESPONSE TO COMMENTS ON THE DRAFT QUALITY ASSURANCE PROJECT PLAN PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY (SEE AR #931 - EPA COMMENTS)	ADMIN RECORD INFO REPOSITORY	COMMENTS FS NFA QAPP RESPONSE RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001373 RPT N68711-92-D-4670 00105	03-19-1996 **08-01-1995** 00059 03.4	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL QUALITY ASSURANCE PROJECT PLAN PHASE II RI/FS	ADMIN RECORD INFO REPOSITORY	NFA QAPP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001465 RPT N68711-92-D-4670 00184	05-21-1996 **08-01-1995** 00059 08.0	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	FINAL RISK ASSESSMENT WORK PLAN (DOCUMENT SIGNED 8/29/95)	ADMIN RECORD INFO REPOSITORY	NFA RISK TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_004

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M60050 / 001243 NONE LTR N68711-92-D-4670 00003	02-08-1996 **08-09-1995** 00059 10.1	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	RESPONSE TO COMMENTS FOR WORK PLAN AND FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001296 LTR N68711-92-D-4670 00001	03-13-1996 **08-09-1995** 00059 02.7	BECHTEL NATIONAL D. COWSER DTSC REGION IV J. JIMENEZ	BNI RESPONSE TO DTSC REVIEW QUESTIONS CONCERNING FINALINVESTIGATION DERIVED WASTE MANAGEMENT PLAN FOR PHASE II RI/FS	ADMIN RECORD	COMMENTS FS IDWMP RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_003

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M60050 / 001372 MISC N68711-92-D-4670 00137	03-19-1996 **08-09-1995** 00059 10.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	RESPONSE TO VARIOUS REGULATORS' COMMENTS FOR WORK PLANAND FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001242 NONE RPT N68711-92-D-4670 00003	02-08-1996 **08-16-1995** 00059 03.2	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD INFO REPOSITORY	FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010
M60050 / 000972 NONE LTR NONE 00013	08-29-1995 **08-21-1995** NONE 04.5	SOUTHWEST DIVISI J.R. PAWLISCH EPA SAN FRANCISC J. ANDERSON	APPROACH TO INVESTIGATION & REMEDIATION OF REGIONAL VOC GROUNDWATER CONTAMINATION IN OU 1 IAFS	ADMIN RECORD	VOC	OU 1 OU 2 OU 3 OU 4	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 076 PALLET 11 - BX-01 IMAGED TORO_003

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M60050 / 001297 LTR NONE 00002	03-13-1996 **08-25-1995** 00059 02.7	US EPA REGION IX B. ARTHUR MCAS EL TORO J. JOYCE	EPA LETTER STATING CONCERN OVER PLANS TO CONDUCT CPT SOIL GAS TESTING AND HYDROPUNCH SAMPLING BEFORE APPROVAL OF PHASE II RI/FS, QAPP AND FSP	ADMIN RECORD	FS NFA QAPP RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003
M60050 / 001390 LTR NONE 00002	03-20-1996 **08-28-1995** NONE 02.7	US EPA REGION IX B. ARTHUR BECHTEL NATIONAL S. ALLIONE	US EPA COMMENTS ON EE/CA'S FOR OU3 SITES 4, 7, 11, 13, 14, 19, AND 20	ADMIN RECORD	COMMENTS EE/CA	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001216 NONE RPT N68711-92-D-4670 00182	01-30-1996 **09-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS UNIT 1 OF SITE 7	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001218 NONE RPT N68711-92-D-4670 00178	01-30-1996 **09-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS UNIT 1 OF SITE 14	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001220 NONE RPT N68711-92-D-4670 00182	01-30-1996 **09-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS SITE 13	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001221 NONE RPT N68711-92-D-4670 00180	01-31-1996 **09-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS SITE 4	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001224 NONE RPT N68711-92-D-4670 00188	01-31-1996 **09-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS UNITS 2 AND 3 OF SITE 20	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001226 NONE RPT N68711-92-D-4670 00171	01-31-1996 **09-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENGINEERING EVALUATION/COST ANALYSIS UNIT 2 OF SITE 19	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001230 NONE RPT N68711-92-D-4670 00166	01-31-1996 **09-01-1995** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENGINEERING EVALUATION/ COST ANALYSIS SITE 11	ADMIN RECORD	EE/CA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010
M60050 / 001053 NONE LTR NONE 00003	12-11-1995 **09-05-1995** NONE 01.6	EPA SAN FRANCISC B. ARTHUR MCAS EL TORO J. JOYCE	COMMENTS ON THE FINAL QUALITY ASSURANCE PROJECT PLAN	ADMIN RECORD	COMMENTS QAPP TECH/GUID DOC.	OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001239 NONE LTR N68711-92-D-4670 00003	02-08-1996 **09-06-1995** 00059 10.1	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	RESPONSE TO COMMENTS DOCUMENT, PREPARED IN CONJUNCTIONWITH THE FINAL RISK ASSESSMENT WORK PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI RISK TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001240 NONE LTR N68711-92-D-4670 00003	02-08-1996 **09-06-1995** 00059 08.2	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL RISK ASSESSMENT WORK PLAN PHASE II RI/FS	ADMIN RECORD	FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_010

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M60050 / 001353 MISC N68711-92-D-4670 00002	03-18-1996 **09-06-1995** 00080 03.6	BECHTEL NATIONAL D. TEDALDI NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL TECHNICAL NOTES/COMMENTS ON DRAFT RI/FS EVALUATION OF BACKGROUND CONCENTRATIONS OF INORGANIC CONSTITUENTS IN GROUNDWATER CLEAN I PHASE I RI/FS	ADMIN RECORD	COMMENTS FS GW RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001370 RPT N68711-92-D-4670 00185	03-19-1996 **09-06-1995** 00059 08.0	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	FINAL RISK ASSESSMENT WORK PLAN PHASE II RI/FS	ADMIN RECORD INFO REPOSITORY	FS NFA RI RISK TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02(IMAGED TORO_003

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M60050 / 001371 MISC N68711-92-D-4670 00025	03-19-1996 **09-06-1995** 00059 10.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION J. ASHMAN	RESPONSES TO VARIOUS AGENCIES COMMENTS ON THE FINAL RISK ASSESSMENT WORKPLAN FOR PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI RISK TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001337 CTO-0076/0028 MM N68711-92-D-4670 00020	03-18-1996 **09-11-1995** 00076 03.6	BECHTEL NATIONAL, INC. M. DALYRYMPLE NAVFAC - SOUTHWEST DIVISION J. ASHMAN	11 SEPTEMBER 1995 MEETING MINUTES REGARDING THE INFORMAL CONSULTATION FOR THE PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY FIELD ACTIVITIES IN THE CONSERVATION AREA	ADMIN RECORD	FS GUID MTG MINS RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003
M60050 / 001056 NONE LTR NONE 00002	12-11-1995 **09-12-1995** NONE 02.7	CITY OF IRVINE P. HERSH NAVFAC - SOUTHWEST DIVISION J. JOYCE	CONCERNS WITH COMMENTS DISCUSSED AT THE RAB MEETING ON AUGUST 31, 1995 REGARDING THE EE/CA FOR SITES 4,7, 11,13,14,19, & 20	ADMIN RECORD	COMMENTS RAB	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001300 MISC NONE 00002	03-14-1996 **09-15-1995** NONE 03.6	US EPA REGION IX BECHTEL NATIONAL D. COWSER	US EPA COMMENTS ON THE MCAS EL TORO FINAL WORK PLAN AND FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003
M60050 / 001059 NONE LTR NONE 00002	12-11-1995 **09-19-1995** NONE 03.3	EPA SAN FRANCISC B. ARTHUR NAVFAC - SOUTHWEST DIVISION J. JOYCE.	COMMENTS ON THE FINAL PHASE II RI/FS WORKPLAN AND FIELD SAMPLING PLAN IN EITHER REVISED PAGES OR BY ADDENDUM	ADMIN RECORD	COMMENTS NFA RI TECH/GUID DOC.	003 007 012 024 OU 2 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01 IMAGED TORO_003

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M60050 / 001356 LTR N68711-92-D-4670 00016	03-18-1996 **09-20-1995** 00080 08.3	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	SUBMITTAL OF BECHTEL'S FINAL NOTES REGARDING RESPONSE TO COMMENTS DOCUMENT PREPARED IN CONJUNCTION WITH THE FINAL RISK ASSESSMENT WORK PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS RI RISK TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001232 NONE LTR N68711-92-D-4670 00061	01-31-1996 **10-04-1995** 00059 10.1	BECHTEL NATIONAL J. KLEUSENER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	RESPONSE TO COMMENTS ON TECHNICAL REVIEW OF EE/CA FOR VARIOUS SITES PHASE II RI/FS	ADMIN RECORD	COMMENTS EE/CA FS RI	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001377 MISC N68711-92-D-4670 00006	03-19-1996 **10-18-1995** 00080 10.1	BECHTEL NATIONAL D. TEDALDI NAVFAC - SOUTHWEST DIVISION P. KENNEDY	SUBMITTAL OF BECHTEL'S REVIEW COMMENTS ON DRAFT QAPP, SAP, AND DATA MANAGEMENT PLAN FOR GROUNDWATER MONITORING	ADMIN RECORD	DMP GW IDWMP QAPP SAP TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02(IMAGED TORO_003

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M60050 / 001363 CTO-0076/0054 LTR N68711-92-D-4670 00001	03-18-1996 **10-23-1995** 00076 03.6	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	LETTER INITIATING ECOLOGICAL RISK ASSESSMENT AS PART OF THE PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	ERA FS GUID RI RISK	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001237 NONE LTR N68711-92-D-4670 00004	02-08-1996 **11-06-1995** 00059 10.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	RESPONSE TO COMMENTS FOR FINAL QUALITY ASSURANCE PROJECT PLAN PHASE II RI/FS	ADMIN RECORD	COMMENTS FS NFA QAPP RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010
M60050 / 001197 NONE LTR NONE 00002	01-23-1996 **11-13-1995** 00145 01.6	EPA SAN FRANCISC B. ARTHUR MCAS EL TORO J. JOYCE	COMMENTS ON DRAFT FINAL EE/CA REPORTS FOR SITES 4,7, 11, 13, 14, 19, AND 20	ADMIN RECORD	COMMENTS EE/CA	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001391 MISC NONE 00003	03-20-1996 **11-17-1995** NONE 10.6	MCAS EL TORO B. BARTELT BECHTEL NATIONAL A. SCHWARTZ	FAX OF PRESS RELEASE ANNOUNCING EXTENSION OF PUBLIC COMMENT PERIOD ON THE SEVEN SITES EE/CA	ADMIN RECORD	EE/CA PRESS REL PUB. PARTICIPATI PUBNOT	004 007 011 013 014 015 016 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001228 CTO-0063/0181 LTR N68711-92-D-4670 00021	01-31-1996 **11-21-1995** 00063 10.1	BECHTEL NATIONAL, INC. H. MASRI NAVFAC - SOUTHWEST DIVISION P. KENNEDY	RESPONSE TO COMMENTS FOR MCAS TUSTIN AND MCAS EL TORO DRAFT REVISED COMMUNITY RELATIONS PLAN	ADMIN RECORD	COMMENTS CRP RESPONSE	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001236 NONE LTR N68711-92-D-4670 00004	02-08-1996 **11-27-1995** 00059 10.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	RESPONSE TO COMMENTS FOR DRAFT FINAL WORKPLAN AND FIELD SAMPLING PLAN PHASE II RI/FS	ADMIN RECORD	NFA RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_010
M60050 / 001201 NONE LTR NONE 00003	01-23-1996 **11-29-1995** NONE 05.4	MCAS EL TORO J. JOYCE CITY OF IRVINE P. HERSH	LETTER RESPONDING TO THE CITY OF IRVINE'S COMMENTS REGARDING INDUSTRIAL CLEANUP STANDARDS FOR REMOVAL ACTIONS ON SITES 4,7,11,13,14,19,20	ADMIN RECORD	COMMENTS EE/CA	004 007 011 013 014 019 020 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001381 MISC N68711-92-D-4670 00044	03-19-1996 **01-01-1996** NONE 06.3	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	REQUEST FOR PETROLEUM EXCLUSION FOR SELECTED OPERABLE UNIT 3 SITES - DRAFT FOR DISCUSSION PURPOSES ONLY	ADMIN RECORD	OU PETROLEUM	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001235 NONE MISC N68711-92-D-4670 00006	02-08-1996 **01-03-1996** NONE 02.5	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	REVISED TABLES 1 AND 2 OF DRAFT ACTION MEMORANDUM NON-TIME CRITICAL REMOVAL ACTION FOR UNIT 2 OF SITE 19	ADMIN RECORD	ACTMEMO REMOVAL TCRA	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02: IMAGED TORO_010

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M60050 / 001466 CTO-00103/0045 PLAN N68711-92-D-4670 00402	05-21-1996 **01-22-1996** 00103 03.3	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION	DRAFT 1996 BASE REALIGNMENT AND CLOSURE CLEANUP PLAN	ADMIN RECORD	BCP BCT BRAC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 072 PALLET 11 - BX-02! IMAGED TORO_004

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M60050 / 001378 CTO-0079/0080 MISC N68711-92-D-4670 00004	03-19-1996 **01-29-1996** 00079 03.6	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES FROM 24 JANUARY 1996 WEEKLY BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) BRIEFING FOR PHASE II RI/FS	ADMIN RECORD	BCP FS MTG MINS RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001276 MM N68711-92-D-4670 00028	03-12-1996 **02-06-1996** NONE 11.3	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MINUTES OF 30 JANUARY 1996 WEEKLY BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING FOR PHASE II REMEDIAL INVESTIGATIONFEASIBILITY STUDY (RI/FS)	ADMIN RECORD	BCP BCT BRAC GUID MTG MINS NFA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001397 MISC N68711-92-D-4670 00019	03-20-1996 **02-06-1996** 00079 05.4	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINTUES FOR THE 30 JANUARY 1996 WEEKLY BASE CLEANUP TEAM BRIEFING HELD TO DISCUSS OU3, THE BCP, OU2A, AND THE LANDFILL SITES AND MEETING MATERIALS	ADMIN RECORD	BCP MTG MINS TECH/GUID DOC.	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 024 025 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001399 CTO-0079/0090 MISC N68711-92-D-4670 00004	03-20-1996 **02-14-1996** 00079 05.4	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINTUES 07 FEBRUARY 1996 WEEKLY BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) BRIEFING HELD TO DISCUSS OU 3, THE BCP, LANDFILL SITES, OU 2A, OU 2B	ADMIN RECORD	BCP MTG MINS NFA TECH/GUID DOC.	001 002 004 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001398 MISC N68711-92-D-4670 00003	03-20-1996 **02-20-1996** 00079 05.4	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES 14 FEBRUARY 1996 WEEKLY BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) BRIEFING HELD TO DISCUSS OU 2A, OU 2B, THE RCRA FACILITY ASSESSMENT, AND THE BCP	ADMIN RECORD	BCP MTG MINS RFA TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001395 LTR NONE 00010	03-20-1996 **02-23-1996** 00065 10.1	DTSC REGION IV T. MAHMOUD MCAS EL TORO J. JOYCE	DTSC COMMENTS ON THE DRAFT FINAL ADDENDUM TO THE RCRA FACILITY ASSESSMENT	ADMIN RECORD	COMMENTS RFA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02' IMAGED TORO_004

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M60050 / 001273 MISC N68711-92-D-4670 00005	03-07-1996 **02-26-1996** 00103 06.0	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES - 20 FEBRUARY 1996 BRAC CLEANUP PLAN MEETING HELD TO DISCUSS COMMENTS ON THE BCP AND DISTRIBUTION OF THE BCP	ADMIN RECORD	BCP MTG MINS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 091 PALLET 11 - BX-02! IMAGED TORO_003

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M60050 / 001400 CTO-0079/0102 MISC N68711-92-D-4670 00020	03-20-1996 **02-29-1996** 00079 05.4	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINTUES 21 FEBRUARY 1996 WEEKLY BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) BRIEFING HELD TO DISCUSS OU 2A, OU 2B, AND OU 3 FIELDWORK, INCLUDES MEETING MATERIALS	ADMIN RECORD	BCP BCT MTG MINS NFA TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001401 CTO-0103/0058 MISC N68711-92-D-4670 00504	03-20-1996 **03-01-1996** 00103 05.4	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE PLAN (BCP) DATED MARCH 1, 1996 (SIGNED 2/20/96)	ADMIN RECORD INFO REPOSITORY	BCP BRAC GUID NFA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001396 MISC N68711-92-D-4670 00004	03-20-1996 **03-05-1996** 00079 05.4	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES FOR THE 28 FEBRUARUY 1996 BASE CLEANUPTEAM MEETING HELD TO DISCUSS OU3, THE BCP, OU2A, AND THE LANDFILL SITES	ADMIN RECORD	BCP MTG MINS NFA TECH/GUID DOC.	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 024 025 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004
M60050 / 001382 MISC N68711-92-D-4670 00019	03-20-1996 **03-12-1996** 00079 05.4	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES FOR 6 MARCH 1996 BASE CLEANUP TEAM MEETING HELD TO DISCUSS SITES 24,25, LANDFILL SITES, AND OU3 FIELD WORK; MEETING MATERIALS	ADMIN RECORD	CLEANUP MTG MINS NFA TECH/GUID DOC.	024 025 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001617 LTR NONE 00006	09-04-1996 **03-12-1996** 00080 10.1	DTSC LONG BEACH T. MAHMOUD MCAS EL TORO J. JOYCE	COMMENTS AND RECOMMENDATIONS ON THE FINAL RESULTS OF EMPLOYEE INTERVIEW, AUGUST 17, 1996 FOR THE NO FURTHER ACTION DETERMINATIONS W/ENCL	ADMIN RECORD	COMMENTS NFA	006 007 008 009 010 012 014 017 019 023 024	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&71 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 001393 RPT N68711-92-D-4670 00095	03-20-1996 **03-14-1996** 00073 03.4	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	DRAFT GROUNDWATER EXTRACTION AND INJECTION WELL AQUIFER TESTS FOR FINAL PHASE II RI/FS WORK PLAN	ADMIN RECORD	FS GW MW RI WELLS WORK PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001419 LTR N68711-92-D-4670 00022	04-03-1996 **03-28-1996** 0063B 10.0	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	LETTER TRANSMITTING COPY OF MATERIALS FOR "CURRENT STATUS MCAS EL TORO ENVIRONMENTAL INVESTIGATION INSTALLATION RESTORATION PROGRAM" PRESENTATION	ADMIN RECORD	IRP	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001331 CTO-0079/0126 MM N68711-92-D-4670 00007	03-18-1996 **04-01-1996** 00079 03.6	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES FOR 27 MARCH 1996 WEEKLY BASE CLEANUP TEAM MEETING HELD TO DISCUSS SITES 24 AND 25, THE LANDFILL SITES, AND OU 3 (SITE 15) FIELDWORK	ADMIN RECORD	BCP BCT BRAC GUID MTG MINS NFA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 000365 NONE MM N68711-92-D-4670 00005	06-19-1996 **04-17-1996** 00079 00.0	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MINUTES FROM 10 APRIL 1996 WEEKLY BRAC CLEANUP TEAM MEETING HELD TO DISCUSS OU2A, OU2B, OU3, AND RCRA FACILITY ASSESSMENT ADDENDUM	ADMIN RECORD	BCP MTG MINS NFA RFA TECH/GUID DOC.	001 002 003 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001
M60050 / 001612 LTR NONE 00007	09-04-1996 **04-22-1996** NONE 01.6	ACOE LOS ANGELES M. DURHAM MCAS EL TORO J. JOYCE	RESPONSE TO LETTER OF MARCH 4, 1995 REGARDING REQUEST FOR AUTHORIZATION FOR ACTIONS TO BE PERFORMED AT IRP SITE 17 AND IRP SITE 12	ADMIN RECORD	GUID IRP REMEDIAL ACTIO	012 017 OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&71 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 000386 CTO-0079/0143 MM N68711-92-D-4670 00023	06-19-1996 **05-02-1996** 00079 00.0	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MINUTES FROM 24 APRIL 1996 BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING HELD TO DISCUSS OU2A, OU2B, OU3, AND MCLS FOR TRICHLOROETHYLENE	ADMIN RECORD	BCP BCT BRAC MTG MINS NFA TCE	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 001044 NONE MM N68711-92-D-4670 00006	12-08-1995 **05-08-1996** 00079 03.0	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	01 MAY 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	BCP MTG MINS TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 000837 NONE MM N68711-92-D-4670 00027	06-19-1996 **05-16-1996** 00079 00.0	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MINUTES FROM 7 MAY 1996 BRAC CLEANUP TEAM MEETING HELD TO DISCUSS OU2A, OU2B, AND OU3 SOIL SAMPLING RESULTS	ADMIN RECORD	BCP MTG MINS TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 079 PALLET 11 - BX-00: IMAGED TORO_002

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M60050 / 001515 CTO-0079/0140 RPT N68711-92-D-4670 00012	07-03-1996 **06-01-1996** 00079 01.1	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	TECHNICAL MEMORANDUM REVISED RISK ASSESSMENT PROCEDURES (DOCUMENT SIGNED 10 JUNE 1996) {SEE AR #1600 - DTSC COMMENTS & #2535 - NAVY ENVIRONMENTAL HEALTH CENTER COMMENTS}	ADMIN RECORD	GUID NFA RISK TECH MEMO	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 023 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03(IMAGED TORO_004

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M60050 / 001507 LTR N68711-92-D-4670 00016	06-06-1996 **06-05-1996** 00065 10.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	DOCUMENT REVIEW COMMENTS AND RESPONSES ON FINAL RCRA FACILITY ASSESSMENT ADDENDUM	ADMIN RECORD	COMMENTS RFA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03 IMAGED TORO_004

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M60050 / 002264 MISC N68711-92-D-4670 00357	09-21-1998 **06-06-1996** 00079 03.2	BECHTEL NATIONAL D. TEDALDI NAVFAC - SOUTHWEST DIVISION C. POTTER	CHAIN OF CUSTODY RECORDS, PHASE II RI/FS, SHALLOW SOIL SITES	ADMIN RECORD	FS OU RI SOIL	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016

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M60050 / 001516 CTO-0079/0169 MM N68711-92-D-4670 00005	07-03-1996 **06-14-1996** 00079 01.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES FROM 5 JUNE 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING HELD TO DISCUSS OU 1, 2A, 2B, 2C, 3 AND THE SITE 25 RI/FS	ADMIN RECORD	BCT FS MTG MINS RI TECH/GUID DOC.	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03 IMAGED TORO_004

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M60050 / 001517 CTO-0079/0172 MM N68711-92-D-4670 00010	07-03-1996 **06-20-1996** 00079 01.1	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MEETING MINUTES FROM 12 JUNE 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING HELD TO DISCUSS OU 1, 2A, 2B, AND OU 3	ADMIN RECORD	BCT MTG MINS NFA TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03 IMAGED TORO_004
M60050 / 001646 NONE MM N68711-92-D-4670 00023	09-27-1996 **07-08-1996** 00079 10.5	BNI SAN DIEGO D.K. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	19 JUNE 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	MTG MINS NFA TECH/GUID DOC.	003 005 006 008 015 025 OU 1 OU 2A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&70 PALLET 11 - BX-03 IMAGED TORO_009

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M60050 / 002266 MISC N68711-92-D-4670 00321	09-21-1998 **07-08-1996** 00073 03.2	BECHTEL NATIONAL D. TEDALDI NAVFAC - SOUTHWEST DIVISION C. POTTER	CHAIN OF CUSTODY RECORDS, PHASE II RI/FS, VOC SOURCE AREA AND MAJOR DRAINAGES	ADMIN RECORD	FS RI VOC	024 025 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-017 IMAGED TORO_016
M60050 / 001600 LTR NONE 00004	09-04-1996 **07-24-1996** NONE 10.1	DTSC LONG BEACH T. MAHMOUD MCAS EL TORO J. JOYCE	COMMENTS ON TECHNICAL MEMORANDUM RISK ASSESSMENT PROCEDURES W/ENCL	ADMIN RECORD INFO REPOSITORY	COMMENTS GUID NFA	OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&71 PALLET 11 - BX-03 IMAGED TORO_005
M60050 / 001650 NONE XMTL N68711-92-D-4670 00045	09-27-1996 **07-30-1996** 00079 10.6	BNI SAN DIEGO D.K. COWSER NAVFAC - SOUTHWEST DIVISION R. SELBY	10 JULY 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	MTG MINS NFA TECH/GUID DOC.	002 003 005 017 018 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&70 PALLET 11 - BX-03 IMAGED TORO_009

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M60050 / 001651 NONE XMTL N68711-92-D-4670 00010	09-27-1996 **07-30-1996** 00079 10.6	BNI SAN DIEGO D.K. COWSER NAVFAC - SOUTHWEST DIVISION R. SELBY	17 JULY 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	MTG MINS NFA TECH/GUID DOC.	002 017 024 OU 1 OU 2B OU 2C OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&70 PALLET 11 - BX-03 IMAGED TORO_009
M60050 / 001652 NONE XMTL N68711-92-D-4670 00004	09-27-1996 **07-30-1996** 00079 10.6	BNI SAN DIEGO D.K. COWSER NAVFAC - SOUTHWEST DIVISION R. SELBY	24 JULY 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	MTG MINS NFA TECH/GUID DOC.	002 017 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&70 PALLET 11 - BX-03 IMAGED TORO_009
M60050 / 001654 NONE XMTL N68711-92-D-4670 00019	09-27-1996 **08-07-1996** 00079 10.6	BNI SAN DIEGO D.K. COWSER NAVFAC - SOUTHWEST DIVISION R. SELBY	16 JULY 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	MTG MINS TECH/GUID DOC.	002 017 024 025 OU 1 OU 2A OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&70 PALLET 11 - BX-03 IMAGED TORO_009
M60050 / 002161 CTO-0076/0296 FAX NONE 00018	04-15-1998 **08-07-1996** 00076 01.1	DTSC LONG BEACH T. MAHMOUD BECHTEL NATIONAL, INC. T. LATAS	FAXED INFORMATION REGARDING LANDFILLS APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS FOR GEORGE AFB; REVIEW OF THE DRAFT FINAL REMEDIAL INVESTIGATION/FEASIBILITY STUDY DATED AUGUST 1995	ADMIN RECORD	ARAR FS GUID LF RI	OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-014 IMAGED TORO_015

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M60050 / 001583 CLE-C01-01F145-B7-0014 RPT N68711-89-D-9296 02500	08-22-1996 **08-09-1996** 00145 03.4	JACOBS ENGINEERING GROUP NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL OU 1 INTERIM-ACTION FEASIBILITY STUDY REPORT, REV. 0 VOLUME II OF IX {SEE AR #1582, #1584, #1585, #1586, #1587, #1588, #1589, & #1590 - OTHER VOLUMES & #2645 - IRWD COMMENTS}	ADMIN RECORD INFO REPOSITORY	FS RI	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03: IMAGED
M60050 / 001656 XMTL N68711-92-D-4670 00004	09-27-1996 **08-13-1996** 00079 10.1	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION	RESPONSE TO COMMENTS TECHNICAL MEMORANDUM REVISED RISK ASSESSMENT PROCEDURES (SEE AR #1600 - DTSC COMMENTS)	ADMIN RECORD INFO REPOSITORY	ASSESSMENT GUID RESPONSE RISK	001 004 007 013 014 015 019 020 023 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03: IMAGED TORO_011
M60050 / 001657 NONE XMTL N68711-92-D-4670 00004	09-27-1996 **08-23-1996** 00079 10.6	BNI SAN DIEGO D.K. COWSER NAVFAC - SOUTHWEST DIVISION R. SELBY	14 AUGUST 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	MTG MINS TECH/GUID DOC.	002 005 017 OU 2A OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03: IMAGED TORO_011
M60050 / 001631 NONE LTR NONE 00002	09-16-1996 **08-28-1996** NONE 06.0	MCAS EL TORO J. JOYCE CRWQCB RIVERSIDE L. VITALE	CONFIRMATION ON THE AGREEMENTS CONCERNING IRP SITE 20 OU 2 AND OU 3 MADE DURING THE BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING OF 21 AUGUST 1996	ADMIN RECORD	BRAC CLOSURE IRP UST	020 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 069 PALLET 12 - BX-04: IMAGED TORO_005

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M60050 / 001710 CTO-0076/0272 RPT N68711-92-D-4670 00139	01-31-2000 **10-09-1996** 00076 00.0	BECHTEL NATIONAL INC. T. LATAS NAVFAC - SOUTHWEST DIVISION	FINAL TECHNICAL MEMORANDUM - BACKGROUND & REFERENCE LEVELS REMEDIAL INVESTIGATIONS	ADMIN RECORD	IDW RI TECH MEMO	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03 IMAGED TORO_011
M60050 / 001705 CTO-0079/0242 XMTL N68711-92-D-4670 00004	11-13-1996 **10-10-1996** 00079 02.5	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	REPLACEMENT PAGES 11 AND 16 (SIGNATURE PAGE) FOR FINAL ACTION MEMORANDUM NON-TIME-CRITICAL REMOVAL ACTION FOR UNIT 2 OF SITE 19 (SEE AR #1700 - FINAL ACTION MEMO)	ADMIN RECORD INFO REPOSITORY	ACTMEMO NTCRA REMOVAL	019 OU 3 UNIT 2	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03 IMAGED TORO_011
M60050 / 001876 MISC NONE 00001	03-26-1997 **10-10-1996** NONE 10.3	LOS ANGELES TIMES GENERAL PUBLIC	PUBLIC NOTICE OF REMOVAL ACTIONS AT MAGAZINE ROAD LANDFILL, COMMUNICATION STATION LANDFILL AND AIRCRAFT EXPEDITIONARY REFUELING SITE	ADMIN RECORD INFO REPOSITORY	LF MAG RD LANDFIL PIM PUBNOT REMOVAL	002 017 019 OU 2B OU 3 UNIT 2	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_009
M60050 / 001877 MISC NONE 00001	03-26-1997 **10-10-1996** NONE 10.3	ORANGE COUNTY REGISTER GENERAL PUBLIC	PUBLIC NOTICE OF REMOVAL ACTIONS AT MAGAZINE ROAD LANDFILL, COMMUNICATION STATION LANDFILL AND AIRCRAFT EXPEDITIONARY REFUELING SITE	ADMIN RECORD INFO REPOSITORY	LF PUBNOT REMOVAL	002 017 019 OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_009

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M60050 / 001268 CTO-0059/0033 RPT N68711-92-D-4670 00072	02-09-1996 **11-04-1996** 00059 02.4	BECHTEL NATIONAL T. LATAS NAVFAC - SOUTHWEST DIVISION J. ASHMAN	DRAFT RISK ASSESSMENT WORK PLAN FOR THE PHASE II RI/FS (DOCUMENT NEEDS TO BE RE-IMAGED - DUE TO TRANSMITTAL LETTER ONLY BEING IMAGED)	ADMIN RECORD	FS NFA PCE RI TCE TECH/GUID DOC. VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-013 IMAGED TORO_003
M60050 / 001711 RPT N68711-92-D-4670 02000	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITES VOLUME I REPORT AND ATTACHMENTS A-D	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-03 IMAGED

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M60050 / 001712 CTO-0079/0220 RPT N68711-92-D-4670 02000	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL, INC. C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II REMEDIAL INVESTIGATION REPORT VOLUME II OF ATTACHMENTS E-I	ADMIN RECORD INFO REPOSITORY	RI	010 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 064 PALLET 11 - BX-03 IMAGED
M60050 / 001713 RPT N68711-92-D-4670 01500	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITE 16 VOLUME III ATTACHMENTS J-N	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 064 PALLET 11 - BX-03 IMAGED
M60050 / 001714 RPT N68711-92-D-4670 02000	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITES VOLUME IV ATTACHMENTS A-G	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 064 PALLET 11 - BX-03 IMAGED
M60050 / 001715 RPT N68711-92-D-4670 02500	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITES VOLUME V APPENDIX H, PART 1	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 064 PALLET 11 - BX-03 IMAGED

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M60050 / 001716 RPT N68711-92-D-4670 01500	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITES VOLUME VI APPENDIX H, PART 2	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 064 PALLET 11 - BX-03 IMAGED
M60050 / 001717 RPT N68711-92-D-4670 02000	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITES VOLUME VII APPENDICES I AND J, PART 1	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 065 PALLET 11 - BX-03 IMAGED
M60050 / 001718 RPT N68711-92-D-4670 02500	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITES VOLUME VIII APPENDIX J, PART 2	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 065 PALLET 11 - BX-03 IMAGED
M60050 / 001719 RPT N68711-92-D-4670 02500	11-21-1996 **11-12-1996** 00079 03.4	BECHTEL NATIONAL C. CARLISLE NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II RI REPORT OU-3A SITES VOLUME IX APPENDICES K-N	ADMIN RECORD INFO REPOSITORY	RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 065 PALLET 11 - BX-03 IMAGED

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M60050 / 001736 CTO-073/0185 RPT N68711-92-D-4670 00069	03-17-1997 **11-26-1996** 00073 01.3	BECHTEL NATIONAL, INC. D. COWSER VARIOUS AGENCIES	AQUIFER TEST REPORT DATED NOVEMBER 1996 (SEE AR #1820 - DTSC COMMENTS & #2653 - EPA COMMENTS)	ADMIN RECORD INFO REPOSITORY	GW WATER WELLS	007 008 009 010 011 012 015 022 024	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 066 PALLET 11 - BX-03 IMAGED TORO_012
M60050 / 001919 NONE MM N68711-92-D-4670 00016	03-27-1997 **12-03-1996** 00079 10.4	BECHTEL NATIONAL D. COWSER VARIOUS AGENCIES	20 NOVEMBER 1996 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	BCP MTG MINS TECH/GUID DOC.	002 003 005 017 024 OU 1 OU 2A OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED TORO_009
M60050 / 001851 XMTL N68711-92-D-4670 00013	03-25-1997 **12-20-1996** 00079 10.1	BECHTEL NATIONAL D. COWSER VARIOUS AGENCIES	PROPOSED RESOLUTION TO CTO-080 COMMENTS, DRAFT RI REPORT OU 3A DATED DECEMBER 3, 1996	ADMIN RECORD INFO REPOSITORY	COMMENTS OU RESPONSE RI	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_009

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M60050 / 001730 PLAN N68711-92-D-4670 01500	01-29-1997 **01-01-1997** 00103 04.4	BECHTEL NATIONAL, INC. J. KLUESENER NAVFAC - SOUTHWEST DIVISION	DRAFT BASE REALIGNMENT AND CLOSURE CLEANUP PLAN (BCP)	ADMIN RECORD	BCP BRAC CLOSURE GW SOIL	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 066 PALLET 11 - BX-03 IMAGED

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M60050 / 002064 LTR NONE 00004	01-30-1998 **01-05-1997** NONE 10.1	DTSC LONG BEACH J. SCANDURA MCAS EL TORO J. JOYCE	DTSC'S RESPONSE TO MCAS EL TORO'S REQUEST FOR EXTENSIONS TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULES	ADMIN RECORD	FFA GW LANDFILL REQUEST RESPONSE ROD	001 002 003 005 007 008 011 012 014 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012
M60050 / 001817 MISC NONE 00017	03-21-1997 **01-09-1997** NONE 10.4	MCAS EL TORO J. JOYCE	DEFENSE ENVIRONMENTAL RESPONSE TASK FORCE (DERTF) PRESENTATION	ADMIN RECORD INFO REPOSITORY	PUB. PARTICIPATI RAB RESPONSE	002 003 005 017 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 093 PALLET 12 - BX-04 IMAGED TORO_012

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M60050 / 001729 RPT N68711-92-D-4670 02000	01-29-1997 **01-21-1997** 00073 03.4	BECHTEL NATIONAL, INC. P. BROOKS NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II REMEDIAL INVESTIGATION/FEASIBILITY STUDY ADDENDUM FOR SITE 25	ADMIN RECORD INFO REPOSITORY	ADPM FS NFA RI	001 002 003 004 005 006 008 009 010 011 012 013 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 065 PALLET 11 - BX-03(IMAGED

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M60050 / 001745 CTO-0103/0144 PLAN N68711-92-D-4670 02000	03-17-1997 **01-30-1997** 00103 04.2	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE CLEANUP PLAN (BCP) DATED MARCH 1997	ADMIN RECORD INFO REPOSITORY MISSING @ SWDIV	BCP BCT BRAC GUID NFA	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED

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M60050 / 001847 NONE MM N68711-92-D-4670 00016	03-24-1997 **02-06-1997** 00079 10.1	BECHTEL NATIONAL D. COWSER VARIOUS AGENCIES	06 FEBRUARY 1997 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	COMMENTS MTG MINS RI TECH/GUID DOC.	004 006 008 009 010 011 012 013 015 016 019 020 021 022 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_009
M60050 / 001939 MISC NONE 00085	05-28-1997 **03-01-1997** NONE 11.0	BECHTEL NATIONAL	APPENDIX K BASELINE HUMAN-HEALTH RISK ASSESSMENT (REPLACEMENT PGS) FOR VOLUME IX OF DRAFT PHASE II RI REPORT ON OU 3A SITES (REFERENCE DOC.# 001719)	ADMIN RECORD INFO REPOSITORY	ASSESSMENT RISK	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED

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M60050 / 001940 MISC NONE 00003	05-28-1997 **03-01-1997** NONE 11.0	BECHTEL NATIONAL	VOLUME IX REPLACEMENT FRONT COVER TITLE SHEET AND BINDER SPINE OF THE DRAFT PHASE II RI REPORT FOR OU 3A SITES (REFERENCE DOC.# 001719)	ADMIN RECORD INFO REPOSITORY		004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED
M60050 / 001941 MISC NONE 00008	05-28-1997 **03-01-1997** NONE 11.0	BECHTEL NATIONAL	APPENDIX O (NEW APPENDIX) & PETROLUM EXCLUSION DOCS. FOR VOLUME IX OF THE DRAFT PHASE II RI REPORT FOR OU 3A SITES (REFERENCE DOC.# 001719)	ADMIN RECORD INFO REPOSITORY		004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED

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M60050 / 001942 MISC NONE 00005	05-28-1997 **03-01-1997** NONE 11.0	BECHTEL NATIONAL	APPENDIX B REPLACEMENT PAGES FOR VOLUME IV OF THE DRAFT PHASE II RI REPORT FOR OU 3A SITES (REFERENCE DOC.# 001719)	ADMIN RECORD INFO REPOSITORY	RI	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED
M60050 / 001844 XMTL N68711-92-D-4670 00039	03-24-1997 **03-18-1997** 00079 10.1	BECHTEL NATIONAL C. CARLISLE VARIOUS AGENCIES	RESPONSE TO COMMENTS DOCUMENTS, DRAFT PHASE II RI REPORT OU 3A SITES (VARIOUS DATES)	ADMIN RECORD INFO REPOSITORY	COMMENTS NFA RESPONSE RI TECH/GUID DOC.	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_009

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M60050 / 001943 LTR N68711-92-D-4670 00003	05-28-1997 **03-18-1997** 00079 01.6	BECHTEL NATIONAL C. CARLISLE VARIOUS AGENCIES	TRNSMTL LETTER REGARDING DRAFT FINAL PHASE II REMEDIALINVESTIGATION REPORT OPERABLE UNIT 3A SITES(VOL.1-III)(REF.DOCS# 001824, 001825 & 001826)	ADMIN RECORD	OU RI	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED TORO_009
M60050 / 002011 LTR NONE 00001	09-24-1997 **05-14-1997** NONE 01.6	CRWQCB RIVERSIDE G. THIBEAULT MCAS EL TORO W. LEE	CASE CLOSURE, AIRCRAFT EXPEDITIONARY REFUELING (ACER) SITE, NORTHWEST STAINED AREA (FORMER IRP SITE 19 UNIT 1)	ADMIN RECORD	CLOSURE IRP RA SI	019 OU 3A UNIT 1	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 001934 MISC N68711-92-D-4670 00018	05-28-1997 **05-28-1997** 0063B 10.4	BECHTEL NATIONAL C. CARLISLE VARIOUS AGENCIES	SITE (B) BASEWIDE COMMUNITY RELATIONS SUPPORT-INCLUDESMAY 28, 1997 RAB AGENDA, MARCH 26, 1997 DRAFT MEETING MINUTES, PUBLIC NOTICE & (MAILING LIST IN CONFIDNTL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CRP MTG MINS PUB. PARTICIPATI RAB	001 002 003 004 005 006 007 008 010 011 012 013 015 016 017 019 020 021 022 024 025 OU 1 OU 2C OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 1 000-00-0000 VISTA 097 PW - 37041243* IMAGED TORO_009
M60050 / 001963 NONE MM N68711-92-D-4670 00007	07-23-1997 **05-28-1997** 00142 01.6	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	28 MAY 1997 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES WITH MEETING AGENDA	ADMIN RECORD	BRAC CLOSURE FFA GW MTG MINS UXO WELLS	024 BLDG. 296 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009

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M60050 / 001824 CTO-0079/0364 RPT N68711-92-D-4670 01500	06-01-1997 **06-01-1997** 00079 04.2	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU 3A SITES (SEE AR #1825 AND #1826) VOLUME I	ADMIN RECORD INFO REPOSITORY	NFA OU RI SOIL	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 095 PALLET 12 - BX-04 IMAGED
M60050 / 001825 CTO-0079/0364 RPT N68711-92-D-4670 01500	06-01-1997 **06-01-1997** 00079 04.2	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU 3A SITES VOL. II ATTACHMENTS E-I (SEE AR #1824 & #1826)	ADMIN RECORD INFO REPOSITORY	NFA RI SLUDGE SOIL	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 095 PALLET 12 - BX-04 IMAGED

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M60050 / 001826 CTO-0079/0364 RPT N68711-92-D-4670 01500	06-01-1997 **06-01-1997** 00079 04.2	BECHTEL NATIONAL, INC. D. TELDALDI VARIOUS AGENCIES	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU 3A SITES VOL. III ATTACHMENTS J-N (SEE AR #1824 & #1825)	ADMIN RECORD INFO REPOSITORY	FUEL GW NFA OU PCB RI RISK SOIL VOC	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 095 PALLET 12 - BX-04 IMAGED
M60050 / 001951 CTO-0079/0364 RPT N68711-92-D-4670 02000	06-11-1997 **06-01-1997** 00079 03.4	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU-3A SITES VOLUME IV OF IX APPENDICES A-G	ADMIN RECORD INFO REPOSITORY	NFA OU RI	OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED
M60050 / 001952 RPT N68711-92-D-4670 02000	06-11-1997 **06-01-1997** 00079 03.4	BECHTEL NATIONAL	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU-3A SITES VOLUME V OF IX APPENDIX H, PART I	ADMIN RECORD INFO REPOSITORY	NFA OU RI	OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05 IMAGED

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M60050 / 001953 CTO-0079/0364 RPT N68711-92-D-4670 02000	06-11-1997 **06-01-1997** 00079 03.4	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU-3A SITES VOLUME VI OF IX APPENDIX H, PART 2	ADMIN RECORD INFO REPOSITORY	NFA OU RI	OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 090 PALLET 12 - BX-05 IMAGED
M60050 / 001954 CTO-0079/0364 RPT N68711-92-D-4670 02000	06-11-1997 **06-01-1997** 00079 03.4	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU-3A SITES VOLUME VII OF IX APPENDICES I & J, PART 1	ADMIN RECORD INFO REPOSITORY	NFA OU RI	OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 090 PALLET 12 - BX-05 IMAGED
M60050 / 001955 CTO-0079/0364 RPT NONE 02000	06-11-1997 **06-01-1997** 00079 03.4	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU-3A SITES VOLUME VIII OF IX APPENDIX J, PART 2	ADMIN RECORD INFO REPOSITORY	NFA OU RI	OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 090 PALLET 12 - BX-05 IMAGED
M60050 / 001956 CTO-0079/0364 RPT NONE 02000	06-11-1997 **06-01-1997** 00079 03.4	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PHASE II REMEDIAL INVESTIGATION REPORT OU-3A SITES VOLUME IX OF IX APPENDICES K-O	ADMIN RECORD INFO REPOSITORY	NFA OU RI	OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 090 PALLET 12 - BX-05 IMAGED

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M60050 / 001959 MISC NONE 00001	06-30-1997 **06-20-1997** NONE 10.6	ORANGE COUNTY REPORTER GENERAL PUBLIC	NEWSPAPER ARTICLE: "ELEVEN EL TORO SITES WON'T NEED CLEANUP, MARINES SAY"	ADMIN RECORD INFO REPOSITORY	FUEL NEWSART PIM	004 006 009 010 013 015 019 020 021 022 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009
M60050 / 002007 RPT N68711-95-D-7530 01000	09-24-1997 **06-30-1997** DO009 01.1	CDM FEDERAL PROGRAMS VARIOUS AGENCIES	GROUNDWATER MONITORING REPORT MARCH 1997 SAMPLING ROUND VOLUMES I AND II	ADMIN RECORD	GW MONITORING NFA SAP	002 003 004 013 015 OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05: IMAGED
M60050 / 001966 MM N68711-92-D-4670 00005	08-20-1997 **07-01-1997** 00076 01.6	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	JULY 1, 1997 BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING MINUTES	ADMIN RECORD	BCT BRAC MTG MINS NFA ROD	002 003 005 008 011 012 017 024 OU 1 OU 2A OU 2B OU 2C	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009

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M60050 / 001965 CTO-0079/0389 RPT N68711-92-D-4670 00599	07-23-1997 **07-10-1997** 00079 04.2	BECHTEL NATIONAL, INC. J. SCHOLFIELD VARIOUS AGENCIES	DRAFT PHASE II FEASIBILITY STUDY OPERABLE UNIT 3A SITES (SEE AR #3241 - DRAFT FEASIBILITY STUDY ADDENDUM)	ADMIN RECORD INFO REPOSITORY	FS GW NFA SOIL	002 008 011 012 017 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009
M60050 / 002528 SW4089 MEMO N68711-93-D-1459 00012	09-19-2001 **08-15-1997** DO 70	OHM REMEDIATION J. NEUHAUS NAVFAC - SOUTHWEST DIVISION L. HORNECKER	CATCH BASIN CLEAN-OUT WEST OF IRP SITE 21 - MATERIALS MANAGEMENT GROUP	ADMIN RECORD BASE	DISPOSAL DRUMS METALS PAH PCB PESTICIDES SEDIMENTS SOIL SVOC VOC WATER	021 BLDG. 320 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_019
M60050 / 001967 CTO-135/0034 RPT N68711-92-D-4670 00129	09-18-1997 **08-18-1997** 00135 05.1	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	DRAFT RECORD OF DECISION OPERABLE UNITS 2A AND 3A NO ACTION SITES	ADMIN RECORD	NFA OU ROD	004 006 009 010 013 015 019 020 021 022 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED

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M60050 / 001968 MM N68711-92-D-4670 00016	09-18-1997 **08-25-1997** 00076 10.4	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	AUGUST 6, 1997, BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING MINUTES	ADMIN RECORD	FFA GUID LF MTG MINS ROD	005 017 024 OU 1 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009
M60050 / 002059 CTO-0079/0431 MISC N68711-92-D-4670 00031	01-29-1998 **09-03-1997** 00079 10.4	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	COMPILED RESPONSE TO COMMENTS ON THE DRAFT PHASE II FEASIBILITY STUDY REPORT FOR OPERABLE UNIT 3A (VARIOUS DATES)	ADMIN RECORD INFO REPOSITORY	COMMENTS FS NFA RESPONSE	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05! IMAGED TORO_012
M60050 / 001977 MISC NONE 00017	09-18-1997 **09-16-1997** NONE 10.1	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	DRAFT RESPONSIVENESS SUMMARY PROPOSED PLAN, NO ACTION SITES	ADMIN RECORD INFO REPOSITORY	CLEANUP GW NFA OU ROD SOIL VOC	004 006 009 010 013 015 019 020 021 022 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011

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M60050 / 001979 NONE FAX NONE 00004	09-18-1997 **09-17-1997** NONE 10.3	MCAS EL TORO COMMANDING OFFICER BECHTEL NATIONAL, INC. B. COLEMAN	FAXED COPIES OF VARIOUS NEWS CLIPPINGS: PUBLIC NOTICE DATED 31 JULY 1997, PRESENTATION & DISCUSSION MEETING, IRP PROPOSED PLAN OPERABLE UNIT 2A, NO FURTHER ACTION OPERABLE UNIT 3A	ADMIN RECORD INFO REPOSITORY	GW NFA PIM PROPOSED PLAN PUBNOT ROD SOIL VOC	024 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 001987 CORRESP NONE 00018	09-18-1997 **09-18-1997** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	SUBMITTAL OF FEDERAL FACILITIES AGREEMENT EXTENSION REQUEST FOR CHANGES IN THE DRAFT FINAL INTERIM RECORD OF DECISION (ROD) FOR OU 2A, OU 2B AND OU 2C (SEE AR #2662 - CRWQCB RESPONSE)	ADMIN RECORD	BCT BRAC FFA ROD VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011

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M60050 / 002246 LTR NONE 00004	07-30-1998 **09-23-1997** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	LETTER TRANSMITTING TWO COPIES OF THE ON SCENE COORDINATOR REPORT, NON-TIME-CRITICAL REMOVAL ACTION, UNIT 2, AIRCRAFT EXPEDITIONARY REFUELING SITE W/O ENCLOSURE (SEE AR #1993 - REPORT)	ADMIN RECORD	NTCRA	019 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016
M60050 / 002039 MISC NONE 00071	11-24-1997 **09-24-1997** NONE 10.6	MCAS EL TORO RAB RAB MEMBERS	SEPTEMBER 24, 1997, RAB MEETING; PUBLIC INFORMATION MATERIALS INCLUDES: RAB MTG.AGENDA, PUBLIC NOTICE, RAB MTG.MINS OF 8/6/97, MISC. AGENCIES COMMENTS	ADMIN RECORD INFO REPOSITORY	COMMENTS MTG MINS PUB. PARTICIPATI PUBNOT RAB	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 024 OU 2A OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002025 CTO-135/0102 CORRESP N68711-92-D-4670 00008	11-21-1997 **09-25-1997** 00135 01.6	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	RESPONSE TO COMMENTS ON DRAFT ROD, OU'S 2A AND 3A, NO ACTION SITES AND ASSOCIATED RESPONSIVENESS SUMMARY (VARIOUS DATES)	ADMIN RECORD INFO REPOSITORY	COMMENTS RESPONSE ROD	009 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002020 CTO-135/0086 RPT N68711-92-D-4670 00100	09-26-1997 **09-26-1997** 00135 05.1	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	DRAFT FINAL RECORD OF DECISION OPERABLE UNITS 2A AND 3A NO ACTION SITES (SEE AR #2663 - SIGNED SIGNATURE PAGE FROM CRWQCB)	ADMIN RECORD INFO REPOSITORY	ARAR ARSENIC BCT BRAC CANCER COPC COPEC DQO FFA GW METALS MONITORING MW NFA NPL OU PCB PCE PESTICIDES RAB RFA ROD SOIL SVOC SWMU TCE TPH UST VOC	004 006 009 010 013 015 019 020 021 022 025 OU 2A OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED

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M60050 / 002663 NONE LTR NONE 00005	05-28-2002 **09-29-1997** NONE	CRWQCB - RIVERSIDE L. VITALE MCAS EL TORO J. JOYCE	TRANSMITTAL OF SIGNED SIGNATURE PAGE FOR THE DRAFT FINAL RECORD OF DECISION OPERABLE UNITS 2A AND 3A NO ACTION SITES (SEE AR #2020 - ROD)	ADMIN RECORD BASE	ROD	004 006 009 010 013 015 019 020 021 022 024 025 OU 2A OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_023
M60050 / 002225 RPT N68711-96-D-2029 00609	07-30-1998 **10-01-1997** DO005 01.2	CDM FEDERAL PROGRAMS L. DAVIDSON NAVFAC - SOUTHWEST DIVISION	FINAL GROUNDWATER MONITORING REPORT FOR JULY 1997 SAMPLING ROUND	ADMIN RECORD INFO REPOSITORY	GW MONITORING NFA VOC VOLATILES	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016
M60050 / 002034 NONE MM N68711-92-D-4670 00017	11-24-1997 **10-09-1997** 00142 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	09 OCTOBER 1997 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	MTG MINS NFA	001 008 011 012 018 024 OU 1 OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002026 CORRESP NONE 00022	11-21-1997 **10-29-1997** NONE 01.6	DTSC LONG BEACH M. MINGAY VARIOUS AGENCIES	RESPONSIVENESS SUMMARY FOR PROPOSED PLAN OU 2A VADOSE ZONE; FORWARDED TO INDIVIDUALS WHO SUBMITTED COMMENTS (MAILING LIST IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL	COMMENTS OU PUB. PARTICIPATI	007 008 009 010 011 022 024 BLDG. 296 BLDG. 297 OU 2A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012
M60050 / 002027 CORRESP NONE 00053	11-21-1997 **10-29-1997** NONE 01.6	DTSC LONG BEACH M. MINGAY VARIOUS AGENCIES	RESPONSIVENESS SUMMARY FOR PROPOSED PLAN OU 2A AND 3A NO ACTION SITES; FORWARDED TO INDIVIDUALS WHO SUBMITTED COMMENTS (MAILING LIST IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL	COMMENTS OU PUB. PARTICIPATI	009 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012
M60050 / 002058 MISC NONE 00091	01-29-1998 **12-03-1997** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIAL/HANDOUTS INCLUDES: 12/3/97RAB MEETING AGENDA, PUB. NOTICE, SEPTEMBER 24, 1997 MTG MIN. RAB SIGN-IN SHEET & VARIOUS AGENCIES COMMENTS	ADMIN RECORD INFO REPOSITORY	COMMENTS LANDFILL PUB. PARTICIPATI RAB	002 003 005 008 011 012 017 024 OU 2A OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002068 LTR NONE 00018	01-30-1998 **12-30-1997** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	REQUEST FOR CHANGES TO THE FEDERAL FACILITIES AGREEMENT APPENDIX A SCHEDULE FOR PRIMARY DOCUMENTS (SEE AR #2672 - RESPONSE TO THIS REQUEST)	ADMIN RECORD	FFA GW NFA	001 002 003 005 007 008 011 012 014 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002672 NONE LTR NONE 00001	05-29-2002 **01-07-1998** NONE	CRWQCB - RIVERSIDE L. VITALE MCAS EL TORO J. JOYCE	RESPONSE TO REQUEST FOR EXTENSIONS TO THE FEDERAL FACILITIES AGREEMENT APPENDIX A SCHEDULE FOR PRIMARY DOCUMENTS - RWQCB CONCURS WITH PROPOSED EXTENSION DATES (SEE AR #2068 - REQUEST)	ADMIN RECORD BASE	FFA	001 002 003 005 007 008 011 012 014 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021
M60050 / 002069 CTO-0079/0424 RPT N68711-92-D-4670 01200	01-30-1998 **01-12-1998** 00079 04.2	BECHTEL NATIONAL, INC. J. SCHOLFIELD VARIOUS AGENCIES	DRAFT FINAL PHASE II FEASIBILITY STUDY OU 3A SITES	ADMIN RECORD INFO REPOSITORY	FFA FS NFA SLUDGE SOIL	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED

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M60050 / 002148 MM NONE 00051	03-30-1998 **01-28-1998** NONE 10.4	MCAS EL TORO PUBLIC	PUBLIC INFORMATION MATERIALS INCLUDES: JANUARY 28, 1998 AGENDA, PUBLIC NOTICE, DECEMBER 3, 1997 FINAL MTG. MINS., SIGN-IN SHEETS, MISC. AGENCIES COMMENTS	ADMIN RECORD INFO REPOSITORY	BRAC CLEANUP COMMENTS IR MTG MINS PUB. PARTICIPATI RAB RESULTS ROD	001 002 003 004 005 008 011 012 017 024 OU 2A OU 2B OU 2C OU 3A TANK 398	SOUTHWEST DIVISION - BLDG. 1 BX-014 IMAGED TORO_015
M60050 / 002676 NONE CORRESP NONE 00005	05-29-2002 **02-13-1998** NONE	DEPT OF HEALTH SERVICES D. BAILEY NAVFAC - SOUTHWEST DIVISION T. JOHNIKEN	COMMENTS ON THE DRAFT WORK PLAN RADIOLOGICAL STATUS SURVEY REPORT (DRAFT WORK PLAN WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD BASE	COMMENTS DQO RADIATION WORK PLAN	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026
M60050 / 002224 PLAN NONE 00584	07-30-1998 **03-01-1998** NONE 01.1	BRAC CLEANUP TEAM T. MAHMOUD MCAS EL TORO	FINAL BASE REALIGNMENT AND CLOSURE CLEANUP PLAN (BCP)	ADMIN RECORD INFO REPOSITORY	BCP BCT BRAC CLOSURE NFA	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_016

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M60050 / 002077 RPT N68711-96-D-2029 00691	03-23-1998 **03-02-1998** DO 005 01.2	CDM FEDERAL PROGRAMS L. DAVIDSON VARIOUS AGENCIES	GROUNDWATER MONITORING REPORT FOR OCTOBER 1997 - SAMPLING ROUND 7 (SEE AR #2683 - DTSC COMMENTS & #2684 - DHS COMMENTS)	ADMIN RECORD INFO REPOSITORY	FS GW MOA MW NFA RI VOC WELLS	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-013 IMAGED TORO_015
M60050 / 002193 MISC NONE 00066	05-07-1998 **03-25-1998** NONE 10.6	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS/HANDOUTS INCLUDES: RAB MTG. AGENDA, PUBLIC NOTICE, JANUARY 28, 1998 MTG. MIN.MISC. PRESENTATIONS,AGCY. COMMENTS (MAILER IN CONFID.)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS EVALUATION LANDFILL MTG MINS PUB. PARTICIPATI RAB TECH/GUID DOC. VOC	002 003 005 017 024 OU 1 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_015
M60050 / 002188 XMTL N68711-92-D-4670 00004	05-07-1998 **04-02-1998** 00142 10.4	BECHTEL NATIONAL D.TEDALDI VARIOUS AGENCIES	MARCH 11, 1998, MEETING MINUTES ON SITE 24 PILOT TEST UPDATE	ADMIN RECORD	MTG MINS TCE WELLS	009 024 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_015

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M60050 / 002192 LTR NONE 00003	05-07-1998 **04-08-1998** NONE 01.6	DTSC - CYPRESS J. SCANDURA VARIOUS AGENCIES	REQUEST FOR EXTENSION TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULES	ADMIN RECORD	FFA GW LANDFILL NFA REQUEST ROD TECH/GUID DOC.	002 003 005 008 011 012 017 018 024 OU 1 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_015
M60050 / 002683 NONE LTR NONE 00003	05-30-2002 **05-04-1998** NONE	DTSC - CYPRESS T. MAHMOUD MCAS EL TORO J. JOYCE	COMMENTS ON THE ROUND 7 GROUNDWATER MONITORING REPORT FOR OCTOBER 1997 SAMPLING (SEE AR #2077 - MONITORING REPORT)	ADMIN RECORD BASE	COMMENTS GW MONITORING MW WELLS	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021
M60050 / 002194 CTO-0079/0456 XMTL N68711-92-D-4670 00006	05-07-1998 **05-05-1998** 00079 10.1	BECHTEL NATIONAL, INC. D. TEDALDI US EPA - SAN FRANCISCO G. KISTNER	RESPONSE TO EPA COMMENTS ON THE DRAFT FINAL PHASE II FEASIBILITY STUDY OU 3A SITES DATED FEBRUARY 1998	ADMIN RECORD INFO REPOSITORY	COMMENTS FS NFA RESPONSE	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_015

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M60050 / 002684 NONE LTR NONE 00005	05-30-2002 **05-05-1998** NONE	DEPT OF HEALTH SERVICES D. BAILEY MCAS EL TORO J. JOYCE	COMMENTS ON THE ROUND 7 GROUNDWATER MONITORING REPORT FOR OCTOBER 1997 SAMPLING (SEE AR #2077 - MONITORING REPORT)	ADMIN RECORD BASE	COMMENTS GW MONITORING MW RADIONUCLIDES WELLS	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07(IMAGED TORO_021
M60050 / 002687 NONE CORRESP NONE 00004	05-30-2002 **05-14-1998** NONE	DEPT OF HEALTH SERVICES D. BAILEY MCAS EL TORO J. JOYCE	COMMENTS ON THE DRAFT FINAL RADIOLOGICAL STATUS SURVEY (DRAFT FINAL RADIOLOGICAL STATUS SURVEY WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD BASE	COMMENTS RADIATION	HANGAR 296 HANGAR 297 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026
M60050 / 002688 NONE LTR NONE 00009	05-30-2002 **05-26-1998** NONE	DEPT OF HEALTH SERVICES D. BAILEY MCAS EL TORO J. MATTHEWS	REQUEST THAT ACTIVITY PROVIDE A HISTORICAL RADIATION ASSESSMENT (HRA) FOR ENTIRE BASE WITH ENCLOSURES OF GUIDANCE MATERIAL AND FLOWCHART FOR PREPARATION OF DOCUMENTS FOR SUBMITTAL	ADMIN RECORD BASE	BCT BRAC CLOSURE GUID GW HRA RADIATION SOIL	BLDG. 296 BLDG. 297 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07(IMAGED TORO_021
M60050 / 002215 CTO-0079/0424 XMTL N68711-92-D-4670 00043	07-21-1998 **06-02-1998** 00079 01.6	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	TRANSMITTAL OF REPLACEMENT PAGES FOR DRAFT FINAL PHASE II FEASIBILITY STUDY OU 3A	ADMIN RECORD	FS NFA OU	012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_016

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M60050 / 002219 CTO-0079/0467 XMTL N68711-92-D-4670 00004	07-21-1998 **06-08-1998** 00079 01.6	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	CLARIFICATION OF RESPONSE TO EPA COMMENTS ON THE DRAFT FINAL PHASE II FEASIBILITY STUDY OU 3A SITES	ADMIN RECORD	COMMENTS FS NFA RESPONSE	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_016
M60050 / 002212 LTR NONE 00008	07-21-1998 **06-16-1998** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	SUBMITTAL OF FFA SCHEDULE CHANGE REQUEST FOR TWO GROUPS OF OU 3 SITES (8, 11, 12 AND 7, 14, 16)	ADMIN RECORD	CLEANUP FFA GW LANDFILL NFA	007 008 011 012 014 016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_016
M60050 / 002250 CTO-0155/0217 PLAN N68711-92-D-4670 00013	08-31-1998 **07-24-1998** 155-2 03.3	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	DRAFT PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES, OPERABLE UNIT 3, SITES 8, 11, AND 12	ADMIN RECORD	IRP NFA PIM SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016
M60050 / 002259 LTR NONE 00008	08-31-1998 **08-20-1998** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	REQUEST FOR CHANGES IN THE FEDERAL FACILITY AGREEMENT APPENDIX A SCHEDULE FOR PRIMARY DOCUMENTS (SEE AR #2690 - EPA APPROVAL, #2691 - DTSC APPROVAL, & #2692 - CRWQCB APPROVAL)	ADMIN RECORD	FFA GW LF PROPOSED PLAN ROD VOC	002 003 005 007 014 016 017 018 024 OU 1 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016

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M60050 / 002299 NONE CORRESP NONE 00011	12-22-1998 **09-21-1998** NONE 10.1	DTSC - CYPRESS T. MAHMOUD MCAS EL TORO J. JOYCE	COMMENTS ON DRAFT PROPOSED PLAN FOR OPERABLE UNIT (OU) 3, SITES 8, 11 AND 12 {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL	COMMENTS LANDFILL NFA OU SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_017
M60050 / 002400 CTO-0155/0283 RPT N68711-92-D-4670 00010	05-03-1999 **09-22-1998** 00155 01.1	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION	TECHNICAL MEMORANDUM ON RISK MANAGEMENT CONSIDERATIONS FOR OU-3A SITES 8, 11 AND 12	ADMIN RECORD	PCB SLUDGE SOIL TECH MEMO	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002291 CTO-135/0170 MM N68711-92-D-4670 00008	10-07-1998 **10-07-1998** 00135 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	03 SEPTEMBER 1998 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD INFO REPOSITORY	ARAR BCP GW LANDFILL MTG MINS NFA SVEI VOC	002 003 005 008 011 012 017 024 OU 2A OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_016

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M60050 / 002295 NONE MISC NONE 00008	11-17-1998 **11-03-1998** NONE 01.1	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT (FFA) APPENDIX A SCHEDULE EXTENSION REQUEST FOR DRAFT RECORD OF DECISION, OPERABLE UNIT 2C, LANDFILL SITES 3 AND 5 {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL	FFA FFSRA LF ROD	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_016
M60050 / 002301 NONE CORRESP NONE 00014	12-22-1998 **11-30-1998** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	REQUEST FOR CHANGE TO THE FEDERAL FACILITY AGREEMENT (FFA) APPENDIX A SCHEDULE WITH TECH MEMO ON RISK MANAGEMENT CONSIDERATIONS FOR OPERABLE UNIT (OU) 3, SITES 8, 11 AND 12 {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL	FFA NFA RISK TECH MEMO	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_017

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M60050 / 003230 NONE PUB NOTICE NONE 00014	02-14-2005 **12-01-1998** NONE	MCAS EL TORO GENERAL PUBLIC	DRAFT FACT SHEET: PROPOSED PLAN FOR THE CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD BASE INFO REPOSITORY		008 011 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 002308 002-008 RPT N68711-92-D-4670 00420	12-22-1998 **12-14-1998** 00178 01.1	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	DRAFT PLANNING DOCUMENTS (WORK PLANS, FIELD SAMPLING PLANS, QAPP, IDWMP, DMP, S&HP, RAWPA) FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL	DMP FS IDWMP QAPP RI SSHP WORK PLAN	007 014 016 OU 3B	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 002317 LTR NONE 00002	04-06-1999 **12-21-1998** NONE 10.1	DTSC T. MAHMOUD MCAS EL TORO J. JOYCE	COMMENTS ON TECHNICAL MEMORANDUM ON RISK MANAGEMENT FOR OU-3 SITES 8, 11 AND 12		COMMENTS NFA TECH MEMO	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_017
M60050 / 002383 CTO-0155/0402 PLAN N68711-92-D-4670 00018	04-13-1999 **02-04-1999** 00155 02.1	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	DRAFT FINAL PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD INFO REPOSITORY	PROPOSED PLAN SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_013

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M60050 / 002384 LTR N68711-92-D-4670 00008	04-13-1999 **02-05-1999** 00161 01.6	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION G. STEINWAY	REVISED COST ESTIMATES FOR THE OU-3A PROPOSED PLAN, SITE 8 UNIT 3 ALTERNATIVES 2 THROUGH 5, AND SITES 11 AND 12 ALTERNATIVE 4 - DTD 2/99	ADMIN RECORD	COST OU PROPOSED PLAN	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002389 CTO-0155/0412 LTR N68711-92-D-4670 00015	04-13-1999 **02-19-1999** 00155 10.1	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	RESPONSE TO COMMENTS DRAFT PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD	CLEANUP COMMENTS RESPONSE SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002390 LTR NONE 00016	04-13-1999 **02-22-1999** NONE 10.1	DTSC J. HUFF MCAS EL TORO J. JOYCE	COMMENTS ON DRAFT FINAL PROPOSED PLAN	ADMIN RECORD	COMMENTS PROPOSED PLAN	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002717 CERT. MAIL NO. P115386417 LTR NONE 00005	06-04-2002 **03-08-1999** NONE	MCAS EL TORO J. JOYCE US EPA - SAN FRANCISCO G. KISTNER	REQUEST FOR CHANGES TO FEDERAL FACILITIES AGREEMENT SCHEDULE FOR PRIMARY DOCUMENTS, SCHEDULE FOR OPERABLE UNIT 2C AGREED UPON DURING 4 MARCH 1999 BCT PHONE CONFERENCE, WITH ADDDITIONAL EXTENSION REQUEST FOR OPERABLE UNITS 2B AND 3 W/ENCLOSURE	ADMIN RECORD BASE	BCT BRAC FFA LF MAG RD LANDFIL QAPP ROD	002 003 005 007 008 011 012 014 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002718 CERT. MAIL NO. P115386418 LTR NONE 00005	06-04-2002 **03-08-1999** NONE	MCAS EL TORO J. JOYCE DTSC - CYPRESS J. SCANDURA	REQUEST FOR CHANGES TO FEDERAL FACILITIES AGREEMENT SCHEDULE FOR PRIMARY DOCUMENTS, SCHEDULE FOR OPERABLE UNIT 2C AGREED UPON DURING 4 MARCH 1999 BCT PHONE CONFERENCE, WITH ADDDITIONAL EXTENSION REQUEST FOR OPERABLE UNITS 2B AND 3 W/ENCLOSURE	ADMIN RECORD BASE	BCT BRAC FFA LF MAG RD LANDFIL QAPP ROD	002 003 005 007 008 011 012 014 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002719 CERT. MAIL NO. P115386419 LTR NONE 00005	06-04-2002 **03-08-1999** NONE	MCAS EL TORO J. JOYCE CRWQCB - RIVERSIDE P. HANNON	REQUEST FOR CHANGES TO FEDERAL FACILITIES AGREEMENT SCHEDULE FOR PRIMARY DOCUMENTS, SCHEDULE FOR OPERABLE UNIT 2C AGREED UPON DURING 4 MARCH 1999 BCT PHONE CONFERENCE, WITH ADDDITIONAL EXTENSION REQUEST FOR OPERABLE UNITS 2B AND 3 W/ENCLOSURE	ADMIN RECORD BASE	BCT BRAC FFA LF MAG RD LANDFIL QAPP ROD	002 003 005 007 008 011 012 014 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 000003 NONE LTR NONE 00056	08-03-1999 **03-16-1999** NONE 03.6	SPORTS ENVIRONMENTAL R. LENEKER NAVFAC - SOUTHWEST DIVISION D. DEMARS	PRELIMINARY DRAFT HISTORICAL RADIOLOGICAL ASSESSMENT	ADMIN RECORD	AOC BCP BRAC CERCLA EOD HRA NPL PCB RCRA VOC	001 002 003 005 008 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010

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M60050 / 002395 LTR N68711-92-D-4670 00023	04-13-1999 **03-17-1999** 00155 10.1	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR CLEANUP	ADMIN RECORD	COMMENTS OU PROPOSED PLAN RESPONSE SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002396 CTO-0155/0446 PLAN N68711-92-D-4670 00018	04-13-1999 **03-17-1999** 00155 03.3	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	REVISED DRAFT FINAL - PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD INFO REPOSITORY	LF METALS PAH PCB PETROLEUM PROPOSED PLAN ROD SOIL SVOC VOC	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002402 MISC N68711-92-D-4670 00010	05-03-1999 **04-20-1999** 00178 10.1	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	RESPONSES TO COMMENTS ON THE DRAFT PLANNING DOCUMENTS (WORK PLANS, FIELD SAMPLING PLANS, QAPP, S&HP, RAWPA) FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	COMMENTS RESPONSE	007 014 OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002404 0037-0043 MISC N68711-92-D-4670 00450	05-03-1999 **04-20-1999** 00178 01.1	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	FINAL PLANNING DOCUMENTS (WORK PLANS, FIELD SAMPLING PLANS, QAPP, IDWMP, DMP, S&HP, RAWPA) FOR THE PHASE II REMEDIAL INVESTIGATION/ FEASIBILITY STUDY	ADMIN RECORD	DMP FS IDWMP QAPP RA RI SSHP WORK PLAN	007 014 016 OU 3B	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET

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M60050 / 002724 NONE CORRESP NONE 00004	06-04-2002 **04-27-1999** NONE	DTSC & DEPT OF HEALTH SERVICES T. MAHMOUD & D. BAILEY MCAS EL TORO J. JOYCE	TRANSMITTAL OF COMMENTS ON THE RESPONSE TO REGULATOR COMMENTS ON THE DRAFT FINAL RADIOLOGICAL STATUS SURVEY (DRAFT FINAL RADIOLOGICAL STATUS SURVEY AND COMMENTS WERE NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD BASE	COMMENTS HRA RADIATION RESPONSE	HANGAR 296 HANGAR 297 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026

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M60050 / 002406 LTR NONE 00008	05-03-1999 **04-29-1999** NONE 03.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	REQUEST FOR CHANGES IN FEDERAL FACILITY AGREEMENT SCHEDULE - THIRTY DAY EXTENSION FOR SUBMITTAL OF THE DRAFT FINAL PROPOSED PLAN FOR OPERABLE UNITS 1 AND 2A GROUNDWATER REMEDIATION (SEE AR #2705 - DTSC RESPONSE)	ADMIN RECORD	FFA GW PROPOSED PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017

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M60050 / 002535 SER EP4275/22585 MISC NONE 00005	10-05-2001 **04-30-1999** NONE	ENVIRONMENTAL HEALTH CENTER P. GILLOOLY NAVFAC - SOUTHWEST DIVISION M. POUND	COMMENTS ON THE TECHNICAL MEMORANDUM, REVISED RISK ASSESSMENT PROCEDURES (SEE AR #1515 - TECH MEMO)	ADMIN RECORD BASE	COMMENTS RISK SOIL TECH MEMO	OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06! IMAGED TORO_023
M60050 / 000055 NONE RPT NONE 00082	08-04-1999 **05-01-1999** NONE 03.4	SUPERVISOR SHIPBUILDING NAVFAC - SOUTHWEST DIVISION	DRAFT HISTORICAL RADIOLOGICAL ASSESSMENT AT SITES 3, 5 AND 8 (COMMENTS CAN BE REFERENCED AT AR #356)	ADMIN RECORD	IRP NPL OU RAB RCRA SARA VOC	003 005 008	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000421 CTO-0155/0482 PLAN N68711-92-D-4670 00030	04-19-2000 **05-01-1999** 155-2	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	FINAL PROPOSED PLAN - FOR CLEANUP AT THREE SHALLOW SOIL SITES (MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL	ARAR GW LF METALS NFA OU PAH PCB PESTICIDES PP REMEDIAL ACTIO ROD SOIL SVOC VOC	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014

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M60050 / 000040 NONE MEMO NONE 00001	08-04-1999 **05-06-1999** NONE 10.3	ORANGE COUNTY REGISTER PUBLIC INTEREST	PUBLIC NOTICE OF PUBLIC REVIEW AND COMMENT PERIOD FOR CLEANUP AT OU-3, SITES 8, 11 AND 12	ADMIN RECORD	BRAC IRP PUBNOT SOIL	008 011 012	SOUTHWEST DIVISION - BLDG. 1 SW01013101 IMAGED TORO_014
M60050 / 000043 NONE MEMO NONE 00001	08-04-1999 **05-06-1999** NONE 10.3	LOS ANGELES TIMES PUBLIC INTEREST	PUBLIC NOTICE OF PUBLIC REVIEW AND COMMENT PERIOD FOR CLEANUP AT OU-3, SITES 8, 11 AND 12	ADMIN RECORD	BRAC IRP PUBNOT SOIL	008 011 012	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_014
M60050 / 002407 PLAN NONE 00029	05-04-1999 **05-06-1999** NONE 03.3	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	FINAL PROPOSED PLAN FOR CLEANUP	ADMIN RECORD	OU PROPOSED PLAN SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002707 NONE LTR NONE 00003	06-03-2002 **05-18-1999** NONE	DTSC - CYPRESS T. MAHMOUD MCAS EL TORO J. JOYCE	COMMENTS ON DRAFT REPORT EVALUATION OF PERCHLORATE IN GROUNDWATER (SEE AR #2403 - EVALUATION & #57 - RESPONSE TO COMMENTS)	ADMIN RECORD BASE	COMMENTS GW LF MONITORING MW PERCHLORATE WELLS	001 002 003 005 017 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002708 NONE LTR NONE 00001	06-03-2002 **05-20-1999** NONE	CRWQCB - RIVERSIDE P. HANNON MCAS EL TORO J. JOYCE	WATER BOARD CONCURS WITH DRAFT EVALUATION OF PERCHLORATE IN GROUNDWATER BUT REQUESTS FURTHER INVESTIGATION AT THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #2403 - EVALUATION & #57 - RESPONSE TO COMMENTS)	ADMIN RECORD BASE	COMMENTS GW MONITORING MW PERCHLORATE WATER WELLS	001 002 003 005 017 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 000056 NONE MEMO NONE 00004	08-04-1999 **05-26-1999** NONE 10.4	HAHN & BOWERSOCK CORP J. BURGNER NAVFAC - SOUTHWEST DIVISION	TRANSCRIPT OF 5/26/99 PUBLIC COMMENT MEETING FOR PROPOSED PLAN FOR CLEANUP	ADMIN RECORD	MTG MINS PUBNOT SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000066 NONE MM NONE 00148	08-04-1999 **05-26-1999** NONE 10.5	MCAS EL TORO PUBLIC INTEREST	PUBLIC INFORMATION MATERIALS FOR PUBLIC MEETING HELD 5/26/99 ON PROPOSED PLAN FOR CLEANUP AT OPERABLE UNIT 3, SITES 8, 11 AND 12	ADMIN RECORD	IRP RAB SOIL VOC WATER WELLS	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000422 CTO-0155/0471 PLAN N68711-92-D-4670 00021	04-19-2000 **06-01-1999** 155-2	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	SIGN-OFF VERSION FINAL PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD	METALS NFA OU PAH PCB PESTICIDES REMEDIAL ACTIO SLUDGE SOIL SVOC	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014

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M60050 / 000072 CTO-0164/0024 RPT N68711-92-D-4670 00150	08-04-1999 **06-03-1999** 00164 05.1	BNI D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	DRAFT - RECORD OF DECISION FOR OPERABLE UNIT 3A, SITES 8, 11 AND 12 (COMMENTS CAN BE REFERENCED AT REF. #112 & #406)	ADMIN RECORD	AOC CERCLA FFA FS IAS IRP NPL OCWD OSHA PCB PCE RCRA RI ROD SVOC TCE TPH VOC	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 000060 NONE LTR NONE 00005	08-04-1999 **06-07-1999** NONE 03.1	EL TORO MASTER DEVELOPMENT PRO C. WIERCIOCH MCAS EL TORO J. JOYCE	COMMENTS ON PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES (SEE AR #2383 - PROPOSED PLAN)	ADMIN RECORD	COMMENTS ROD SOIL	002 008 011 012 017 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000064 NONE LTR NONE 00002	08-04-1999 **06-07-1999** NONE 05.4	BL ASSOCIATES C. BENNETT MCAS EL TORO J. JOYCE	COMMENTS BY RESTORATION ADVISORY BOARD COMMUNITY CO-CHAIR ON THE PROPOSED PLAN (SEE AR #2383 - PROPOSED PLAN)	ADMIN RECORD	CERCLA COMMENTS ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010

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M60050 / 000077 CTO-0153/0135 RPT N68711-92-D-4670 01200	08-04-1999 **06-07-1999** 00153 03.4	BECHTEL NATIONAL, INC. J. WIEGAND NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL CERCLA GROUNDWATER MONITORING PLAN, VOLUMES 1 AND 2	ADMIN RECORD	DMP GW IDWMP LF METALS MONITORING PCB QAPP SAP SSHP VOC WELLS	002 003 005 017 018 024 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 000061 NONE LTR NONE 00006	08-04-1999 **06-15-1999** NONE 10.1	US DEPT. OF THE INTERIOR J. BARTEL BRAC EL TORO J. JOYCE	DEPT. OF INTERIOR COMMENTS ON PROPOSED PLAN FOR CLEANUP AT AT THREE SHALLOW SOIL SITES (SEE AR #2383 - PROPOSED PLAN)	ADMIN RECORD	COMMENTS LF PAH PCB ROD SOIL VOC	002 008 011 012 017 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000356 NONE LTR NONE 00008	04-13-2000 **06-18-1999** NONE	DTSC - CYPRESS T. MAHMOUD NAVFAC - SOUTHWEST DIVISION J. JOYCE	COMMENTS ON THE DRAFT HISTORICAL RADIOLOGICAL ASSESSMENT DATED MAY 1999 (WITH ENCLOSURE) (DRAFT HRA CAN BE REFERENCED AT REF. #55)	ADMIN RECORD INFO REPOSITORY	COMMENTS EOD HRA LF RADIUM ROD	001 002 008 017	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014
M60050 / 002512 SW5248 RPT N68711-93-D-1459 00027	09-17-2001 **07-09-1999** DO 112	OHM REMEDIATION D. RAWAL NAVFAC - SOUTHWEST DIVISION L. HORNECKER	TANK CLOSURE REPORT - ABOVEGROUND STORAGE TANK 862	ADMIN RECORD BASE	AST CLOSURE DISPOSAL FUEL SLUDGE SOIL SOIL BORING TANK	012 AST 862 BLDG. 496 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021

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M60050 / 002728 NONE CORRESP NONE 00005	06-04-2002 **07-15-1999** NONE	DEPT OF HEALTH SERVICES D. BAILEY DTSC - CYPRESS T. MAHMOUD	TRANSMITTAL OF COMMENTS ON THE TECHNICAL MEMORANDUM, RADIONUCLIDES IN GROUNDWATER (COMMENTS ON THE TECHNICAL MEMORANDUM WAS NOT SUBMITTED TO ADMINISTRATIVE RECORDS)	ADMIN RECORD BASE	COMMENTS GW LF RADIATION	002 003 005 017 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026
M60050 / 000059 CTO-0164/0053 RPT N68711-92-D-4670 00016	08-04-1999 **07-19-1999** 00164 10.1	BECHTEL NATIONAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	DRAFT RESPONSIVENESS SUMMARY ASSOCIATED WITH DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3, SITES 8, 11, AND 12 (REF. A.R. #72)	ADMIN RECORD	COMMENTS LF ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000104 NONE MISC NONE 00003	09-08-1999 **08-02-1999** NONE 10.1	DTSC - CYPRESS T. MAHMOUD MCAS EL TORO J. JOYCE	DTSC COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3A, SITES 8, 11 AND 12 (REF. A.R. #72)	ADMIN RECORD	COMMENTS LF ROD SOIL	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013
M60050 / 000137 CTO-0155/0563 MM N68711-92-D-4670 00020	09-09-1999 **08-04-1999** 00155 10.4	BECHTEL NATIONAL INC T. HEIRONIMUS VARIOUS AGENCIES	RESTORATION ADVISORY BOARD SUBCOMMITTEE MEETING MINUTES AND RAB MEMBER DOCUMENT COMMENTS PRESENTED AT THE 7/28/99 RAB MEETING	ADMIN RECORD	COMMENTS MTG MINS RAB	001 002 003 005 008 012 017 018 024	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013

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M60050 / 000112 NONE MISC NONE 00010	09-09-1999 **08-12-1999** NONE 10.1	EL TORO MASTER DEVELOPMENT PRO M. LAPIN MCAS EL TORO D. GOULD	LOCAL REDEVELOPMENT AUTHORITY COMMENTS ON THE DRAFT RECORD OF DECISION FOR SITES 8, 11 AND 12 (REF. A.R. #72 & #406)	ADMIN RECORD	COMMENTS LF ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013
M60050 / 000406 NONE LTR NONE 00005	04-19-2000 **08-12-1999** NONE	U.S. EPA, SAN FRANCISCO, CA G. KISTNER NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION (ROD) (REPORT AND COMMENTS CAN BE REFERENCED AT REF. #72 & #112)	ADMIN RECORD	ARAR COMMENTS HRA LF OU PCB RCRA ROD	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014
M60050 / 002507 SW7535 MISC N68711-93-D-1459 00010	09-17-2001 **08-18-1999** DO 112	NAVFAC - SOUTHWEST DIVISION L. HORNECKER US EPA, DTSC, RWQCB KISTNER, MAHMOUD, HANNON	SUPPLEMENTAL INFORMATION ANOMALY AREA 3 (ALSO KNOWN AS MSC R1) [POSSIBLE REFUSE AREA] FOR THE PLANNED SITE VISIT OF 25 AUGUST 1999	ADMIN RECORD BASE	APHO DISPOSAL FOST GW PERCHLORATE SOIL SV SVE	001 024 ANOMALY AF BLDG. 368 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 000127 NONE MISC NONE 00002	09-09-1999 **08-19-1999** NONE 10.1	CRWQCB SANTA ANA P. HANNON MCAS EL TORO D. GOULD	CRWQCB COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3 SITES 8, 11 AND 12 (SEE AR #72)	ADMIN RECORD	COMMENTS ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013

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M60050 / 000143 CTO-0178/0076 RPT N68711-92-D-4670 02530	09-09-1999 **09-07-1999** 00178 03.4	BECHTEL NATIONAL, INC. J. SCHOLFIELD VARIOUS AGENCIES	DRAFT PHASE II REMEDIAL INVESTIGATION REPORT, ATTACHMENTS O AND P, FOR OPERABLE UNIT 3B, SITES 7 & 14 (INCLUDES REPLACEMENT COVER PAGES FOR VOLS II & III, DATED MARCH 2000 - CTO 0178/0107-2) {SEE AR #363 - DTSC COMMENTS}	ADMIN RECORD INFO REPOSITORY	METALS RI SOIL VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 002876 NONE LTR NONE 00001	12-09-2002 **09-09-1999** NONE	LOCAL REDEVELOPMENT AUTHORITY P. MODANLOU US EPA - SAN FRANCISCO G. KISTNER	COMMENTS AND CONCERNS THE LOCAL REDEVELOPMENT AUTHORITY WOULD LIKE ADDRESSED BEFORE FINALIZATION OF THE DRAFT RECORD OF DECISION FOR SITE 11	ADMIN RECORD BASE	CANCER REMEDIAL ACTIO ROD	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 000176 CTO-0164/0092 MISC N68711-92-D-4670 00025	09-27-1999 **09-15-1999** 00164 10.1	BECHTEL NATIONAL INC T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION G. TINKER	RESPONSE TO COMMENTS ON THE DRAFT RECORD OF DECISION FOR OU-3A, SITES 8, 11 AND 12 (REF. A.R. #000072)	ADMIN RECORD	COMMENTS ROD	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-002 IMAGED TORO_013
M60050 / 000177 CTO-0164/0091 RPT N68711-92-D-4670 00204	09-27-1999 **09-17-1999** 00164 05.1	BECHTEL NATIONAL INC T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION G. TINKER	DRAFT FINAL - RECORD OF DECISION FOR OU-3A, SITE 11 - REPLACEMENT PAGES TRANSMITTED ON 9/29/99 AND 10/1/99 WERE INSERTED IN THIS DOCUMENT ON 10/8/99 (SEE AR #2978 - FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES)	ADMIN RECORD	ROD SOIL	011 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-002 IMAGED TORO_013

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M60050 / 002877 NONE LTR NONE 00003	12-09-2002 **09-28-1999** NONE	LOCAL REDEVELOPMENT AUTHORITY P. MODANLOU NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR SITE 11 (SEE AR #177 - ROD)	ADMIN RECORD BASE	CANCER COC COMMENTS FFA ROD	011 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 000238 NONE RPT NONE 00102	12-27-1999 **10-01-1999** NONE 01.1	NAVFAC - SOUTHWEST DIVISION D. GOULD VARIOUS AGENCIES	DRAFT FINAL HISTORICAL RADIOLOGICAL ASSESSMENT (HRA) (COMMENTS CAN BE REFERENCED AT AR #355 AND #468)	ADMIN RECORD	HRA VOC	001 002 003 005 008 012 017 025	SOUTHWEST DIVISION - BLDG. 1 BX-003 IMAGED TORO_013
M60050 / 000221 NONE CORRESP NONE 00004	11-22-1999 **10-07-1999** NONE 01.1	DTSC - CYPRESS A. GIMENO MCAS EL TORO D. GOULD	REVIEW OF THE SUMMARY REPORT FOR SOLID WASTE MANAGEMENT UNIT (SWMU) 94, DATED SEPTEMBER 2, 1999 WITH CONCURRENCE ON NO FURTHER ACTION (NFA) STATUS DESIGNATION. (SEE AR #267 - RESPONSES TO REGULATOR COMMENTS)	ADMIN RECORD	NFA RCRA RFA SWMU	008 021 025 BLDG. 320 SWMU 105 SWMU 94	SOUTHWEST DIVISION - BLDG. 1 SW05032401
M60050 / 000358 NONE LTR NONE 00009	04-13-2000 **11-04-1999** NONE	U.S EPA, SAN FRANCISCO, CA G. KISTNER NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON DRAFT PHASE II REMEDIAL INVESTIGATION REPORT, ATTACHMENTS O AND P DATED 9/7/99 (WITH ATTACHMENT) {SEE AR #143 - REPORT}	ADMIN RECORD INFO REPOSITORY	COMMENTS COPC GW HHRA OU PAH PESTICIDES PRG RI SVOC VOC	002 003 005 007 014 017 OU 2B OU 2C OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014

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M60050 / 000363 NONE LTR NONE 00003	04-14-2000 **11-08-1999** NONE	DTSC - CYPRESS A. GIMENO NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PHASE II REMEDIAL INVESTIGATION REPORT (RI), ATTACHMENTS O AND P VOLUMES I-III DATED SEPTEMBER 1999 (SEE AR #143 - RI REPORT)	ADMIN RECORD	COMMENTS OU RI	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07(IMAGED TORO_021
M60050 / 000233 NONE PLAN NONE 00146	12-27-1999 **12-14-1999** NONE 03.3	MCAS EL TORO BCT VARIOUS AGENCIES	DRAFT BASE REALIGNMENT AND CLOSURE BUSINESS PLAN (REFERENCE AR #296 COMMENTS ON DRAFT BRAC BUSINESS PLAN; AR #311 - FINAL BRAC BUSINESS PLAN; AR #313 RESPONSE TO COMMENTS ON DRAFT BRAC BUSINESS PLAN)	ADMIN RECORD	BCT BRAC CLOSURE	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 1 BX-003 IMAGED TORO_017

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M60050 / 000273 NONE CORRESP NONE 00008	03-15-2000 **12-15-1999** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD RAB, COMMITTEE CHAIRMAN G. HURLEY	RESPONSE TO RESTORATION ADVISORY BOARD (RAB) COMMITTEE CHAIRMAN COMMENTS DATED 11/2/99, TO THE BASE REALIGNMENT AND CLOSURE (BRAC) PLAN (REFERENCE AR #377 - COMMENTS BY TECHNICAL REVIEW COMMITTEE & AR #2392 BRAC CLEANUP PLAN)	ADMIN RECORD INFO REPOSITORY	APHO BCP COMMENTS HRA IRP RFA TRC UST	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013
M60050 / 000265 SWDIV SER 06CC.KF/0780 LTR NONE 00020	03-09-2000 **12-21-1999** NONE	NAVFAC - SOUTHWEST DIVISION D. SAKAMOTO DTSC, CYPRESS, CA J. SCANDURA	LAND USE COVENANT AGREEMENTS AND RECORDS OF DECISION (RODS). (WITH ENCLOSURES) - (RESPONSE TO 12/21/99 LETTER TO DTSC CAN BE REFERENCED AT REF. #349)	ADMIN RECORD INFO REPOSITORY	LANDFILL LUC ROD	002 003 005 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013

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M60050 / 000326 SW7184 RPT N68711-93-D-1459 00178	04-10-2000 **12-29-1999** DO112	OHM REMEDIATION G. BERGER NAVFAC - SOUTHWEST DIVISION	SITE ASSESSMENT REPORT - FORMER FIREFIGHER TRAINING BURN PIT MISCELLANEOUS SITE OF CONCERN (MSC)	ADMIN RECORD	BTEX MSC RI SVOC TPH VOC	016 MSC B2 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-005 IMAGED TORO_018
M60050 / 000276 NONE LTR NONE 00013	03-20-2000 **01-04-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE - REQUEST A CHANGE TO THE APPENDIX A SCHEDULE FOR PRIMARY DOCUMENTS. (WITH ENCLOSURES) (RESPONSE FROM EPA & DTSC CAN BE REFERENCED AT REF. #269 & #415)	ADMIN RECORD	EOD FFA RI	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013
M60050 / 000269 NONE LTR NONE 00003	03-10-2000 **01-11-2000** NONE	U.S. EPA, SAN FRANCISCO, CA G. KISTNER NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO JANUARY 4, 2000 FEDERAL FACILITY AGREEMENT (FFA) EXTENSION REQUEST. (NAVY EXTENSION REQUEST & RESPONSE CAN BE REFERENCED AT REF. #276 & #415)	ADMIN RECORD INFO REPOSITORY	FFA OU	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013
M60050 / 000415 NONE LTR NONE 00002	04-19-2000 **01-11-2000** NONE	DTSC - CYPRESS J. SCANDURA NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO JANUARY 4, 2000 FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE EXTENSION REQUEST (REFERENCE #269 & #276)	ADMIN RECORD	FFA OU RI	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014

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M60050 / 000441 NONE LTR NONE 00004	04-26-2000 **01-13-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD U.S. EPA, SAN FRANCISCO, CA G. KISTNER	TECHNICAL MEMORANDUM, REMEDIAL ACTION STRATEGY (SEE AR #305 - DTSC COMMENTS, AR #634 - CRWQCB COMMENTS & AR #2430 - LRA COMMENTS)	ADMIN RECORD	PCB REMEDIAL ACTIO REMEDIATION SWMU TECH MEMO	011 OU 3 SWMU 244 SWMU 7	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 000283 NONE LTR NONE 00004	04-03-2000 **01-14-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD DTSC, CYPRESS, CA T. CHESNEY	REQUEST FOR APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS). (WITH ENCLOSURE) {SEE AR #470 - RESPONSE FROM DTSC)	ADMIN RECORD INFO REPOSITORY	ARAR	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013

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M60050 / 000296 NONE LTR NONE 00008	04-04-2000 01-19-2000 NONE	COUNTY OF ORANGE M. LAPIN NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DECEMBER 1999 DRAFT BASE REALIGNMENT AND CLOSURE BUSINESS PLAN (WITH ENCLOSURE) (REFERENCE AR #233 - DRAFT BRAC BUSINESS PLAN; AR #311 FINAL BRAC BUSINESS PLAN; AR #313 RESPONSE TO COMMENTS ON DRAFT BRAC BUSINESS PLAN)	ADMIN RECORD	BCP BCT BRAC COMMENTS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013

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M60050 / 000321 NONE LTR NONE 00005	04-10-2000 **01-24-2000** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	REVIEW OF THE DRAFT BASE REALIGNMENT AND CLOSURE (BRAC) BUSINESS PLAN, DATED DECEMBER 1999	ADMIN RECORD	BCP BRAC COMMENTS OU PCB ROD	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-005 IMAGED TORO_014

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M60050 / 000470 NONE GUID NONE 00018	06-30-2000 **02-03-2000** NONE	DTSC - CTPRESS, CA. T. CHESNEY DTSC MAILING LIST VARIOUS	DEPARTMENT OF TOXIC SUBSTANCES CONTROL RESPONSE TO REQUEST FOR IDENTIFICATION OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) FOR REMEDIATION OF SOIL AND GROUNDWATER ASSOCIATED WITH THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #283 - DON LTR)	ADMIN RECORD INFO REPOSITORY	ARAR BTEX CERCLA DCE FS GW RA SOIL SVOC TCE VOC	016 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 000329 CTO-0178/088 RPT N68711-92-D-4670 00458	04-10-2000 **02-10-2000** 00178	BECHTEL NATIONAL, INC. J. SCHOLFIELD NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II FEASIBILITY STUDY, CRASH CREW TRAINING PIT NO. 2 (INCLUDES TRANSMITTAL LETTERS TO VARIOUS REGULATORS) {SEE AR #487 - COMMENTS BY M. BROWN & ASSOCIATES}	ADMIN RECORD INFO REPOSITORY	FS OU PAH PCB PVC RI SVE SVOC TCA TCE TPE TPH VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-005 IMAGED TORO_013
M60050 / 000325 SW7844 RPT N68711-93-D-1459 00146	04-10-2000 **02-11-2000** DO112	OHM REMEDIATION G. BERGER NAVFAC - SOUTHWEST DIVISION	SITE ASSESSMENT REPORT - FIREFIGHTER TRAINING BURN PIT MISCELLANEOUS SITE OF CONCERN (MSC) [SEE AR #2515 - ADDENDUM TO SITE ASSESSMENT]	ADMIN RECORD	BTEX MSC MTBE RI SVOC TPH VOC	016 MSC B1 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-005 IMAGED TORO_014

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M60050 / 002430 NONE LTR NONE 00002	06-20-2001 **02-14-2000** NONE	EL TORO MASTER DEVELOPMENT PRO M. LAPIN NAVFAC - SOUTHWEST DIVISION D. GOULD	LOCAL REDEVELOPMENT AUTHORITY COMMENTS ON THE TECHNICAL MEMORANDUM, REMEDIAL ACTION STRATEGY FOR THE TRANSFORMER STORAGE AREA (SEE AR #441 - TECH MEMO)	ADMIN RECORD BASE	COMMENTS PCB ROD SOIL TECH MEMO	011 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 000390 NONE LTR NONE 00006	04-18-2000 **02-17-2000** NONE	MASTER DEVLP PROG, SANTA ANA M. LAPIN DTSC, CYPRESS, CA T. CHESNEY	TRANSMITTAL OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS FOR THE PROPOSED REMEDIATION OF SOIL AND GROUNDWATER AT SITE 16, OPERABLE UNIT 3B (PRELIMINARY LIST OF ARARS ATTACHED)	ADMIN RECORD	ARAR COMMENTS DRINKING WATE GW LUFT OU	016 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07: IMAGED TORO_024
M60050 / 000309 CTO-0200/0044 PLAN N68711-92-D-4670 00013	04-06-2000 **03-01-2000** 00200	BECHTEL NATIONAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	DRAFT PROPOSED PLAN FOR NO FURTHER ACTION (INCLUDES TRANSMITTAL LETTERS TO CRWQCB & US EPA) {SEE AR #446 & 493 - LETTER & DTSC COMMENTS}	ADMIN RECORD INFO REPOSITORY	NFA OU PAH SVOC TPH VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-005 IMAGED TORO_014

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M60050 / 000311 SW8053 PLAN N68711-93-D-1459 00146	04-06-2000 **03-01-2000** DO 65	OHM REMEDIATION NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE (BRAC) BUSINESS PLAN (REFERENCE AR #233 - DRAFT BRAC BUSINESS PLAN; AR #296 - COMMENTS ON DRAFT BRAC BUSINESS PLAN; AR #313 - RESPONSE TO COMMENTS ON DRAFT BRAC BUSINESS PLAN)	ADMIN RECORD	BRAC CLOSURE DISPOSAL FOSL HRA PCB PCE RCRA ROD SVE TCE UST VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 BLDG. 656 BLDG. 791 BLDG. 83 BLDG. 839 BLDG. 873 OU 1 OU 2 OU 2A OU 2B OU 2C	SOUTHWEST DIVISION - BLDG. 1 BX-005 IMAGED TORO_014

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M60050 / 000477 NONE LTR NONE 00053	07-06-2000 **03-02-2000** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	DEPARTMENT OF TOXIC SUBSTANCES CONTROL RESPONSE TO REQUEST FOR IDENTIFICATION OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS) FOR REMEDIATION OF SOIL AND GROUNDWATER ASSOCIATED WITH THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #283 - DON LTR)	ADMIN RECORD INFO REPOSITORY	ARAR BCP CANCER FS GW HW LF SOIL VOC WATER	016 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_014
M60050 / 000331 CTO-0178/0107 RPT N68711-92-D-4670 00380	04-12-2000 **03-07-2000** 00178	BECHTEL NATIONAL INC. J. SCHOLFIELD NAVFAC - SOUTHWEST DIVISION R. SELBY	FINAL PHASE II REMEDIAL INVESTIGATION REPORT ATTACHMENTS O & P (VOLS. II & III, WERE NOT REVISED AND ARE CONSIDERED "FINAL" AS OF 3/7/00, SEE AR #143 - DRAFT RI REPORT; INCLUDES TRANSMITAL LETTERS TO DTSC, CRWQCB, & EPA) - SEE AR #667 FOR COMMENTS	ADMIN RECORD INFO REPOSITORY	AOC BCT DDD DDE DDT DQO FS IRP PAH PCB PRG RCRA RFA RI SOW SVOC SWMU TPH TRPH VOC	007 014 024 025 BLDG. 295 BLDG. 296 BLDG. 297 OU 3B	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET

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M60050 / 000446 SWDIV SER 06CC.DG/159 LTR NONE 00004	04-27-2000 **03-08-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD VARIOUS AGENCIES	DRAFT PROPOSED PLAN DATED MARCH 2000 SENT TO REGULATORS FOR REVIEW AND COMMENTS {SEE AR #309 & 493 - DRAFT PROPOSED PLAN & DTSC COMMENTS}	ADMIN RECORD INFO REPOSITORY	OU PROPOSED PLAN	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 000487 NONE LTR NONE 00002	07-14-2000 **04-14-2000** NONE	M. BROWN & ASSOCIATES M. BROWN NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS FROM MICHAEL S. BROWN & ASSOCIATES ON BEHALF OF THE CITY OF IRVINE ON THE DRAFT PHASE II FEASIBILITY STUDY (SEE AR #329 - DRAFT PHASE II FS)	ADMIN RECORD INFO REPOSITORY	DCA FS GW MW PCE SOIL TCA TCE WATER	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 002878 NONE MISC NONE 00008	12-09-2002 **04-18-2000** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PHASE II FEASIBILITY STUDY FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #329 - FS)	ADMIN RECORD BASE	BCT BRAC COMMENTS FS GW SOIL SVE TCE VOC WATER WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 002879 NONE MISC NONE 00003	12-09-2002 **04-18-2000** NONE	US EPA - SAN FRANCISCO G. KISTNER NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PHASE II FEASIBILITY STUDY FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #329 - FS)	ADMIN RECORD BASE	ARAR COMMENTS DRINKING WATE FS GW POTW ROD SDWA SVE TCE TPH	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 003071 NONE FAX NONE 00003	05-03-2004 **04-18-2000** NONE	BL ASSOCIATES C. BENNETT NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PHASE II FEASIBILITY STUDY (FS)	ADMIN RECORD BASE	COMMENTS DCA FS GW PCE TCA TCE WATER	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 002869 NONE MISC NONE 00003	12-09-2002 **04-19-2000** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PHASE II FEASIBILITY STUDY FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #329 - FS)	ADMIN RECORD BASE	ARAR BTEX COMMENTS FS GW SOIL TCE TPH	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 003373 NONE CORRESP NONE 00002	10-26-2005 **04-25-2000** NONE	DTSC - CYPRESS S. FAIR BRAC D. GOULD	REVIEW AND APPROVAL OF THE FINAL PHASE II REMEDIAL INVESTIGATION REPORT ATTACHMENTS O AND P	ADMIN RECORD BASE	ACID BRAC COMMENTS DISPOSAL OU RI	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 000449 NONE MISC NONE 00114	06-26-2000 **05-01-2000** NONE	ROY F. WESTON, INC. B. CHRISTENSEN NAVFAC - SOUTHWEST DIVISION	FINAL HISTORICAL RADIOLOGICAL ASSESSMENT (HRA)	ADMIN RECORD INFO REPOSITORY	AOC BCP BRAC EBS ES FFA FS HRA IAS NFA PA PCB RAB RCRA RFA RI SARA SWMU VOC	001 002 003 005 008 012 017 AOC 264 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 295 BLDG. 296 BLDG. 297 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 000493 NONE LTR NONE 00007	07-24-2000 **05-16-2000** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PROPOSED PLAN DATED MARCH 2000 (WITH ENCLOSURE - ADDITIONAL COMMENTS FROM KIMBERLY FOREMAN PUBLIC PARTICIPATION SPECIALIST) {SEE AR #309 & 446 - DRAFT PROPOSED PLAN & LETTER}	ADMIN RECORD INFO REPOSITORY	COMMENTS PROPOSED PLAN	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013

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M60050 / 000450 CTO-0178/0141 PLAN N68711-92-D-4670 00328	06-26-2000 **06-08-2000** 00178	BECHTEL NATIONAL INC. S. BLANCHARD NAVFAC - SOUTHWEST DIVISION	DRAFT PHASE II WORK PLAN FOR THE MULTI-PHASE EXTRACTION PILOT STUDY, CRASH CREW TRAINING PIT NO. 2 (INCLUDES TRANSMITTAL LETTERS TO VARIOUS REGULATORS; DCN# - SER 06CC.DG/444) {SEE AR #2817 - CRWQCB COMMENTS}	ADMIN RECORD INFO REPOSITORY	BCP BCT BRAC COC DCA DCE DMP DQO FS GW IDWMP JP-5 PAH PID PVC QAPP RI SOIL SOP SSHP SVE SVM SVOC TCE TPH VOA VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_017
M60050 / 000525 NONE XMTL NONE 00003	09-06-2000 **06-12-2000** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER VARIOUS BCT MEMBERS	PROPOSED WELL CONSTRUCTION PROCEDURES FOR REPLACEMENT MONITORING WELLS	ADMIN RECORD	GW MW UST WATER WELLS	003 005 012 024	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014

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M60050 / 002880 NONE MISC NONE 00004	12-10-2002 **06-26-2000** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PHASE II WORK PLAN FOR THE MULTI-PHASE EXTRACTION PILOT STUDY FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #450 - WORK PLAN)	ADMIN RECORD BASE	COMMENTS MPE SOIL SVE VOC WELLS WORK PLAN	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 000479 CTO-0200/0089 PLAN N68711-92-D-4670 00017	07-13-2000 **07-01-2000** 00200	BECHTEL NATIONAL INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PROPOSED PLAN FOR OPERABLE UNIT (INCLUDES CONSOLIDATED RESPONSE TO COMMENTS ON DRAFT PROPOSED PLAN; COMMENTS FROM U.S. EPA & DTSC)	ADMIN RECORD INFO REPOSITORY	ARSENIC CANCER COMMENTS COPC ERA GW HERBICIDE METALS NFA PAH PESTICIDES PUBNOT RI ROD SOIL SVOC TPH TRPH VOC	007 014 BLDG. 245 BLDG. 246 BLDG. 296 BLDG. 297 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 002817 NONE MISC NONE 00002	09-30-2002 **07-10-2000** NONE	CRWQCB - RIVERSIDE J. BRODERICK NAVFAC - SOUTHWEST DIVISION D. GOULD	CRWQCB COMMENTS ON THE DRAFT PHASE II WORK PLAN FOR THE MPE PILOT STUDY, CRASH CREW TRAINING PIT NO. 2 (SEE AR #450 - DRAFT WORK PLAN)	ADMIN RECORD BASE	BGS COMMENTS GW SOIL SOIL BORING WELLS WORK PLAN	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 000497 CTO-0178/0152 PLAN N68711-92-D-4670 00316	08-03-2000 **07-17-2000** 00178	BECHTEL NATIONAL, INC. S. BLANCHARD NAVFAC - SOUTHWEST DIVISION	FINAL PHASE II WORK PLAN FOR THE MPE PILOT STUDY, CRASH CREW TRAINING PIT NO. 2 (INCLUDES REPLACEMENT PAGES; 4-5, 4-6, 4-11, 4-12, C-1, & C-2 [ATTACHMENT C], DATED 1/2/01) {SEE AR #759 - CRWQCB COMMENTS & AR #761 - PROPOSED MODIFICATIONS}	ADMIN RECORD INFO REPOSITORY	DCA DCE DQO FS MPE PAH PVC SVE SVOC TCE TPH VGAC VOA VOC WORK PLAN	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 000551 NONE PLAN NONE 00249	10-18-2000 **07-24-2000** NONE	ROY F. WESTON, INC. B. CHRISTENSEN NAVFAC - SOUTHWEST DIVISION	DRAFT RADIOLOGICAL SURVEY PLAN - REVISION 1 DATED JULY 2000 INCLUDES TRANSMITTAL LETTER TO VARIOUS AGENCIES (SEE AR #2737 - LRA COMMENTS)	ADMIN RECORD INFO REPOSITORY	AOC RADIATION SSHP	001 002 003 005 008 012 017 025 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014

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M60050 / 000759 NONE LTR NONE 00002	03-23-2001 **08-14-2000** NONE	CRWQCB - RIVERSIDE J. BRODERICK MCAS EL TORO D. GOULD	CRWQCB REVIEW OF THE FINAL PHASE II WORK PLAN FOR THE MPE PILOT STUDY, CRASH CREW TRAINING PIT NO. 2 (SEE AR #497 - WORK PLAN & AR #2417 - RESPONSE)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS GW SOIL SVE TPH VOC WELLS WORK PLAN	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018
M60050 / 002737 NONE LTR NONE 00014	06-04-2002 **08-31-2000** NONE	LOCAL REDEVELOPMENT AUTHORITY R. RICHARDSON MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT RADIOLOGICAL SURVEY PLAN (SEE AR #551 - PLAN)	ADMIN RECORD BASE	BACKGROUND COMMENTS EOD HRA LF RADIATION SOIL	001 002 003 005 017 BLDG. 296 BLDG. 297 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 000528 CTO-0200/0132 PLAN N68711-92-D-4670 00010	09-26-2000 **09-01-2000** 00200	BECHTEL NATIONAL INC. NAVFAC - SOUTHWEST DIVISION	FINAL PROPOSED PLAN FOR OPERABLE UNIT 3 (INCLUDES MAILING LIST, PARTS OF WHICH SHOULD BE CONSIDERED CONFIDENTIAL) - SEE AR #666 FOR COMMENTS	ADMIN RECORD CONFIDENTIAL	ARSENIC CANCER COMMENTS HERBICIDE METALS NFA PAH PESTICIDES PLAN PUBNOT RI RISK ROD SOIL SVOC TPH VOC	007 014 BLDG. 245 BLDG. 296 BLDG. 297 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 002417 SWDIV SER 06CC.DG/595 LTR NONE 00003	06-01-2001 **09-06-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB - RIVERSIDE J. BRODERICK	RESPONSE TO COMMENTS ON THE FINAL WORK PLAN MPE PILOT STUDY FOR THE CRASH CREW PIT NO. 2 (SEE AR #759 - CRWQCB COMMENTS)	ADMIN RECORD BASE	BCT COMMENTS GW MW RESPONSE TCE TPH VOC WELLS WORK PLAN	016 024 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002738 NONE CORRESP NONE 00002	06-04-2002 **09-08-2000** NONE	ORANGE COUNTY WATER DISTRICT R. HERNDON NAVFAC - SOUTHWEST DIVISION D. GOULD	REQUEST THAT DEPARTMENT OF NAVY PROVIDE ACCESS TO AND NECESSARY LABOR/EQUIPMENT TO PURGE AND SAMPLE MONITORING WELLS FOR RADIONUCLIDE ANALYSIS BY LAWRENCE LIVERMORE NATIONAL LABORATORY	ADMIN RECORD BASE	DATA MW RADIATION WELLS	018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026

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M60050 / 002418 SWDIV SER 06CC.DG/596 MISC NONE 00005	06-01-2001 **09-12-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD REGULATORY AGENCIES VARIOUS REGULATORS	TRANSMITTAL OF DRAFT WORK PLAN PHASE II REMEDIAL INVESTIGATION, EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #529 - DRAFT WORK PLAN)	ADMIN RECORD BASE	COMMENTS DISPOSAL EOD ORDNANCE RI WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 001368 SWDIV SER 06CC.DG/597 LTR NONE 00005	04-17-2001 **09-25-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD US EPA, DTSC, CRWQCB KISTNER, SCANDURA, BRODERICK	REQUEST FOR EXTENSION TO THE FEDERAL FACILITY AGREEMENT FOR PRIMARY DOCUMENTS ASSOCIATED WITH THE CRASH CREW PIT #2 (SEE AR #1389 - REPLY BY EPA & #2431 - REPLY BY CRWQCB)	ADMIN RECORD	FFA FS ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 001389 NONE LTR NONE 00001	04-17-2001 **10-10-2000** NONE	US EPA - SAN FRANCISCO G. KISTNER MCAS EL TORO D. GOULD	USEPA LETTER GRANTING EXTENSION TO THE FEDERAL FACILITY AGREEMENT FOR PRIMARY DOCUMENTS ASSOCIATED WITH THE CRASH CREW PIT #2 (SEE AR #1368 - ORIGINAL LETTER)	ADMIN RECORD	FFA ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 002431 NONE LTR NONE 00001	06-20-2001 **10-10-2000** NONE	CRWQCB - RIVERSIDE J. BRODERICK NAVFAC - SOUTHWEST DIVISION D. GOULD	CRWQCB CONCURS WITH REQUEST FOR EXTENSION TO THE FEDERAL FACILITY AGREEMENT FOR PRIMARY DOCUMENTS ASSOCIATED WITH THE CRASH CREW PIT #2 (SEE AR #1368 - ORIGINAL LETTER)	ADMIN RECORD BASE	FFA	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 000554 SWDIV SER 06CC.DG/843 LTR NONE 00004	10-23-2000 **10-17-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB, SANTA ANA REGION J. BRODERICK	FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE EXTENSION REQUEST FOR DRAFT RECORD OF DECISION (ROD), DROP TANK DRAINAGE AREA #2 AND BATTERY ACID DISPOSAL AREA W/ ENCLOSURE (SEE AR #2432 - RESPONSE FROM CRWQCB)	ADMIN RECORD BASE INFO REPOSITORY	DISPOSAL FFA OU ROD TANK	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 000557 SWDIV SER 06CC.DG/850 LTR NONE 00009	10-24-2000 **10-19-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD US EPA, DTSC, CRWQCB G. KISTNER, J. BRODERICK, J. S	LETTER TO REGULATORS REQUESTING AN EXTENSION TO THE FEDERAL FACILITIES AGREEMENT (FFA) FOR PRIMARY DOCUMENTS FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #2433 - RESPONSE FROM DTSC)	ADMIN RECORD BASE INFO REPOSITORY	EOD EXTENSION FFA HRA ORDNANCE UXO	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 000553 NONE LTR NONE 00001	10-23-2000 **10-20-2000** NONE	USEPA, SAN FRANCISCO G. KISTNER NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO NAVY'S FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE EXTENSION REQUEST DATED SEPTEMBER 25, 2000 FOR DRAFT PROPOSED PLAN AND RECORD OF DECISION (ROD), CRASH CREW PIT #2	ADMIN RECORD BASE INFO REPOSITORY	FFA OU ROD SITE	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 003348 NONE CORRESP NONE 00001	10-26-2005 **10-24-2000** NONE	USEPA - SAN FRANCISCO G. KISTNER D. GOULD BRAC	APPROVAL OF REQUEST FOR REVISION AND EXTENTION TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR THE EXPLOSIVE ORDINANCE DISPOSAL (EOD) RANG	ADMIN RECORD BASE	EOD EPA EXTENTION FFA	001 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 000604 NONE MISC NONE 00175	12-26-2000 **10-25-2000** NONE	RESTORATION ADVISORY BOARD NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS - PUBLIC MEETING, PROPOSED PLAN - NO FURTHER ACTION DATED 10/25/00 INCLUDES PUBLIC MEETING AGENDA, PUBLIC MEETING OVERVIEW, FORMAL PRESENTATION/PUBLIC COMMENT MEETING, PUBLIC MEETING TRANSCRIPT, MATERIALS, AND HANDOUTS	ADMIN RECORD	BRAC IRP MTG MINS NFA OU RAB UST VOC	007 014 024 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_014
M60050 / 000611 NONE MISC NONE 00048	01-03-2001 **10-25-2000** NONE	HAHN & BOWERSOCK CORPORATION J. BURGNER NAVFAC - SOUTHWEST DIVISION	FORMAL PRESENTATION/PUBLIC COMMENT MEETING TRANSCRIPT, PROPOSED PLAN - NO FURTHER ACTION	ADMIN RECORD BASE	BCT COMMENTS NFA OU PAH RI ROD SVOC VOC	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015
M60050 / 000612 NONE MISC NONE 00005	01-03-2001 **10-25-2000** NONE	HAHN & BOWERSOCK CORPORATION J. BURGNER NAVFAC - SOUTHWEST DIVISION	COMMENTS SUBMITTED TO REPORTER TRANSCRIPT, PROPOSED PLAN - NO FURTHER ACTION	ADMIN RECORD BASE	COMMENTS NFA	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015
M60050 / 002432 NONE LTR NONE 00001	06-20-2001 **10-30-2000** NONE	CRWQCB - RIVERSIDE J. BRODERICK NAVFAC - SOUTHWEST DIVISION D. GOULD	CRWQCB CONCURS WITH REQUEST FOR EXTENSION TO THE FEDERAL FACILITY AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE DROP TANK DRAINAGE AREA AND THE BATTERY ACID DISPOSAL AREA (SEE AR #554 - REQUEST)	ADMIN RECORD BASE	DISPOSAL FFA TANK	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 000586 CTO-0164/0197 MISC N68711-92-D-4670 00383	11-27-2000 **11-01-2000** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #692 - COMMENTS BY DTSC, AR #694 - COMMENTS BY LRA, AR #1305 - COMMENTS BY CRWQCB, & #1478 - COMPILED RESPONSES)	ADMIN RECORD BASE	AOC ARAR ARSENIC COPC DDD DDE DDT DISPOSAL DQO FFA FS GW HERBICIDE IAS LF LUFT METALS MONITORING MW NFA PAH PCB PCE PESTICIDES PUBNOT RAB ROD SB SOIL SVE SVOC SWMU TCE TPH TRPH	007 014 016 018 024 025 BLDG. 245 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-009 IMAGED TORO_014

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					VOC WELLS		
M60050 / 002433 NONE LTR NONE 00003	06-20-2001 **11-03-2000** NONE	DTSC - CYPRESS J. SCANDURA NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR EXTENSION TO THE FEDERAL FACILITY AGREEMENT FOR PRIMARY DOCUMENTS ASSOCIATED WITH THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #557 - ORIGINAL LETTER)	ADMIN RECORD BASE	CLOSURE EOD FFA ORDNANCE RCRA	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 000666 NONE LTR NONE 00017	02-20-2001 **11-08-2000** NONE	LOCAL REDEVELOPMENT AUTHORITY R. RICHARDSON MCAS EL TORO D. GOULD	COMMENTS ON THE PROPOSED PLAN FOR OPERABLE UNIT 3 (SEE AR #528 - PROPOSED PLAN) - SEE AR #528 FOR PROPOSED PLAN	ADMIN RECORD BASE	ARSENIC CANCER COMMENTS DISPOSAL GW METALS PAH PESTICIDES SOIL SOLVENTS SVOC TPH VOC WATER	007 014 BLDG. 245 BLDG. 296 BLDG. 297 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018

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M60050 / 000667 NONE MEMO NONE 00011	02-20-2001 **11-08-2000** NONE	GEOSYNTEC CONSULTANTS B. PALMER LOCAL REDEVELOPMENT AUTHORITY P. MODANLOU	COMMENTS ON THE FINAL PHASE II REMEDIAL INVESTIGATION REPORT; ATTACHMENT O - DROP TANK DRAINAGE AREA NO. 2 & ATTACHMENT P - BATTERY ACID DISPOSAL AREA (SEE AR #331 - RI REPORT)	ADMIN RECORD BASE	ARSENIC CANCER COMMENTS DISPOSAL DUST GW METALS PAH PESTICIDES RI RISK SOIL SOLVENTS SVOC TANK TPH VOC	007 014 BLDG. 245 BLDG. 296 BLDG. 297 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018
M60050 / 000613 NONE PLAN NONE 00327	01-04-2001 **11-13-2000** NONE	ROY F. WESTON, INC. B. CHRISTENSEN NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL RADIOLOGICAL SURVEY PLAN - REVISION 2 DATED NOVEMBER 2000 INCLUDES RESPONSE TO COMMENTS ON THE DRAFT RADIOLOGICAL SURVEY PLAN (*SEE COMMENTS) {SEE AR #675 - DHS COMMENTS & #981 - LRA COMMENTS}	ADMIN RECORD BASE INFO REPOSITORY	AOC IRP RAB ROD SSHP	001 002 003 005 008 012 017 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015

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M60050 / 002907 SWDIV SER 06CC.DG/967 LTR NONE 00002	01-27-2003 **11-22-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD DTSC - CYPRESS J. SCANDURA	NOTIFICATION TO DTSC THAT SINCE NO RESPONSE WAS RECEIVED REGARDING THE EXTENSION FOR PRIMARY DOCUMENTS FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE THE NAVY DEEMS THAT THE REQUEST IS APPROVED	ADMIN RECORD BASE	BCT RCRA	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 000621 CTO-0200/0183 MM N68711-92-D-4670 00075	01-10-2001 **11-29-2000** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL MEETING MINUTES FROM THE BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING INCLUDES: AGENDA, OVERHEAD PROJECTIONS, PHOTOGRAPHS, AND VARIOUS ATTACHMENTS	ADMIN RECORD BASE	ASBESTOS BCP BRAC CANCER DATA EBS GW MONITORING MTG MINS NFA ORDNANCE PCB RAB REMOVAL ROD SOLVENTS TANK UXO VOC WELLS	001 003 008 011 012 016 018 024 ANOMALY AF BLDG. 307	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015

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M60050 / 001110 NONE LTR NONE 00008	03-29-2001 **12-01-2000** NONE	DTSC - CYPRESS T. CHESNEY & J. KIM MCAS EL TORO D. GOULD	REVIEW OF THE RESPONSE TO COMMENTS ON THE DRAFT PROJECT WORK PLAN - PRE-DESIGN ACTIVITIES AND DEBRIS DISPOSAL, REVISION 1 (SEE AR #517 - DOCUMENT & #552- RESPONSE TO COMMENTS)	ADMIN RECORD BASE	AIR COMMENTS DISPOSAL EOD LF OHS RESPONSE SOIL SOLVENTS SVE VOC WORK PLAN	001 003 005 024 OU 2A OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 000761 SWDIV SER 06CC.DG/993 MISC NONE 00008	03-26-2001 **12-06-2000** NONE	MCAS EL TORO D. GOULD CRWQCB, DTSC, & US EPA BRODERICK, CHESNEY, & KISTNER	PROPOSED MODIFICATIONS TO FINAL PHASE II WORK PLAN FOR THE MPE PILOT STUDY, CRASH CREW TRAINING PIT NO. 2 (SEE AR #497 - FINAL MPE PILOT STUDY)	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC COC GW SOIL SVE TCE WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018
M60050 / 000700 NONE LTR NONE 00004	02-22-2001 **12-21-2000** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	DTSC COMMENTS ON THE DRAFT WORK PLAN, PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE (SEE AR #836 - DRAFT WORK PLAN)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS DISPOSAL EOD GW LF METALS ORDNANCE RADIONUCLIDES VOC WELLS	001 002 003 005 017 024 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018

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M60050 / 000702 NONE MEMO NONE 00004	02-22-2001 **12-22-2000** NONE	ENVIRONMENTAL MGMT. BRANCH D. BAILEY DTSC - CYPRESS T. CHESNEY	DHS COMMENTS ON THE DRAFT WORK PLAN, PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE (SEE AR #836 - DRAFT WORK PLAN)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD GW LF METALS MONITORING ORDNANCE RADIONUCLIDES WATER	001 002 003 005 017 024 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018
M60050 / 000616 SWDIV SER 06CC.DG/1031 LTR NONE 00011	01-05-2001 **12-27-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB, SANTA ANA REGION J. BRODERICK	DON HAS CONCLUDED THAT NPDES PERMIT IS NOT REQUIRED TO DISCHARGE TREATED GROUNDWATER RESULTING FROM PILOT STUDY AT THE CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE	CERCLA IRP NCP OU PERMIT	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015

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M60050 / 000637 GS-10F-0227J RPT N68711-00-F-0102 00569	01-24-2001 **01-12-2001** NONE	CDM FEDERAL PROGRAMS CORP. R. CLIFFORD NAVFAC - SOUTHWEST DIVISION	DRAFT GROUNDWATER MONITORING REPORT - JUNE 2000 MONITORING ROUND 12 (SEE AR #2742 - DTSC COMMENTS & #2743 - CRWQCB COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	COPC DCA DCE DQO FS GW METALS MONITORING MTBE MW PCE PERCHLORATE QA QAPP QC REMEDIAL ACTIO RFA RI ROD SAP SOP SVOC TCA TCE VOC WATER WELLS	001 002 003 005 007 014 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_017
M60050 / 000694 NONE LTR NONE 00020	02-22-2001 **01-19-2001** NONE	LOCAL REDEVELOPMENT AUTHORITY G. SIMON MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #586 - DRAFT ROD)	ADMIN RECORD BASE INFO REPOSITORY	ARSENIC CANCER COMMENTS PAH ROD TPH	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018

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M60050 / 000692 NONE CORRESP NONE 00004	02-22-2001 **01-22-2001** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #586 - DRAFT ROD)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS DISPOSAL GW MONITORING ROD SOIL TANK VOC WELLS	007 014 018 024 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018
M60050 / 000961 NONE LTR NONE 00005	03-29-2001 **01-22-2001** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	DTSC COMMENTS ON THE DRAFT BASE REALIGNMENT AND CLOSURE (BRAC) BUSINESS PLAN, DATED DECEMBER 2000 (SEE AR #233 - BUSINESS PLAN)	ADMIN RECORD BASE INFO REPOSITORY	AST BRAC COMMENTS FFA FOSL NPL OU PCB ROD SVE	002 005 008 016 017 018 024 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 787 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018
M60050 / 001322 NONE LTR NONE 00001	03-29-2001 **01-24-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX MCAS EL TORO D. GOULD	US EPA RESPONSE TO REQUEST FOR A CHANGE TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE WITH AN 18-WEEK EXTENSION FOR SUBMITTAL OF DRAFT RECORD OF DECISION AND DRAFT PROPOSED PLAN - USEPA GRANTS REQUEST	ADMIN RECORD BASE INFO REPOSITORY	FFA FS ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_022

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M60050 / 001319 NONE LTR NONE 00003	03-29-2001 **01-25-2001** NONE	DTSC - CYPRESS J. SCANDURA MCAS EL TORO D. GOULD	DTSC RESPONSE TO REQUEST FOR A CHANGE TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE WITH AN 18-WEEK EXTENSION FOR SUBMITTAL OF DRAFT RECORD OF DECISION AND DRAFT PROPOSED PLAN - DTSC GRANTS REQUEST	ADMIN RECORD BASE INFO REPOSITORY	FFA FS GW ROD SOIL WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_022
M60050 / 000687 NONE LTR NONE 00001	02-21-2001 **01-26-2001** NONE	CRWQCB - RIVERSIDE J. BRODERICK MCAS EL TORO D. GOULD	LETTER INFORMING BASE THAT REGIONAL WATER BOARD IS SENDING AN AUTHORIZATION TO DISCHARGE TREATED GROUNDWATER FROM THE PILOT STUDY EVEN THOUGH AUTHORIZATION WAS NOT REQUESTED	ADMIN RECORD BASE	GW NPDES WATER	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018
M60050 / 000859 SWDIV SER 06CC.DG/0142 PLAN NONE 00331	03-27-2001 **01-29-2001** NONE	ROY F. WESTON, INC. B. CHRISTENSEN NAVFAC - SOUTHWEST DIVISION	FINAL RADIOLOGICAL SURVEY PLAN, REV. 3 - INCLUDES RESPONSE TO AGENCY COMMENTS ON THE DRAFT FINAL RADIOLOGICAL SURVEY PLAN (DHS, US EPA & EL TORO LRA COMMENTS ON THE DRAFT FINAL) [INCLUDES SWDIV TRANSMITTAL LETTER] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	AOC APHO DATA DQO EOD GW HRA LF QAPP RADIATION RADIONUCLIDES SOIL SSHP UXO	001 002 003 005 012 017 025 ANOMALY AF APHO 38 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 295 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 1 SW05101901 IMAGED TORO_025

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M60050 / 000639 CTO-0164/0215 MISC N68711-92-D-4670 00054	02-01-2001 **01-31-2001** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT RESPONSIVENESS SUMMARY WHICH INCLUDES: RESPONSES TO WRITTEN COMMENTS RECEIVED DURING THE PUBLIC COMMENT PERIOD, ATTACHMENT A, AND RESPONSES TO COMMENTS RECEIVED AT THE PUBLIC MEETING (SEE AR #958 - COMMENTS & #1478 - COMPILED RESPONSES TO COMMENTS)	ADMIN RECORD BASE	ARSENIC BCT BRAC CANCER COMMENTS COPC GW HERBICIDE LF METALS NCP PAH PCB PESTICIDES RESPONSE RI RISK ROD SB SOIL SVOC TPH TRPH VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_017

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M60050 / 002829 SWDIV SER 06CC.DG/0155 MISC NONE 00013	11-19-2002 **02-07-2001** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD US EPA, SF & VARIOUS N. MOUTOUX & DISTRIBUTION	TRANSMITTAL OF THE GROUNDWATER MONITORING PROGRAM ROUND 13 POINT PAPER (SEE AR #2744 - CRWQCB COMMENTS)	ADMIN RECORD BASE	BCT BRAC GW MONITORING MW RD REMEDIAL ACTIO WELLS	001 002 003 005 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 001109 NONE LTR NONE 00003	03-29-2001 **02-08-2001** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	DTSC IS SATISFIED PREVIOUS COMMENTS HAVE BEEN ADEQUATELY ADDRESSED IN THE FINAL WORK PLAN, PAVEMENT DEMOLITION ACTIVITIES AT THE ORIGINAL LANDFILL AND METALLIC DEBRIS DISPOSAL AT THE FORMER EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #618 - FINAL WORK PLAN)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS DISPOSAL EOD LF WORK PLAN	001 003 OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07 IMAGED TORO_018
M60050 / 002419 SWDIV SER 06CC.DG/0182 CORRESP NONE 00003	06-01-2001 **02-14-2001** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD DTSC - CYPRESS J. SCANDURA & K. BAKER	RESPONSE TO LETTER OF 12/15/00 IN WHICH DTSC REQUESTED THAT THE DON SUBMIT A RCRA CLOSURE PLAN COVERING THE AREA INDENTIFIED IN THE RCRA PERMIT APPLICATION FOR OPEN BURN/OPEN DETONATION TREATMENT OF EXPLOSIVE ORDNANCE (ORIGINAL LETTER NOT IN DATABASE)	ADMIN RECORD BASE INFO REPOSITORY	CLOSURE EOD FFA H&SP ORDNANCE PERMIT RCRA WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET

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M60050 / 002515 SW9490 RPT N68711-93-D-1459 00266	09-17-2001 **02-15-2001** DO 70	OHM REMEDIATION J. ERICKSON NAVFAC - SOUTHWEST DIVISION	ADDENDUM TO SITE ASSESSMENT REPORT - FIREFIGHTER TRAINING BURN PIT MISCELLANEOUS SITE OF CONCERN (MSC) B1 (SEE AR #325 - SITE ASSESSMENT)	ADMIN RECORD BASE	ARSENIC BRAC BTEX GPR LUFT METALS MTBE PRG QA QC SOIL SOIL BORING TPH UST VOC	016 MSC B1 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_014
M60050 / 001266 NONE LTR NONE 00001	03-29-2001 **02-16-2001** NONE	CRWQCB - RIVERSIDE J. BRODERICK MCAS EL TORO D. GOULD	CRWQCB HAS NO SIGNIFICANT COMMENTS ON THE DRAFT WORK PLAN, PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE (SEE AR #836 - DRAFT WORK PLAN)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD GW LF WORK PLAN	001 002 003 005 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 001305 NONE LTR NONE 00001	03-29-2001 **02-16-2001** NONE	CRWQCB - RIVERSIDE J. BRODERICK MCAS EL TORO D. GOULD	CRWQCB COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #586 - DRAFT ROD)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS DISPOSAL PETROLEUM REMEDIAL ACTIO ROD TANK TPH TRPH WATER	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018

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M60050 / 002484 CTO-0164/0243 LTR N68711-92-D-4670 00027	08-27-2001 **02-21-2001** 00164	CRWQCB - RIVERSIDE G. THIBEAULT NAVFAC - SOUTHWEST DIVISION D. GOULD	AUTHORIZATION TO DISCHARGE WASTEWATER RESULTING FROM GROUNDWATER CLEANUP ACTIVITIES AT THE CRASH CREW PIT NO. 2 (ORDER NO. 96-18, NPDES NO. CAG918001)	ADMIN RECORD BASE	DISPOSAL GW MONITORING SOLVENTS TPH WATER	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019
M60050 / 000981 NONE LTR NONE 00002	03-29-2001 **02-26-2001** NONE	COUNTY OF ORANGE - LRA G. SIMON MCAS EL TORO D. GOULD	LOCAL REDEVELOPMENT AUTHORITY DOES NOT BELIEVE THAT SUBMITTING FURTHER COMMENTS ON THE FINAL RADIOLOGICAL SURVEY PLAN WOULD BE PRODUCTIVE OR APPROPRIATE AT THIS TIME (SEE AR #613 - DRAFT FINAL SURVEY, #675 - COMMENTS ON DRAFT FINAL & #859 - FINAL SURVEY)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS HRA RADIOLOGICAL	001 002 003 005 012 017 025 ANOMALY AF BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 295 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 IMAGED TORO_018

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M60050 / 002742 NONE LTR NONE 00006	06-05-2002 **02-26-2001** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT GROUNDWATER MONITORING REPORT - JUNE 2000 MONITORING ROUND 12 (SEE AR #637 - MONITORING REPORT)	ADMIN RECORD BASE	COMMENTS GW MONITORING MW TCE VOC WELLS	002 003 005 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 000958 NONE MISC NONE 00017	03-27-2001 **03-01-2001** NONE	COUNTY OF ORANGE G. SIMON MCAS EL TORO D. GOULD	COMMENTS BY THE LOCAL REDEVELOPMENT AUTHORITY ON THE DRAFT REPOSIVENESS SUMMARY - FINAL PROPOSED PLAN FOR THE DROP TANK DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #639-REPONSIVENESS SUMMARY)	ADMIN RECORD BASE INFO REPOSITORY	ARSENIC COC COMMENTS DISPOSAL FUEL GW REMEDIAL ACTIO RI SEDIMENTS SOIL TANK TPH TRPH	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018

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M60050 / 002864 NONE PLAN NONE 00165	11-20-2002 **03-01-2001** NONE	NAVFAC - SOUTHWEST DIVISION NAVFAC - SOUTHWEST DIVISION	FINAL BASE REALIGNMENT AND CLOSURE BUSINESS PLAN	ADMIN RECORD	ASBESTOS AST BCP BCT BRAC FS GW IRP LF PAH PCB PIPELINE REMEDIAL ACTIO RFA RI ROD SOIL SVE UST VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025 ANOMALY AF APHO 38 BLDG. 243 BLDG. 296 BLDG. 297 BLDG. 319 BLDG. 360 BLDG. 656 BLDG. 791 BLDG. 83	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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						BLDG. 839 BLDG. 873 MSC R1 OU 1 OU 2A OU 2B OU 2C OU 3 TANK FARM ! UST 364A UST GROUP	
M60050 / 002485 SWDIV SER 06CC.DG/0264 LTR N68711-92-D-4670 00005	08-27-2001 **03-08-2001** 00164	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB - RIVERSIDE J. BRODERICK	RESPONSE TO AUTHORIZATION TO DISCHARGE WASTEWATER AT CRASH CREW TRAINING PIT - DON AND CRWQCB AGREE TO DISAGREE ON WHETHER THIS DISCHARGE IS EXEMPT FROM PERMIT REQUIREMENTS UNDER CERCLA (SEE AR #2484 - RWQCB AUTHORIZATION)	ADMIN RECORD BASE	DISCHARGE GW WATER	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019
M60050 / 002743 NONE LTR NONE 00002	06-05-2002 **03-15-2001** NONE	CRWQCB - RIVERSIDE J. BRODERICK MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT GROUNDWATER MONITORING REPORT - JUNE 2000 MONITORING ROUND 12 (SEE AR #637 - MONITORING REPORT)	ADMIN RECORD BASE	BACKGROUND GW LF METALS MONITORING MW VOC WELLS	002 003 005 017 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 000558 NONE LTR NONE 00019	05-31-2001 **03-19-2001** NONE	DTSC - CYPRESS J. SCANDURA NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO RESPONSE TO COMMENTS ON THE DRAFT FINAL WORK PLAN & HEALTH AND SAFETY PLANS FOR THE PHASE II REMEDIAL INVESTIGATION AT THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #838 - RESPONSE FROM DON, #831 - WORK PLAN, & #826 - H&SP)	ADMIN RECORD BASE INFO REPOSITORY	CHAR COMMENTS EOD GW H&SP ORDNANCE PERCHLORATE PRG RESPONSE SOIL WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 000918 CTO-0178/0193 MEMO N68711-92-D-4670 00493	03-27-2001 **03-19-2001** 00178	BECHTEL NATIONAL, INC. S. BLANCHARD NAVFAC - SOUTHWEST DIVISION	DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY (SEE AR #2099 - CRWQCB COMMENT, #2421 - EPA COMMENTS & #2422 - DTSC COMMENTS)	ADMIN RECORD BASE	DCA DCE DQO FS GW PAH PCE PID SOIL SVE SVOC TCE TECH MEMO TPH VOC WATER WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018

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M60050 / 001521 CTO-0200/0224 MM N68711-92-D-4670 00044	04-26-2001 **03-21-2001** 00200	BECHTEL NATIONAL, INC. B. COLEMAN NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE	BCP BCT BRAC CLOSURE EBS EOD GW LF MTG MINS OE ORDNANCE REMEDIAL ACTIO ROD SOIL SVE TCE UXO VOC	001 002 003 005 011 016 017 024 ANOMALY AF BLDG. 307 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 002744 NONE LTR NONE 00001	06-05-2002 **03-22-2001** NONE	CRWQCB - RIVERSIDE J. BRODERICK MCAS EL TORO D. GOULD	WATER BOARD HAS NO SIGNIFICANT COMMENTS ON THE GROUNDWATER MONITORING PROGRAM ROUND 13 POINT PAPER (SEE AR #2829 - POINT PAPER)	ADMIN RECORD BASE	COMMENTS GW MONITORING	001 002 003 005 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_021

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M60050 / 001324 NONE PLAN N62742-94-D-0048 00183	04-17-2001 **03-29-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN - ORDNANCE AND EXPLOSIVES RANGE EVALUATION, IRP SITE 1, EXPLOSIVE ORDNANCE DISPOSAL RANGE DATED MARCH 2001 (SEE AR #2425 - DTSC COMMENTS AND AR #2571 - RESPONSE TO COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	ARAR DQO EOD ESA FFA FS H&SP NCP NPL ORDNANCE QA QC SOW SWAT UXO VOC WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-013 IMAGED TORO_018
M60050 / 003075 NONE CORRESP NONE 00002	05-03-2004 **03-29-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	NO COMMENTS ON THE DRAFT RESPONSIVENESS SUMMARY PROGRAM	ADMIN RECORD BASE	COMMENTS OU	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-021 IMAGED TORO_025

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M60050 / 001338 NONE MISC DAAD05-97-D-7004 00126	04-17-2001 **04-04-2001** DO124	ROY F. WESTON, INC. NAVFAC - SOUTHWEST DIVISION	UNEXPLODED ORDNANCE (UXO) SURFACE SWEEP WORK PACKAGE FOR THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE, SITE #1, INCLUDES: PART 1 - WORK PLAN, PART 2 - HEALTH & SAFETY PLAN (SEE AR #2214 - EPA COMMENTS & AR #2425 - DTSC COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	ARAR EOD GW H&SP MW NCP NPL ORDNANCE PA PERCHLORATE RADIONUCLIDE RI SARA SOP UXO VOC WELLS WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 001366 FWSD-RAC-01-0498 RPT N68711-98-D-5713 00039	04-17-2001 **04-06-2001** 00022	FOSTER WHEELER H. HAMPARSUMIAN NAVFAC - SOUTHWEST DIVISION	DRAFT PROJECT CLOSEOUT REPORT, REV. 0 - PAVEMENT DEMOLITION ACTIVITIES AT INSTALLATION RESTORATION (IR) SITE 3, AND METALLIC DEBRIS REMOVAL	ADMIN RECORD BASE INFO REPOSITORY	DISPOSAL EOD LF ORDNANCE REMOVAL UXO	001 003 OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 002420 NONE LTR NONE 00001	06-01-2001 **04-11-2001** NONE	EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	NOTIFICATION OF COMMENT PERIOD EXTENSION REQUEST FOR THE UNEXPLODED ORDNANCE (UXO) SURFACE SWEEP WORK PACKAGE FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE WHICH INCLUDES: PART 1 - WORK PLAN, PART 2 - HEALTH & SAFETY PLAN (SEE AR #1338 - SUFACE SWEEP PACKAGE)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD ORDNANCE UXO	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 002421 NONE LTR NONE 00003	06-01-2001 **04-19-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY AT THE CRASH CREW PIT NO. 2 (SEE AR #918 - DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS GW SOIL SOIL BORING SOP SVE TCE TECH MEMO VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002422 NONE LTR NONE 00003	06-01-2001 **04-20-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY AT THE CRASH CREW PIT NO. 2 (SEE AR #918 - DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS GW SOIL SOIL BORING TECH MEMO VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 001478 CTO-0164/0233 MISC N68711-92-D-4670 00037	04-25-2001 **04-23-2001** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	COMPILED RESPONSE TO COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA AND THE BATTERY ACID DISPOSAL AREA (SEE AR #692/#694/#1305 - DTSC/LRA/CRWQCB COMMENTS; #639 - RESPONSIVENESS SUMMARY; #586 - DRAFT RECORD OF DECISION	ADMIN RECORD BASE	ARSENIC BCT COMMENTS GW METALS PAH RAB RESPONSE ROD SOIL SWMU TPH TRPH VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018

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M60050 / 002425 NONE LTR NONE 00009	06-04-2001 **05-02-2001** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT WORK PLAN FOR ORDNANCE AND EXPLOSIVES RANGE EVALUATION AND UNEXPLODED ORDNANCE SURFACE SWEEP WORK PACKAGE FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #1324 - DRAFT WORK PLAN & #1338 - SURFACE SWEEP PACKAGE)	ADMIN RECORD BASE INFO REPOSITORY	AIR COMMENTS EOD GW ORDNANCE REMEDIAL ACTIO SOIL UXO WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002214 NONE LTR NONE 00006	06-01-2001 **05-03-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE EXPLOSIVE ORDNANCE DISPOSAL RANGE EVALUATION WORK PLAN AND THE SURFACE SWEEP WORK PACKAGE FOR THE UNEXPLODED ORDNANCE DISPOSAL RANGE (SEE AR #1338 - SURFACE SWEEP PACKAGE & #1324 - EOD RANGE WORK PLAN)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD H&SP ORDNANCE UXO WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002099 NONE LTR NONE 00001	06-01-2001 **05-15-2001** NONE	CRWQCB - RIVERSIDE P. HANNON MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY AT THE CRASH CREW PIT NO. 2 (SEE AR #918 - DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS SOIL SOIL BORING TECH MEMO	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002427 SWDIV SER 06CC.DG/0523 LTR NONE 00005	06-04-2001 **05-23-2001** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD US EPA - SAN FRANCISCO N. MOUTOUX	REQUEST FOR EXTENSION TO FEDERAL FACILITY AGREEMENT FOR A DRAFT RECORD OF DECISION AND DRAFT PROPOSED PLAN FOR THE CRASH CREW PIT #2	ADMIN RECORD BASE INFO REPOSITORY	BCP BCT BRAC FFA FS GW ROD SOIL TECH MEMO	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 002438 CTO-0200/0245 MM N68711-92-D-4670 00086	06-25-2001 **05-30-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES INCLUDING VARIOUS HANDOUTS AND SITE UPDATES	ADMIN RECORD BASE	BCP BCT BRAC COMMENTS EBS EOD FOST FS GW LF MAG RD LANDFIL MTG MINS ORDNANCE PAH RAB RADIONUCLIDE RESPONSE RI SOIL SVE TCE UST UXO VOC WORK PLAN	001 002 003 005 008 011 012 016 017 018 ANOMALY AF BLDG. 307 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 003491 NONE CORRESP NONE 00003	05-05-2006 **05-30-2001** NONE	DTSC - CYPRESS J. SCANDURA BRAC PMO WEST D. GOULD	DTSC APPROVAL OF THE EXTENSION REQUEST FOR CHANGES TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR OPERABLE UNIT (OU) 3, SITE 16	ADMIN RECORD BASE	FFA OU	016 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 002415 CTO-0200/0228 MM N68711-92-D-4670 00043	05-04-2001 **05-31-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL - BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) 31 MAY 2000 MEETING MINUTES (INCLUDES 3 ATTACHS - RADIONUCLIDE UPDATE BRIEF DTD 3/31/00; CAL. DHS FLOW CHART FOR RADIONUCLIDE ANALYSES; AND MAGAZINE ROAD LANDIFILL BOUNDARY)	ADMIN RECORD INFO REPOSITORY	MTBE MTG MINS RAB TCE	001 002 003 005 007 008 011 012 014 016 017 018 024 OU 1 OU 2A UST 651 GRC UST 651-1 UST 651-2 UST 651-3 UST 651-4	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018

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M60050 / 001512 CTO-0164/0234 & 0234-1 MISC N68711-92-D-4670 00445	04-26-2001 **06-01-2001** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL RECORD OF DECISION FOR NO ACTION SITES - TANK DROP DRAINAGE AREA NO. 2 & THE BATTERY ACID DISPOSAL AREA (THIS DOCUMENT IS CONSIDERED FINAL AS OF JUNE 1, 2001 - NEW SIGNATURE PAGE, REPLACEMENT COVER & TITLE PAGE INSERTED INTO DOCUMENT)	ADMIN RECORD BASE	AOC ARAR BCP BCT BRAC CANCER COC COPC DDD DDE DDT DQO FFA FS GW HERBICIDE LUFT METALS NCP NPL PAH PCB PCE PESTICIDES PRG PUBNOT RAB RFA ROD SEDIMENTS SOIL SVE SVOC SWMU TCE	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_022

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					TPH TRPH VOC WATER		
M60050 / 002434 CTO-0200/0243 & SWDIV SER 06CC.DG/0640 PLAN N68711-92-D-4670 00023	06-20-2001 **06-01-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2552 - EPA COMMENTS & #2554 - DTSC COMMENTS) (INCLUDES TRANSMITTAL LETTER FROM D. GOULD)	ADMIN RECORD BASE	CANCER FUEL GW METALS MONITORING PAH PIM PUBNOT RISK ROD SOIL SOLVENTS SVOC TCE TPH VOC	016 OU 3 UNIT 1 UNIT 2 UNIT 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002745 NONE CORRESP NONE 00002	06-05-2002 **06-04-2001** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	REVIEW OF THE RESPONSE TO COMMENTS ON THE DRAFT GROUNDWATER MONITORING REPORT; JUNE 2000 MONITORING ROUND 12 - DTSC IS SATISFIED THAT THEIR COMMENTS WILL BE ADEQUATELY ADDRESSED IF RESPONSES ARE INCORPORATED INTO THE FINAL	ADMIN RECORD BASE	COMMENTS DATA GW MONITORING RESPONSE	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026
M60050 / 002746 NONE CORRESP NONE 00001	06-05-2002 **06-13-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX MCAS EL TORO D. GOULD	REVIEW OF THE RESPONSE TO COMMENTS ON THE DRAFT GROUNDWATER MONITORING REPORT; JUNE 2000 MONITORING ROUND 12 - EPA FINDS THE RESPONSES COMPLETE AND ARE SATISFIED THAT THEIR CONCERNS HAVE BEEN ADDRESSED	ADMIN RECORD BASE	COMMENTS GW MONITORING RESPONSE	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026

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M60050 / 002444 NONE RPT DAAD05-97-D-7004 00100	07-12-2001 **06-14-2001** DO 124	ROY F. WESTON, INC. NAVFAC - SOUTHWEST DIVISION	FINAL UNEXPLODED ORDNANCE (UXO) SURFACE SWEEP WORK PACKAGE FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE WHICH INCLUDES: PART 1 - WORK PLAN, PART 2 - HEALTH & SAFETY PLAN	ADMIN RECORD BASE INFO REPOSITORY	ARAR BCT BRAC DISPOSAL EOD GW H&SP NCP NPL ORDNANCE PA RI SOIL SOP UXO VOC WELLS WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET

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M60050 / 002437 CTO-0178/0200 RPT N68711-92-D-4670 00470	06-20-2001 **06-18-2001** 00178	BECHTEL NATIONAL, INC. J. SCHOFIELD NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY REPORT FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2553 - EPA COMMENT EXTENSION REQUEST)	ADMIN RECORD BASE	ARAR ARSENIC BCT BRAC COC COPC DCA DCE FFA FOSET FOST FS GW METALS MOA PAH PRG RFA SOIL SVE SVOC TCA TCE TPH TRPH VOC	016 OU 3 UNIT 1 UNIT 2 UNIT 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 002449 SWDIV SER 06CC.DG/0710/0711 0712 MISC N62742-94-D-0048 00040	07-18-2001 **07-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FEDERAL AGENCY-TO-AGENCY PROPERTY TRANSFER - ENVIRONMENTAL SUMMARY DOCUMENT FOR CERTAIN PROPERTY (PARCEL 5A2) [INCLUDES SWDIV TRANSMITTAL LETTER FROM D. GOULD] {SEE AR #2545 - EPA COMMENTS}	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC CLOSURE EA EBS EIS EOD FFA FOSL FOST NCP NPL ORDNANCE RCRA SARA UXO	001 OU 3 PARCEL 5A2	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019

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M60050 / 002450 SWDIV SER 06CC.DG/0710/0711 0712 RPT N62742-94-D-0048 00067	07-18-2001 **07-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT SITE-SPECIFIC ENVIRONMENTAL BASELINE SURVEY REPORT FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE [INCLUDES SWDIV TRANSMITTAL LETTER FROM D. GOULD] {SEE AR #2545 - EPA COMMENTS}	ADMIN RECORD BASE INFO REPOSITORY	AIR COPC DISPOSAL EBS EM EOD FFA FOST FS GPR GW LUFT METALS MW NPL ORDNANCE PCB PERCHLORATE PRG QC RDX SOIL SOP SVOC SWAT TPH TRPH UXO VOC WELLS	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06(IMAGED TORO_019

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M60050 / 002445 NONE RPT N62742-94-D-0048 00250	07-12-2001 **07-05-2001** 00072	EARTH TECH, INC. D. SWENSSON NAVFAC - SOUTHWEST DIVISION	DRAFT TECHNICAL MEMORANDUM PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE (SEE AR #2550 - DTSC COMMENTS & #2748 - EPA COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC COPC EOD GW LF METALS MW ORDNANCE QA QC RADIONUCLIDES SOP TCE TECH MEMO VOC WATER WELLS	001 002 003 004 005 017 024 OU 2A OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 002541 NONE LTR NONE 00001	10-15-2001 **07-05-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	EPA FINDS THAT ALL COMMENTS HAVE BEEN ADEQUATELY ADDRESSED ON THE FINAL UNEXPLODED ORDNANCE (UXO) SURFACE SWEEP WORK PACKAGE FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #2444 - WORK PACKAGE)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD ORDNANCE UXO	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002544 NONE LTR NONE 00003	10-17-2001 **07-10-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE FINAL UNEXPLODED ORDNANCE (UXO) SURFACE SWEEP WORK PACKAGE FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE HAVE BEEN ADEQUATELY ADDRESSED (SEE AR #2444 - WORK PACKAGE)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD ORDNANCE UXO	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002747 NONE LTR NONE 00001	06-05-2002 **07-19-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX MCAS EL TORO D. GOULD	EPA HAS NO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM REPLACEMENT WELL INSTALLATION AND GROUNDWATER EVALUATION (SEE AR #2435 - TECH MEMO)	ADMIN RECORD BASE	COMMENTS GW TECH MEMO WELLS	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002545 NONE LTR NONE 00002	10-17-2001 **07-24-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT SITE-SPECIFIC ENVIRONMENTAL BASELINE SURVEY REPORT AND THE DRAFT FEDERAL AGENCY-TO-AGENCY PROPERTY TRANSFER FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #2449 - TRANSFER, #2450 - BASELINE SURVEY, & #2557 - RESPONSE TO COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EBS EOD ORDNANCE PERCHLORATE PRG SOIL TPH	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_020
M60050 / 002492 CTO-0200/0274 MM N68711-92-D-4670 00053	09-04-2001 **07-25-2001** 00200	BECHTEL NATIONAL, INC. B. COLEMAN NAVFAC - SOUTHWEST DIVISION	25 JULY 2001 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE	BCT BRAC COPC EOD FOST GW LF MTG MINS ORDNANCE PAH PCE RI ROD SEDIMENTS SOIL SOLVENTS SOP TCE UXO	001 002 008 011 012 017 018 024 BLDG. 307 BLDG. 319 BLDG. 360 OU 1 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019

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M60050 / 002480 NONE MEMO NONE 00034	08-15-2001 **07-30-2001** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER CRWQCB - RIVERSIDE P. HANNON	TECHNICAL MEMORANDUM - REMOVAL OF FORMER ABOVE-GROUND STORAGE TANK (AST) 315 (SEE AR #2809 - CRWQCB COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	AOC AST BRAC GW NFA REMOVAL SOIL TANK UST VOC	007 024 AST 315 BLDG. 315 OU 2A OU 3 UNIT 5	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019
M60050 / 002557 NONE MISC N62742-94-D-0048 00003	10-17-2001 **08-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	RESPONSE TO COMMENTS ON THE DRAFT SITE-SPECIFIC ENVIRONMENTAL BASELINE SURVEY REPORT FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE AND DRAFT FEDERAL AGENCY TO AGENCY PROPERTY TRANSFER	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EBS EOD ORDNANCE PRG RESPONSE SOIL TPH	001 OU 3 PARCEL 5A2	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_023

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M60050 / 002558 NONE RPT N62742-94-D-0048 00067	10-17-2001 **08-01-2001** 00072	EARTH TECH, INC. C. WANYOIKE NAVFAC - SOUTHWEST DIVISION	FINAL SITE-SPECIFIC ENVIRONMENTAL BASELINE SURVEY (EBS) REPORT FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE {INCLUDES TRANSMITTAL LETTER TO VARIOUS REGULATORS}	ADMIN RECORD BASE INFO REPOSITORY	AIR COPC EBS EOD GW LUFT METALS ORDNANCE PCB PERCHLORATE PRG SOIL SVOC SWAT TCDD TCDF TPH TRPH VOC	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026
M60050 / 002546 NONE LTR NONE 00019	10-17-2001 **08-06-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT SITE-SPECIFIC ENVIRONMENTAL BASELINE SURVEY REPORT FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #2450 - EBS)	ADMIN RECORD BASE INFO REPOSITORY	BACKGROUND COMMENTS DISPOSAL EBS EOD METALS ORDNANCE PERCHLORATE SOIL	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002550 NONE LTR NONE 00005	10-17-2001 **08-13-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE (SEE AR #2445 - TECH MEMO & #2587 - RESPONSE TO COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD GW LF ORDNANCE RADIONUCLIDES ROD TECH MEMO WATER	001 002 003 005 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002883 NONE MISC NONE 00001	12-10-2002 **08-13-2001** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	RWQCB HAS NO COMMENTS ON THE DRAFT SITE-SPECIFIC ENVIRONMENTAL BASELINE SURVEY REPORT FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE AND THE DRAFT FEDERAL AGENCY-TO-AGENCY PROPERTY TRANSFER - ENVIRONMENTAL SUMMARY DOCUMENT FOR CERTAIN PROPERTY (PARCEL 5A2)	ADMIN RECORD BASE	COMMENTS EOD FOST ORDNANCE	001 OU 3 PARCEL 5A2	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002748 NONE LTR NONE 00002	06-05-2002 **08-14-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE (SEE AR #2445 - TECH MEMO)	ADMIN RECORD BASE	COMMENTS DATA DRINKING WATE EOD GW ORDNANCE RADIONUCLIDES	001 002 003 005 017 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002482 NONE RPT NONE 00066	08-15-2001 **08-15-2001** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER NAVFAC - SOUTHWEST DIVISION	SUMMARY REPORT FOR TEMPORARY ACCUMULATION AREA (TAA) 626 (SEE AR #2487 - COMMENTS BY DTSC)	ADMIN RECORD BASE INFO REPOSITORY	BRAC FUEL GW METALS MW NFA PCB PESTICIDES RFA SEDIMENTS SOIL SOIL BORING STORMWATER SVOC SWMU TAA TPH TRPH UST VOC WELLS	020 BLDG. 626 OU 3 UNIT 4	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019
M60050 / 002552 NONE LTR NONE 00003	10-17-2001 **08-16-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2434 - PROPOSED PLAN)	ADMIN RECORD BASE INFO REPOSITORY	ARAR COMMENTS GW NFA PAH SOIL VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_020

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M60050 / 002553 NONE LTR NONE 00001	10-17-2001 **08-16-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	NOTIFICATION OF COMMENT PERIOD EXTENSION REQUEST FOR THE DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY REPORT FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2437 - FEASIBILITY STUDY)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS FFA FS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002554 NONE LTR NONE 00006	10-17-2001 **08-17-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2434 - PROPOSED PLAN)	ADMIN RECORD BASE INFO REPOSITORY	ARAR CANCER COMMENTS GW METALS SOIL SOLVENTS TCE VOC	016 OU 3 UNIT 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 003497 NONE COMMENTS NONE 00012	05-05-2006 **08-17-2001** NONE	DTSC - CYPRESS T. CHESNEY BRAC PMO WEST D. GOULD	COMMENTS ON THE DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY, CRASH CREW TRAINING PIT NO. 2 (INCLUDES COMMENTS BY ESU DATED 07/31/01)	ADMIN RECORD BASE		016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 002487 NONE LTR NONE 00004	08-27-2001 **08-20-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE SUMMARY REPORT FOR FORMER TEMPORARY ACCUMULATION AREA (TAA) 626 - DTSC CONCURS WITH NO FURTHER ACTION FOR THIS SITE (SEE AR #2482 - REPORT)	ADMIN RECORD BASE INFO REPOSITORY	RFA ROD	020 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019

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M60050 / 002884 NONE MISC NONE 00002	12-10-2002 **08-27-2001** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY REPORT FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2437 - FS)	ADMIN RECORD BASE	COMMENTS FS GW TPH VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002885 NONE MISC NONE 00008	12-10-2002 **09-14-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY REPORT AND THE DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2437 - FS AND #2434 - PROPOSED PLAN)	ADMIN RECORD BASE	ARAR BCT BRAC COMMENTS DRINKING WATE FS GW MPE MW PROPOSED PLAN SOIL SOLVENTS SVE TCE TOC TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002886 NONE MISC NONE 00001	12-10-2002 **09-18-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	EPA HAS NO FURTHER COMMENTS ON THE DRAFT SITE-SPECIFIC ENVIRONMENTAL BASELINE SURVEY REPORT FOR THE EOD RANGE AND THE DRAFT FEDERAL AGENCY-TO-AGENCY PROPERTY TRANSFER - ENVIRONMENTAL SUMMARY DOCUMENT FOR CERTAIN PROPERTY (PARCEL 5A2)	ADMIN RECORD BASE	COMMENTS EBS EOD FOST ORDNANCE	001 OU 3 PARCEL 5A2	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 002566 CTO-0200/0319 MISC N68711-92-D-4670 00186	10-31-2001 **09-19-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) PUBLIC INFORMATION MATERIALS; INCLUDES: AGENDA & PUBLIC NOTICE FOR 19 SEP 2001 MEETING, MEETNG MINUTES AND ATTACHMENTS FROM 25 JUL 2001 MEETING & REGULATORY AGENCY COMMENTS AND LETTERS	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC CLOSURE COMMENTS GW MTG MINS MW PIM PUBNOT RAB SOIL WELLS	002 003 005 008 016 BLDG. 296 BLDG. 307 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002582 CTO-0200/0329 MM N68711-92-D-4670 00070	12-11-2001 **09-19-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	19 SEPTEMBER 2001 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE	BCP BCT BRAC CLOSURE GW LF MAG RD LANDFIL MTG MINS ORDNANCE ROD SOIL SVE VOC WATER WELLS	001 002 003 008 011 012 016 017 024 BLDG. 242 BLDG. 307 BLDG. 319 BLDG. 360 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002555 NONE LTR NONE 00002	10-17-2001 **09-27-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM - REEVALUATION OF RISK AT THE DRMO STORAGE YARD, THE TRANSFORMER STORAGE AREA, AND THE SLUDGE DRYING BEDS (SEE AR #2478 - TECH MEMO)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS NFA PAH PCB PESTICIDES SLUDGE TECH MEMO	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002570 NONE PLAN N62742-94-D-0048 00201	11-26-2001 **10-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL WORK PLAN - ORDNANCE AND EXPLOSIVES RANGE EVALUATION, EXPLOSIVE ORDNANCE DISPOSAL RANGE	ADMIN RECORD BASE INFO REPOSITORY	ARAR BCT BRAC DQO EM EOD FFA NCP NPL ORDNANCE QA QC SARA SWAT UXO VOC WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_023
M60050 / 002571 NONE MISC N62742-94-D-0048 00020	11-26-2001 **10-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	RESPONSE TO COMMENTS ON THE DRAFT WORK PLAN - ORDNANCE AND EXPLOSIVES RANGE EVALUATION, EXPLOSIVE ORDNANCE DISPOSAL RANGE DATED MARCH 2001 {COMMENTS BY DTSC & US EPA} (SEE AR #2425 - DTSC COMMENTS AND AR #1324 - DRAFT WORK PLAN)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS EOD METALS NPL ORDNANCE RESPONSE UXO	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002578 NONE MISC N62742-94-D-0048 00012	12-11-2001 **10-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	RESPONSE TO COMMENTS ON THE DRAFT FINAL WORK PLAN, PHASE II REMEDIAL INVESTIGATION FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (COMMENTS BY DTSC AND DTSC - GEOLOGICAL SERVICES UNIT) {SEE AR #831 - DRAFT FINAL WORK PLAN}	ADMIN RECORD BASE INFO REPOSITORY	BCT COMMENTS EOD FUEL GW ORDNANCE PCB PERCHLORATE PESTICIDES PRG RESPONSE RI SOIL SOLVENTS SVOC TFH VOC	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002583 CTO-0200/0330 MM N68711-92-D-4670 00011	12-11-2001 **10-17-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	17 OCTOBER 2001 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE	BCT BRAC EOD GW MAG RD LANDFIL MTG MINS ORDNANCE RI SOIL UXO WORK PLAN	001 002 016 017 OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002752 NONE LTR NONE 00001	06-06-2002 **10-17-2001** NONE	CRWQCB - RIVERSIDE P. HANNON MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM REPLACEMENT WELL INSTALLATION AND GROUNDWATER EVALUATION (SEE AR #2435 - TECH MEMO)	ADMIN RECORD BASE	COMMENTS GW MW TECH MEMO VOC WELLS	OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002765 NONE LTR NONE 00002	07-01-2002 **10-17-2001** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT WORK PLAN AQUIFER TEST AT THE MAGAZINE ROAD LANDFILL (SEE AR #2538 - WORK PLAN)	ADMIN RECORD BASE	COMMENTS GW IDW MAG RD LANDFIL PERCHLORATE PERMIT SOIL BORING WORK PLAN	002 016 OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002957 GS-10F-0227J & SWDIV SER 06CC.DG/1117 RPT N68711-00-F-0102 00648	04-08-2003 **10-22-2001** NONE	CDM, FEDERAL PROGRAMS CORP. S. THIBEAULT NAVFAC - SOUTHWEST DIVISION	FINAL GROUNDWATER MONITORING REPORT FEBRUARY 2001 MONITORING ROUND 13 - INCLUDES SWDIV TRANSMITTAL LETTER BY DEAN GOULD WITH CONFIDENTIAL DISTRIBUTION LIST	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	DCA DCE MTBE PCE SVOC TCA TCE VOC	002 003 004 005 006 008 009 010 011 012 013 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_024

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M60050 / 002579 NONE PLAN N62742-94-D-0048 00101	12-11-2001 **11-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	FINAL HEALTH AND SAFETY PLAN - PHASE II REMEDIAL INVESTIGATION, EXPLOSIVE ORDNANCE DISPOSAL RANGE	ADMIN RECORD BASE INFO REPOSITORY	ARSENIC BTEX EOD GW H&SP METALS MONITORING ORDNANCE PAH PCB PERCHLORATE PID RI SOIL SOIL BORING SVOC TFH TPH TRPH UST VOC WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_023
M60050 / 002580 NONE MISC N62742-94-D-0048 00003	12-11-2001 **11-01-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	RESPONSE TO COMMENTS ON THE DRAFT FINAL HEALTH AND SAFETY PLAN FOR THE PHASE II REMEDIAL INVESTIGATION AT THE EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #826 - DRAFT FINAL H&SP) {COMMENTS BY DTSC - HUMAN AND ECOLOGICAL RISK DIVISION}	ADMIN RECORD BASE INFO REPOSITORY	AIR COMMENTS EOD FUEL H&SP METALS MONITORING ORDNANCE RESPONSE RI SOIL VOC	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_020

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M60050 / 002569 NONE MISC NONE 00004	11-26-2001 **11-02-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE TECHNICAL MEMORANDUM - FORMER BOMB ASSEMBLY AREA, AMMUNITION SUPPLY POINT; DTSC REQUIRES NO FURTHER ACTION FOR THE AREA (SEE AR #2568 - TECH MEMO)	ADMIN RECORD BASE INFO REPOSITORY	AMMUNITION COMMENTS NFA TECH MEMO	001 002 BLDG. 806 BLDG. 807 BLDG. 808 BLDG. 809 BLDG. 810 OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_019
M60050 / 002766 NONE LTR NONE 00010	07-01-2002 **11-08-2001** NONE	LOCAL REDEVELOPMENT AUTHORITY G. SIMON MCAS EL TORO D. GOULD	COMMENTS FROM GEOSYNTEC, A COMPANY CONTRACTED BY THE COUNTY OF ORANGE, ON THE DRAFT TECHNICAL MEMORANDUM - REEVALUATION OF RISK AT THE DRMO STORAGE YARD, THE TRANSFORMER STORAGE AREA, AND THE SLUDGE DRYING BEDS (SEE AR #2478 - TECH MEMO)	ADMIN RECORD BASE	ARSENIC CANCER COMMENTS NFA PCB PRG SLUDGE SOIL TECH MEMO	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_021
M60050 / 002572 NONE RPT NONE 00088	11-26-2001 **11-16-2001** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER NAVFAC - SOUTHWEST DIVISION	SUMMARY REPORT - SITE 07GN1 - WITHIN THE DROP TANK DRAINAGE AREA NUMBER 2, FORMER TOTAL RECOVERABLE PETROLEUM HYDROCARBON RELEASE	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC GW MTBE ROD SOIL SOIL BORING SOLVENTS TCE TPH TRPH WELLS	007 024 07GN1 BLDG. 310 BLDG. 315 OU 2A OU 3 UNIT 5	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002577 SWDIV SER 06CC.DG/1186 RPT N62742-94-D-0048 00146	12-11-2001 **11-27-2001** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	FINAL WORK PLAN PHASE II REMEDIAL INVESTIGATION, EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #2868 - AMENDMENT NO. 1, 2910 - AMENDMENT NO. 2, 3051 - DRAFT FINAL AMENDMENT NO. 1, 3214 - FINAL AMENDMENT NO. 1 AND 3220 AMENDMENT NO. 3)	ADMIN RECORD BASE INFO REPOSITORY	AIR ARAR BCT BRAC CANCER COPC DQO EOD FFA FOST FUEL GC/MS GW ORDNANCE PCB PERCHLORATE PRG RI SOIL SVOC SWAT TPH TRPH UXO VOC WELLS WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 SW05101901 IMAGED TORO_026

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M60050 / 002598 CTO-0200/0340 MISC N68711-92-D-4670 00234	01-16-2002 **11-28-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS WHICH INCLUDES: RAB MEETING AGENDA/PUBLIC NOTICE, 19 SEPTEMBER MINUTES & 30 MAY SUBCOMMITTEE MEETING MINUTES, RAB MEETING SCHEDULE, NOVEMBER PROPOSED PLAN FOR GROUNDWATER, VARIOUS HANDOUTS, AGENCY COMMENTS AND LETTERS	ADMIN RECORD BASE INFO REPOSITORY	AST BCP BCT BRAC COMMENTS COPC CRP EOD FOSL FOST GW MTG MINS MW NCP NPL ORDNANCE PAH PCB PCE PESTICIDES PIM PUBNOT RAB ROD SOIL SOLVENTS SVE SVOC SWAT SWMU TCE UST VOC WATER WELLS	002 004 006 008 009 010 011 012 013 016 017 018 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002600 SWDIV SER 06CC.DG/1250 CORRESP NONE 00002	01-17-2002 **11-28-2001** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD DTSC - CYPRESS T. CHESNEY	REQUEST FOR EXTENSION TO FEDERAL FACILITIES AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW PIT NO. 2 FOR SIX MONTHS (SEE AR #2770 - EPA RESPONSE)	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC FFA GW MONITORING ROD SOIL	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 SW05072801
M60050 / 002605 CTO-0200/0357 MM N68711-92-D-4670 00086	02-13-2002 **11-28-2001** 00200	BECHTEL NATIONAL, INC. B. COLEMAN NAVFAC - SOUTHWEST DIVISION	28 NOVEMBER 2001 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE	BCT BRAC DQO EOD GW LF MTG MINS ORDNANCE PA PAH RD RI ROD SOIL TCE VOC WELLS	001 002 003 005 008 011 012 016 017 024 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 307 BLDG. 319 BLDG. 360 BLDG. 787 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002588 NONE RPT N62742-94-D-0048 00300	12-13-2001 **12-01-2001** 00072	EARTH TECH, INC. D. SWENSSON NAVFAC - SOUTHWEST DIVISION	FINAL TECHNICAL MEMORANDUM PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL (EOD) RANGE [INCLUDES SWDIV TRANSMITTAL LETTER]	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC COPC EOD GW LF MW ORDNANCE QA QC RADIONUCLIDES SARA TCE TECH MEMO VOC WATER WELLS	001 002 003 004 005 017 018 024 OU 1 OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 1 SW05072801
M60050 / 002770 NONE LTR NONE 00001	07-01-2002 **12-06-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR EXTENSION TO FEDERAL FACILITIES AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW PIT NO. 2 FOR SIX MONTHS - EPA GRANTS REQUEST (SEE AR #2600 - REQUEST)	ADMIN RECORD BASE	FFA FS ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002587 SWDIV SER 06CC.DG/1292 MISC N62742-94-D-0048 00012	12-13-2001 **12-07-2001** 00072	NAVFAC - SOUTHWEST DIVISION D. GOULD DTSC, CRWQCB, & US EPA CHESNEY, HANNON, & MOUTOUX	TRANSMITTAL OF COMPILED RESPONSE TO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL RANGE {COMMENTS BY DHS, LRA, EPA} (SEE AR #2550 - COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS COPC EOD GW LF MW ORDNANCE RADIONUCLIDES RESPONSE WELLS	001 002 003 004 005 017 024 OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 12 SW02062001 - PACKAGE IMAGED TORO_020
M60050 / 003503 NONE CORRESP NONE 00002	05-05-2006 **12-07-2001** NONE	DTSC - CYPRESS J. SCANDURA BRAC PMO WEST D. GOULD	DTSC APPROVAL OF THE EXTENSION REQUEST FOR CHANGES TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR OPERABLE UNIT (OU) 3, SITE 16	ADMIN RECORD BASE	FFA OU	016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 002589 3088.0 MEMO N62474-98-D-2076 00151	12-13-2001 **12-10-2001** 00073	IT CORPORATION D. RAWAL NAVFAC - SOUTHWEST DIVISION L. HORNECKER	TECHNICAL MEMORANDUM - GROUNDWATER ELEVATION INFORMATION FROM SELECTED WELLS	ADMIN RECORD BASE INFO REPOSITORY	DATA GW MW WATER WELLS	001 002 005 009 017 018 OU 1 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002756 NONE RPT NONE 00106	06-06-2002 **12-17-2001** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER DTSC - CYPRESS T. CHESNEY	SUMMARY REPORT - PHANTOM DRUM STORAGE AREA SOLID WASTE MANAGEMENT UNIT 32 [INCLUDES SWDIV TRANSMITTAL FROM L. HORNECKER] (SEE AR #2757 - DTSC COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	DRUMS GW MW STORMWATER SWMU UST WELLS	015 025 BLDG. 31 BLDG. 32 BLDG. 33 BLDG. 34 BLDG. 35 BLDG. 36 BLDG. 37 BLDG. 38 OU 2A OU 3 SWMU 32	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07(IMAGED TORO_021
M60050 / 002606 NONE RPT NONE 00096	03-07-2002 **12-21-2001** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER NAVFAC - SOUTHWEST DIVISION	SUMMARY REPORT - PHANTOM DRUM STORAGE AREA SOLID WASTE MANAGEMENT UNIT 109 (SEE AR #2610 - DTSC COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	DRUMS HAZ MAT HAZ WASTE MW RCRA RFA ROD STORMWATER SWMU UST VOC WATER	008 024 BLDG. 314 BLDG. 379 OU 2A OU 3 SWMU 109	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 088 PALLET 12 - BX-06· IMAGED TORO_020
M60050 / 002830 NONE MISC NONE 00003	11-19-2002 **01-03-2002** NONE	DTSC - CYPRESS J. SCANDURA NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE FINAL WORK PLAN ORDNANCE AND EXPLOSIVES RANGE EVALUATION AT THE EXPLOSIVE ORDNANCE DISPOSAL RANGE - DTSC APPROVES WORK PLAN (SEE AR#2590 - WORK PLAN)	ADMIN RECORD BASE	COMMENTS EOD HAZ WASTE ORDNANCE	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06! IMAGED TORO_021

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M60050 / 002833 NONE MISC NONE 00002	11-19-2002 **01-18-2002** NONE	DEPARTMENT OF HEALTH SERVICES D. BAILEY DTSC - CYPRESS T. CHESNEY	REVIEW OF THE RESPONSE TO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL RANGE - DHS STATES THAT THEIR COMMENTS HAVE BEEN ADEQUATELY ADDRESSED	ADMIN RECORD BASE	COMMENTS EOD GW LF MAG RD LANDFIL MONITORING RADIONUCLIDES RESPONSE TECH MEMO	001 002 003 004 005 017 024 OU 2A OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002607 CTO-0200/0360 MISC N68711-92-D-4670 00188	03-07-2002 **01-30-2002** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) PUBLIC INFORMATION MATERIALS - INCLUDES AGENDA, PUBLIC NOTICE AND MINUTES FROM 19 SEP 2001 MEETING, AGENCY COMMENTS & LETTERS, VARIOUS PRESENTATION AND INFORMATION MATERIALS	ADMIN RECORD BASE INFO REPOSITORY	ASBESTOS BCT BRAC COMMENTS DCA EIS EOD GW LF MAG RD LANDFIL MTG MINS ORDNANCE PCB PIM PUBNOT RAB RD ROD SOIL SOLVENTS TCE	001 002 003 005 008 016 017 ANOMALY AF BLDG. 1789 BLDG. 1803 BLDG. 307 BLDG. 319 BLDG. 360 BLDG. 787 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 088 PALLET 12 - BX-06 IMAGED TORO_020

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M60050 / 002611 CTO-0200/0370 MM N68711-92-D-4670 00064	04-03-2002 **01-30-2002** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	30 JANUARY 2002 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD	BCP BCT BRAC EBS GW METALS MTG MINS ORDNANCE PERCHLORATE ROD RSE SOIL SVOC TPH VOC	001 002 003 005 016 017 ANOMALY AF BLDG. 307 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 088 PALLET 12 - BX-06- IMAGED TORO_020

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M60050 / 002608 GS-10F-0227J & SWDIV SER 06CC/0152 RPT N68711-00-F-0102 00865	03-07-2002 **02-14-2002** NONE	CDM FEDERAL PROGRAMS S. THIBEAULT NAVFAC - SOUTHWEST DIVISION	FINAL GROUNDWATER MONITORING REPORT SEPTEMBER 2001 MONITORING ROUND 14 [INCLUDES SWDIV TRANSMITTAL LETTER BY D. GOULD]	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC DCA DCE DQO GW METALS MONITORING MTBE NFA PCB PCE PERCHLORATE QA QC RCRA RD REMEDIAL ACTIO ROD SAP SOP SOW SVE SVOC TCA TCE UST VOC WATER	001 002 003 005 008 011 012 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026

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M60050 / 002757 NONE LTR NONE 00003	06-06-2002 **02-15-2002** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	COMMENTS ON THE SUMMARY REPORT - PHANTOM DRUM STORAGE AREA SOLID WASTE MANAGEMENT UNIT 32 - DTSC CONCURS WITH THE PROPOSED PHANTOM DESIGNATION AND DELETION OF SWMU 32 (SEE AR #2756 - SUMMARY REPORT)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS DRUMS SWMU	015 025 BLDG. 31 BLDG. 36 OU 2A OU 3 SWMU 32	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021
M60050 / 002772 NONE CORRESP NONE 00001	07-01-2002 **02-21-2002** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR EXTENSION TO SUBMIT THE DRAFT REMEDIAL INVESTIGATION REPORT FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE - EPA GRANTS REQUEST	ADMIN RECORD BASE	COMMENTS EOD FFA ORDNANCE RI WORK PLAN	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026
M60050 / 002803 NONE RPT NONE 00100	08-28-2002 **02-25-2002** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER DTSC - CYPRESS T. CHESNEY	SUMMARY REPORT FOR PHANTOM TEMPORARY ACCUMULATION AREA 831; WITH RECOMMENDATION THAT SITE BE REMOVED FROM LOCATIONS OF CONCERN IN THE BASE REALIGNMENT AND CLOSURE BUSINESS PLAN UPDATE (SEE AR #2807 - DTSC COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	BCP BRAC GW HAZ WASTE MW RCRA RFA TAA	006 BLDG. 166 BLDG. 453 BLDG. 454 BLDG. 636 BLDG. 755 BLDG. 756 BLDG. 831 OU 3 TAA 831	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002835 NONE LTR NONE 00006	11-19-2002 **02-27-2002** NONE	DTSC - CYPRESS J. SCANDURA NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR EXTENSION TO THE FEDERAL FACILITY AGREEMENT FOR SUBMITTAL OF THE DRAFT REMEDIAL INVESTIGATION REPORT FOR THE EXPLOSIVE ORDNANCE DISPOSAL RANGE - DTSC GRANTS REQUEST	ADMIN RECORD BASE CONFIDENTIAL	EOD FFA ORDNANCE RI	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002838 NONE MISC NONE 00009	11-19-2002 **03-08-2002** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 1 AND OPERABLE UNIT 2A AND THE DRAFT RESPONSIVENESS SUMMARY FOR THE REGIONAL VOLATILE ORGANIC COMPOUND GROUNDWATER PLUME AND THE VOC SOURCE AREA (SEE AR #2596 - ROD & #2603 - SUMMARY)	ADMIN RECORD BASE CONFIDENTIAL	ARAR COMMENTS COPC GW MOA MONITORING MW PERCHLORATE ROD RS SOIL TCE VOC WELLS	001 002 017 018 024 OU 1 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002825 CTO-0038/0007 & 0007-1 MM N68711-95-D-7526 00093	10-17-2002 **03-27-2002** 00038	BECHTEL ENVIRONMENTAL, INC. B. COLEMAN NAVFAC - SOUTHWEST DIVISION	MINUTES OF THE BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING INCLUDES PRESENTATION MATERIALS	ADMIN RECORD BASE	ARAR BCP BCT BGS BRAC EBS FOST GW LF MAG RD LANDFIL MONITORING MTG MINS MW ORDNANCE RD ROD SOIL TCE VOC WELLS	001 002 003 005 016 017 018 024 BLDG. 307 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002618 SWDIV SER 06CC.DG/0317 MISC N68711-92-D-4670 00060	04-18-2002 **03-29-2002** 178 & 200	NAVFAC - SOUTHWEST DIVISION D. GOULD US EPA, CRWQCB, DTSC MOUTOUX, HANNON, CHESNEY	TRANSMITTAL OF COMPILED RESPONSE TO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY, DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY, & THE DRAFT PROPOSED PLAN FOR THE CRASH CREW PIT NO. 2 {COMMENTS BY CRWQCB, DTSC, US EPA}	ADMIN RECORD BASE INFO REPOSITORY	ARAR BCT CANCER COMMENTS FS GW MW PAH PID RESPONSE ROD SOIL SVE SVOC TCE TECH MEMO TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 088 PALLET 12 - BX-06 IMAGED TORO_020

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M60050 / 002624 NONE RPT N62742-94-D-0048 00064	05-08-2002 **05-02-2002** 00104	EARTH TECH, INC. E. VEDAGIRI NAVFAC - SOUTHWEST DIVISION	DRAFT WORK PLAN PRELIMINARY ASSESSMENT OF LOCATIONS OF CONCERN - ENVIRONMENTAL BASELINE SURVEY	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	BCP BCT BRAC BTEX EBS FFA HERBICIDE METALS PA PAH PCB PESTICIDES PRG QAPP RCRA RFA SVOC SWMU TPH TRPH UST VOC VSI WORK PLAN	021 BLDG. 313 BLDG. 317 BLDG. 318 BLDG. 319 BLDG. 320 BLDG. 321 BLDG. 359 BLDG. 360 BLDG. 435 BLDG. 747 OU 3 RFA 747 TAA 165	SOUTHWEST DIVISION - BLDG. 1 SW05101901 IMAGED TORO_026

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M60050 / 002760 CTO-0178/0252 & SWDIV SER 06CC.DG/0517 MEMO N68711-92-D-4670 00475	06-06-2002 **05-15-2002** 00178	BECHTEL NATIONAL, INC. S. BLANCHARD NAVFAC - SOUTHWEST DIVISION	FINAL TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY AT THE CRASH CREW PIT NO. 2 - INCLUDES TRANSMITTAL LETTER BY D. GOULD	ADMIN RECORD BASE INFO REPOSITORY	DCA DQO GW MPE MW NFA PAH PID SOIL SOIL BORING SVE SVOC TCE TECH MEMO TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021
M60050 / 002826 CTO-0038/0074 & 0074-1 MM N68711-95-D-7526 00092	10-18-2002 **05-29-2002** 00038	BECHTEL ENVIRONMENTAL, INC. B. COLEMAN NAVFAC - SOUTHWEST DIVISION	MINUTES OF BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING WITH ATTACHMENTS	ADMIN RECORD BASE	BCT BRAC DRINKING WATE GW MTG MINS MW NPL ORDNANCE PERCHLORATE PETROLEUM RD REMEDIAL ACTIO ROD SOIL TCE TPH VOC WELLS	001 002 003 005 016 017 018 024 BLDG. 307 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002892 NONE MISC NONE 00001	12-12-2002 **06-06-2002** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENT ON THE DRAFT WORK PLAN PRELIMINARY ASSESSMENT OF LOCATIONS OF CONCERN - ENVIRONMENTAL BASELINE SURVEY (SEE AR #2624 - WORK PLAN)	ADMIN RECORD BASE	COMMENTS EBS LOC METALS PA SOIL WORK PLAN	021 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002894 NONE CORRESP NONE 00001	12-12-2002 **06-11-2002** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR AN EXTENSION FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW TRAINING PIT NO. 2 - EPA CONCURS WITH THE REQUEST TO EXTEND THE DATE FROM 3 JUNE TO 25 NOVEMBER 2002	ADMIN RECORD BASE	FFA ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-023 IMAGED TORO_025
M60050 / 002843 NONE CORRESP NONE 00004	11-20-2002 **06-14-2002** NONE	DTSC - CYPRESS J. SCANDURA NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR EXTENSION TO THE DEADLINE ACCORDING TO THE FEDERAL FACILITIES AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW PIT NO. 2 - DTSC GRANTS EXTENSION	ADMIN RECORD BASE CONFIDENTIAL	BRAC FFA GW MONITORING ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-023 IMAGED TORO_025
M60050 / 002845 NONE MISC NONE 00009	11-20-2002 **06-26-2002** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM - REEVALUATION OF RISK AT THE DRMO STORAGE YARD, THE TRANSFORMER STORAGE AREA, AND THE SLUDGE DRYING BEDS (SEE AR #2478 - TECH MEMO)	ADMIN RECORD BASE CONFIDENTIAL	ARSENIC BACKGROUND CANCER COMMENTS COPC METALS PAH PCB SLUDGE SOIL TECH MEMO	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002780 CTO-0161/0377 & SWDIV SER 06CC.MS/0752 PLAN N68711-92-D-4670 00019	08-27-2002 **07-01-2002** 00161	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 [INCLUDES SWDIV TRANSMITTAL LETTER FROM D. GOULD]	ADMIN RECORD BASE	ARSENIC CANCER FS GW METALS PAH PROPOSED PLAN REMEDIAL ACTIO RI ROD SOIL SVOC TCE TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002860 NONE LTR NONE 00003	11-20-2002 **07-11-2002** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	SUMMARIZATION OF BASE REALIGNMENT AND CLOSURE CLEANUP TEAM DISCUSSIONS REGARDING THE FOCUSED FEASIBILITY STUDY REPORT FOR THE CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE	CHARACTERIZATI FS GW MONITORING RD REMEDIAL ACTIO ROD SOIL SOIL BORING TCE TOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002808 NONE CORRESP NONE 00002	08-28-2002 **08-02-2002** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE SITE ASSESSMENT REPORT - OIL/WATER SEPARATOR SITES 658C AND 658D (REPORT NOT IN DATABASE)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS OWS SOIL BORING WATER	004 OU 3B OWS 658C OWS 658D	SOUTHWEST DIVISION - BLDG. 1 BX-023 IMAGED TORO_025

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M60050 / 002855 NONE MISC NONE 00007	11-20-2002 **08-15-2002** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2780 - PROPOSED PLAN)	ADMIN RECORD BASE CONFIDENTIAL	COMMENTS METALS MONITORING PROPOSED PLAN RISK SOIL	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002856 NONE MISC NONE 00002	11-20-2002 **08-22-2002** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2780 - PROPOSED PLAN)	ADMIN RECORD BASE	COMMENTS DATA GW MONITORING PROPOSED PLAN	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002813 CTO-0161/0381 & SWDIV SER 06CC.DG/0908 RPT N68711-92-D-4670 00542	09-11-2002 **08-28-2002** 00161	BECHTEL NATIONAL, INC. S. BLANCHARD NAVFAC - SOUTHWEST DIVISION	FINAL PHASE II FOCUSED FEASIBILITY STUDY REPORT FOR THE CRASH CREW TRAINING PIT NO. 2 [INCLUDES SWDIV TRANSMITTAL LETTER BY D. GOULD] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	AIR ARAR BCT BGS BRAC BTEX COPC DCA DCE EIS FFA FOSL FOST FS GW METALS NCP PAH PCE PRG QA QC RCRA RD RFA ROD SARA SDWA SOIL BORING SVE SVOC TCE TOC TPH TRPH	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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					VOC WATER		
M60050 / 002814 NONE CORRESP NONE 00016	09-11-2002 **08-29-2002** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER CRWQCB - RIVERSIDE P. HANNON	TRANSMITTAL OF RESPONSES TO RWQCB COMMENTS ON THE SUMMARY REPORT SOLID WASTE MANAGEMENT UNIT 204 W/ATTACHMENTS (NEITHER DOCUMENT NOR COMMENTS IN DATABASE)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS GW METALS MW PAH RESPONSE SOIL BORING SWMU TPH TRPH VOC WELLS	006 019 BLDG. 761 OU 3 SWMU 204	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 002822 CTO-0045/0003 & SWDIV SER 06CC.MS/0942 PLAN N68711-95-D-7526 00026	10-17-2002 **09-01-2002** 00045	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 - INCLUDES SWDIV TRANSMITTAL LETTER FROM D. GOULD (INCLUDES MAILING LIST PORTIONS OF WHICH ARE CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	CANCER COST FS FUEL GW METALS MW PAH PROPOSED PLAN RI ROD SOIL SOLVENTS SVOC TCE TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002857 NONE MISC NONE 00002	11-20-2002 **09-05-2002** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE SUMMARY REPORT - SITE 07GN1 - WITHIN THE DROP TANK DRAINAGE AREA NUMBER 2, FORMER TOTAL RECOVERABLE PETROLEUM HYDROCARBON RELEASE - WATER BOARD DOES NOT CONCUR WITH REQUEST FOR CLOSURE (SEE AR #2572 - SUMMARY REPORT)	ADMIN RECORD BASE	CHARACTERIZATI COMMENTS SOIL TRPH WORK PLAN	007 BLDG. 310 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002859 NONE MISC NONE 00004	11-20-2002 **09-24-2002** NONE	DTSC - CYPRESS M. ALONZO NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE FINAL PHASE II FOCUSED FEASIBILITY STUDY REPORT FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2813 - FFS)	ADMIN RECORD BASE CONFIDENTIAL	COMMENTS FS GW MONITORING ROD VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 000373 CTO-0038/0086 MISC N68711-95-D-7526 00211	11-20-2002 **09-25-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS: RESTORATION ADVISORY BOARD MEETING AGENDA & PUBLIC NOTICE FOR 25 SEPTEMBER 2002, MINUTES AND MATERIALS FROM 31 JULY 2002 MEETING, PRESENTATION OF PROPOSED PLAN FOR SITE 16, VARIOUS PRESENTATION MATERIALS, AND HANDOUTS	ADMIN RECORD BASE CONFIDENTIAL	BCT BRAC DCE GW LF MAG RD LANDFIL MTG MINS NPL PERCHLORATE PIM PROPOSED PLAN PUBNOT RAB RD SOIL STORMWATER TCE VOC WATER	001 002 003 005 008 012 016 017 024 025 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021

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M60050 / 002896 NONE MISC NONE 00002	12-12-2002 **10-15-2002** NONE	CITY OF IRVINE D. JUNG NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2822 - PROPOSED PLAN)	ADMIN RECORD BASE	CHARACTERIZATI COMMENTS GW MW PESTICIDES PROPOSED PLAN REUSE TCE WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002897 NONE MISC NONE 00004	12-12-2002 **10-21-2002** NONE	FISH AND WILDLIFE SERVICE A. YUEN NAVFAC - SOUTHWEST DIVISION D. GOULD	DEPARTMENT OF THE INTERIOR COMMENTS ON THE BASE REALIGNMENT AND CLOSURE TEAM MEETING OF 25 SEPTEMBER 2002 AND THE DRAFT WORK PLAN PHASE II REMEDIAL INVESTIGATION, EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #529 - WORK PLAN)	ADMIN RECORD BASE	BCT BRAC COMMENTS EOD ORDNANCE RI SOIL	001 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002899 NONE MISC NONE 00005	12-12-2002 **10-29-2002** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE SUMMARY REPORT FOR FORMER TEMPORARY ACCUMULATION AREA (TAA) 769/ SOLID WASTE MANAGEMENT UNIT (SWMU) 222 - DTSC DOES NOT CONCUR WITH THE RECOMMEDATION FOR NO FURTHER ACTION FOR TAA 769 (SEE AR #2889 - SUMMARY REPORT)	ADMIN RECORD BASE CONFIDENTIAL	COMMENTS DRUMS HAZ WASTE NFA SOIL SOIL BORING SWMU	011 024 OU 2A OU 3 SWMU 222 TAA 769	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 002861 CTO-0038/0083 & 0083-1 MM N68711-95-D-7526 00080	11-20-2002 **11-11-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	MINUTES FROM THE 31 JULY 2002 BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING W/ATTACHMENTS	ADMIN RECORD BASE	BCT BRAC EBS EOD FOST GW LF MAG RD LANDFIL MTG MINS ORDNANCE PROPOSED PLAN RD ROD SOIL	001 002 003 005 008 011 012 016 017 018 024 ANOMALY AF OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002905 NONE LTR NONE 00003	01-27-2003 **11-18-2002** NONE	US EPA - SAN FRANCISCO M. SCHUTZ NAVFAC - SOUTHWEST DIVISION L. DUCHNAK	LETTER PRESENTING EPA'S POSITION TO THE NAVY'S RE-EVALUATION OF RISK FOR SITES 8, 11, AND 12	ADMIN RECORD BASE INFO REPOSITORY	MCPP NFA PCB PROPOSED PLAN ROD TECH MEMO	008 011 012	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002865 SWDIV SER 06CC.DG/0184 LTR NONE 00024	12-09-2002 **11-22-2002** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB, DTSC, U.S. EPA BRODERICK, CHESNEY, MOUTOUX	REQUEST FOR A THREE WEEK EXTENSION TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR SUBMITTAL OF THE DRAFT RECORD OF DECISION AT CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE	BCT BRAC FFA ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 002866 SWDIV SER 06CC.DG/0212 LTR NONE 00004	12-09-2002 **11-27-2002** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB, DTSC, U.S. EPA BRODERICK, CHESNEY, MOUTOUX	RESPONSE TO REQUEST FOR A THREE WEEK EXTENSION TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR SUBMITTAL OF THE DRAFT RECORD OF DECISION AT CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE	BCT BRAC FFA ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002910 NONE RPT N62742-94-D-0048 00018	01-27-2003 **12-04-2002** 00072	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	AMENDMENT NO. 2 TO WORK PLAN PHASE II REMEDIAL INVESTIGATION, EXPLOSIVE ORDNANCE DISPOSAL RANGE (SEE AR #2577 - FINAL WORK PLAN, 2868 - AMENDMENT NO. 1, 3051 - DRAFT FINAL AMENDMENT NO. 1, 3214 - FINAL AMENDMENT NO. 1 AND 3220 - AMENDMENT NO. 3)	ADMIN RECORD BASE INFO REPOSITORY	EOD GW MW ORDNANCE PERCHLORATE VOC WELLS	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-022 IMAGED TORO_026
M60050 / 003561 NONE COMMENTS NONE 00002	05-31-2006 **02-03-2003** NONE	CRWQCB - RIVERSIDE J. BRODERICK BRAC PMO WEST A. PISZKIN	REVIEW AND COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3, SITE 16 CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE		016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003564 NONE COMMENTS NONE 00008	05-31-2006 **02-03-2003** NONE	DTSC - CYPRESS T. CHESNEY BRAC PMO WEST A. PISZKIN	REVIEW AND COMMENTS ON THE DRAFT RECORD OF DECISION, CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE		0016 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 002948 SWDIV SER 06CC.MS/0439 RPT N68711-00-D-0004 01026	04-08-2003 **02-07-2003** DO 006	CDM FEDERAL PROGRAMS, CORP. R. CLIFFORD NAVFAC - SOUTHWEST DIVISION	FINAL GROUNDWATER MONITORING REPORT SEPTEMBER 2002 MONITORING ROUND 16 (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	DCA DCE MTBE PCB PCE SVOC TCA TCE VOC	001 002 003 004 005 006 008 009 010 011 012 013 015 016 017 019 020 021 022 024 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06(IMAGED TORO_024

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M60050 / 002970 SWDIV SER 06CC.AP/0713 RPT N62742-94-D-0048 00707	05-15-2003 **04-01-2003** 00104	EARTH TECH, INC NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL ENVIRONMENTAL BASELINE SURVEY [INCLUDES SWDIV TRANSMITTAL LETTER BY A. PISZKIN] (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	ACM AST CWM DDT JP LBP NBC OWS PAH PCB PCE SVOC TCA TCE TPH UST VOC	003 004 005 006 007 008 009 010 011 012 013 014 015 016 018 019 020 021 022 023 024 025	SOUTHWEST DIVISION - BLDG. 1 BX-024 IMAGED TORO_026
M60050 / 003007 CTO-0038/0194 MISC N68711-95-D-7526 00009	10-15-2003 **04-01-2003** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	FACT SHEET: DRAFT FINAL CLOSURE OF INACTIVE LANDFILLS	ADMIN RECORD BASE	FACT SHEET	001 002 003 005 008 011 012 016 017 018 024	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07· IMAGED TORO_024

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M60050 / 002972 CTO-0045/0041 MISC N68711-95-D-7526 00014	05-22-2003 **05-20-2003** 00045	BECHTEL ENVIRONMENTAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION K. ROONEY	COMPILATION OF RESPONSE TO COMMENTS TO THE DRAFT RECORD OF DECISION FOR THE CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS TCE VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_024
M60050 / 003030 CTO-0060/0022 MM N68711-95-D-7526 00010	12-04-2003 **06-16-2003** 00060	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	16 JUNE 2003 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE INFO REPOSITORY	MTG MINS	008 012 APHO 46	SOUTHWEST DIVISION - BLDG. 1 SW05032401
M60050 / 002994 CTO-0045/0051 MISC N68711-95-D-7526 00006	07-25-2003 **07-21-2003** 00045	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	RESPONSE TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR OPERABLE UNIT (OU) 3	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07: IMAGED TORO_024
M60050 / 003032 SWDIV SER 06CC.AP/1126 MISC NONE 00005	01-13-2004 **08-01-2003** NONE	NAVFAC - SOUTHWEST DIVISION A. PISZKIN VARIOUS AGENCIES	LETTER REQUESTING AN EXTENSION TO THE FEDERAL FACILITY AGREEMENT APPENDIX A SCHEDULE FOR PRIMARY DOCUMENTS	ADMIN RECORD BASE INFO REPOSITORY	FFA	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 SW05032401

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M60050 / 003105 NONE CORRESP NONE 00002	07-15-2004 **08-06-2003** NONE	U.S. EPA - SAN FRANCISCO N. MOUTOUX BRAC - IRVINE F. PISZKIN	COMMENTS ON THE DRAFT WORKPLAN, REMEDIAL DESIGN/REMEDIAL ACTION	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS PCB PLAN SOIL	011 OU 3	SOUTHWEST DIVISION - BLDG. 1 SW05032402
M60050 / 003052 SWDIV SER 06CC.AP/1158 CORRESP NONE 00006	03-30-2004 **08-07-2003** NONE	NAVFAC - SOUTHWEST DIVISION A. PISZKIN VARIOUS AGENCIES	TRANSMITTAL OF PROPOSED SCHEDULE FOR THE CRASH CREW TRAINING PIT NO. 2 (W/ ENCLOSURE) {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-021 IMAGED TORO_025

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M60050 / 003011 NONE RPT N62474-94-D-0048 00742	10-23-2003 **09-05-2003** 00104	EARTH TECH, INC. D. JURY NAVFAC - SOUTHWEST DIVISION	FINAL ENVIRONMENTAL BASELINE SURVEY [CD COPY ENCLOSED]	ADMIN RECORD BASE INFO REPOSITORY	DDT PAH PCB PCE SVOC TCA TCE TPH TRPH VOC	003 004 005 006 007 008 009 010 011 012 013 014 015 016 018 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_024
M60050 / 003205 SWDIV SER 06CC.AP/1348 CORRESP NONE 00004	11-24-2004 **10-02-2003** NONE	NAVFAC - SOUTHWEST DIVISION A. PISZKIN VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT SCHEDULE FIVE-WEEK EXTENSION REQUEST FOR SUBMITTAL OF THE REMEDIAL DESIGN/REMEDIAL ACTION (RD/RA) MONITORED NATURAL ATTENUATION (MNA) WORK PLAN FOR THE OPERABLE UNIT (OU) 3 CRASH CREW PIT NO. 2	ADMIN RECORD BASE INFO REPOSITORY	MNA	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-026 IMAGED TORO_025

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M60050 / 003083 CTO-0060/0088 MTG MINS N68711-95-D-7526 00006	05-26-2004 **01-07-2004** 00060	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION C. SON	07 JANUARY 2004 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE INFO REPOSITORY	GW MTG MINS PAH VOC	001 002 003 005 008 012 017 024	SOUTHWEST DIVISION - BLDG. 1 BX-021 IMAGED TORO_025
M60050 / 003161 CTO-0060/0127 MTG MINS N68711-95-D-7526 00006	09-10-2004 **05-12-2004** 00060	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	12 MAY 2004 BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES [INCLUDES AGENDA]	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS GW MTG MINS UST WELLS	002 008 011 012 016 024	SOUTHWEST DIVISION - BLDG. 1 BX-022 IMAGED TORO_026
M60050 / 003089 SWDIV SER 06CC.AP/0544 CORRESP NONE 00008	06-24-2004 **05-20-2004** NONE	NAVFAC - SOUTHWEST DIVISION A. PISZKIN DTSC - CYPRESS T. MAHMOUD	NAVY REQUESTING INDENTIFICATION OF POTENTIAL APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS), INSTALLATION RESTORATION SITE, DEFENSE REUTILIZATION AND MARKETING OFFICE STORAGE AREA, SLUDGE DRYING BEDS, SITE SUMMARY AND RESPONSE ATTACHED	ADMIN RECORD BASE INFO REPOSITORY	ARAR PAH PCB SLUDGE SOIL SVOC VOC	008 012	SOUTHWEST DIVISION - BLDG. 1 SW05032401
M60050 / 003144 NONE CORRESP NONE 00002	08-09-2004 **06-03-2004** NONE	ENVIRONMENTAL MANAGEMENT BRANC D. BAILEY DTSC - CYPRESS T. MAHMOUD	LIST OF REGULATIONS, STATUTES AND GUIDANCE THAT PERTAIN TO RADIOACTIVE MATERIALS REGARDING REQUEST FOR APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS)	ADMIN RECORD BASE INFO REPOSITORY	ARARS	008 012	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026

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M60050 / 003145 NONE MEMO NONE 00016	08-09-2004 **06-16-2004** NONE	DEPT. OF FISH AND GAME R. DONOHOE DTSC - CYPRESS T. MAHMOUD	TABLE OF SITE - SPECIFIC OF FISH AND GAME CODE SECTIONS LIST PERTAINING TO THE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS)	ADMIN RECORD BASE INFO REPOSITORY	ARARS	008 012	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026
M60050 / 003146 NONE CORRESP NONE 00002	08-09-2004 **06-18-2004** NONE	AIR RESOURCES BOARD J. AGUILA DTSC - CYPRESS T. MAHMOUD	COMMENTS ON APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS)	ADMIN RECORD BASE INFO REPOSITORY	ARARS COMMENTS	008 012	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026
M60050 / 003147 NONE CORRESP NONE 00004	08-09-2004 **06-18-2004** NONE	SOUTH COAST AIR QUALITY MGMNT. J. CHEN DTSC - CYPRESS T. MAHMOUD	RULES AND REGULATIONS THAT SHOULD BE INCORPORATED INTO THE APPLICABLE OR RELEVANT APPROPRIATE REQUIREMENTS (ARARS)	ADMIN RECORD BASE INFO REPOSITORY	SOIL VOC	008 012	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026
M60050 / 003148 NONE CORRESP NONE 00001	08-09-2004 **06-22-2004** NONE	DEPT. OF TRANSPORTATIO N R. JOSEPH DTSC - CYPRESS T. MAHMOUD	COMMENTS ON REQUEST FOR IDENTIFICATION OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS HAZ MAT	008 012	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026

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M60050 / 003143 NONE CORRESP NONE 00003	08-09-2004 **06-30-2004** NONE	CRWQCB - SANTA ANA J. BRODERICK BRAC - IRVINE F. PISZKIN	RESPONSE TO THE REQUEST FOR CRWQCB APPLICABLE RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS), DEFENSE REUTILIZATION AND MARKETING OFFICE (DRMO) STORAGE AREA AND SLUDGE DRYING BEDS	ADMIN RECORD BASE INFO REPOSITORY	ARAR DRMO GW SOIL WASTE	008 012	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026
M60050 / 003177 NONE CORRESP NONE 00004	10-15-2004 **06-30-2004** NONE	DTSC - CYPRESS T. MAHMOUD NAVFAC - SOUTHWEST DIVISION A. PISZKIN	REQUEST FOR IDENTIFICATION OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS IN PREPARATION OF A REMOVAL ACTION PLAN (RAP) {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	ARAR	008 012	SOUTHWEST DIVISION - BLDG. 1 BX-026 IMAGED TORO_025
M60050 / 003243 NONE CORRESP NONE 00036	04-04-2005 **09-29-2004** NONE	BROWN AND CALDWELL B. COLEMAN NAVFAC - SOUTHWEST DIVISION	29 SEPTEMBER 2004 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES [INCLUDES VARIOUS HANDOUTS]	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC MTG MINS	001 002 008 011 012 016 017 018 024	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003302 126463/002/2.6 MTG MINS N68711-00-D-0004 00010	08-15-2005 **01-26-2005** 00069	CDM NAVFAC - SOUTHWEST DIVISION	26 JANUARY 2004 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEAUNP TEAM (BCT) MEETING MINUTES - INCLUDES VARIOUS HANDOUTS	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC MTG MINS	002 008 011 012	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003231 NONE MTG MINS NONE 00012	02-14-2005 **02-14-2005** NONE	BECHTEL NATIONAL, INC. B. COLEMAN NAVFAC - SOUTHWEST DIVISION	DRAFT MEETING MINUTES OF TELECONFERENCE MEETINGS ON 08 SEPTEMBER 1998 AND 15 SEPTEMBER 1998 [INCLUDES COMMENTS ON DRAFT PROPOSED PLAN]	ADMIN RECORD BASE INFO REPOSITORY	MTG MINS	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003483 NONE COMMENTS NONE 00001	04-03-2006 **02-17-2005** NONE	CRWQCB - RIVESIDE J. BRODERICK BRAC PMOW WEST D. NEWTON	COMMENTS ON DRAFT FINAL REMEDIAL DESIGN FOR MONITORED NATURAL ATTENUATION WITH INSTITUTIONAL CONTROLS	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS IRP OU	016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003241 SWDIVSER BPMOW.FAP/0493 RPT N62742-94-D-0048 00100	03-24-2005 **03-01-2005** 00068	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FEASIBILITY STUDY ADDENDUM [INCLUDES SWDIV TRANSMITTAL LETTER BY A. PISZKIN] {PORTION OF MAILING LIST IS CONFIDENTIAL} (SEE AR #1965 - DRAFT PHASE II FEASIBILITY STUDY)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	FS NAI PAH PCB SVOC TPH TRPH VOC	008 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003314 126463/002/2.9 MM N68711-00-D-0004 00005	09-06-2005 **03-30-2005** 00069	CDM MCAS - EL TORO	30 MARCH 2005 FINAL BASE REALIGNMENT AND CLOSURE (BRAC) CLEANUP TEAM (BCT) MEETING MINUTES	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC IRP MTG MINS	002 008 011 012	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003263 SWDIV SER BPMOW.FAP/0580 MISC NONE 00016	05-04-2005 **04-01-2005** NONE	NAVFAC - SOUTHWEST DIVISION GENERAL PUBLIC	DRAFT PROPOSED PLAN OF EXCAVATION AND OFF-SITE DISPOSAL OF CONTAMINATED SOIL {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY		008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003369 NONE COMMENTS NONE 00001	10-26-2005 **05-11-2005** NONE	CRWQCB, RIVERSIDE J. BRODERICK BRAC F.A. PISZKIN	COMMENTS ON THE DRAFT FEASIBILITY STUDY ADDENDUM	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS FS UU	008 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003364 NONE COMMENTS NONE 00003	10-26-2005 **05-19-2005** NONE	DTSC, CYPRESS F. CHENG BRAC F.A. PISZKIN	COMMENTS ON THE DRAFT PROPOSED PLAN	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS DISPOSAL SOIL	008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003306 SWDIVSER BPMOW.MPS/0821 CORRESP NONE 00003	08-17-2005 **06-13-2005** NONE	NAVFAC - SOUTHWEST DIVISION A. PISZKIN VARIOUS AGENCIES	REQUEST FOR AN EXTENTION ON THE DRAFT REMEDIAL DESIGN FOR NATURAL ATTENUATION MONITORING W/ENCLOSURE [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	RD	016 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003292 SWDIV SER BPMOW.CPA/0975 RPT N624742-94-D-0048 00400	07-25-2005 **07-01-2005** 00068	EARTH TECH, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL FEASIBILITY STUDY ADDENDUM (SEE AR #1965 - DRAFT FEASIBILITY STUDY AND AR #3241 - DRAFT FEASIBILITY STUDY ADDENDUM){PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	AM-241 CO-57 CO-60 H-3 KR-85 OU PAH PCB SVOC TH-232 TPH TRPH VOC	008 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003310 2011 & SWDIVSER BPMOW.DLD/1129 RPT N68711-01-D-6010 00250	08-24-2005 **08-01-2005** 00002	WESTON SOLUTIONS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL RADIOLOGICAL RELEASE REPORT FOR FORMER SITES OF THE RADIUM PLAQUE ADAPTOMETER BUILDING AND AIRCRAFT PARTS YARD	ADMIN RECORD BASE INFO REPOSITORY	ADAPTOMETER RADIUM	008 012 025	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003357 NONE COMMENTS NONE 00001	10-26-2005 **08-15-2005** NONE	USEPA - SAN FRANCISCO R. MUZA BRAC D. NEWTON	COMMENTS THE DRAFT FINAL FEASIBILITY STUDY (FS) ADDENDUM	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS FS OU SOIL	008 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003333 NONE CORRESP NONE 00005	10-11-2005 **09-21-2005** NONE	DTSC - CYPRESS F. CHENG BRAC D. NEWTON	COMMENTS ON DRAFT FINAL FEASIBILITY STUDY ADDENDUM, OPERABLE UNIT 3A (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	COMMENTS FS OU RADIUM	008 OU 3A	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003334 NONE CORRESP NONE 00002	10-11-2005 **09-22-2005** NONE	CRWQCB - RIVERSIDE J. BRODERICK BRAC D. NEWTON	COMMENTS ON DRAFT REMEDIAL DESIGN FOR MONITORED NATURAL ATTENUATION WITH INSTITUTIONAL CONTROLS, CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS NITRATE NITROGEN OU RD TDS	016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003335 NONE CORRESP NONE 00001	10-11-2005 **09-22-2005** NONE	CRWQCB - RIVERSIDE J. BRODERICK BRAC D. NEWTON	COMMENTS ON DRAFT FINAL RADIOLOGICAL RELEASE REPORT, FORMER SITES OF THE RADIUM PLAQUE ADAPTOMETER BUILDING AND AIRCRAFT PARTS YARD	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS RADIOLOGICAL RADIUM	008 012 025	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003342 NONE CORRESP NONE 00003	10-24-2005 **09-26-2005** NONE	USEPA - SAN FRANCISCO R. MUZA BRAC D. NEWTON	COMMENTS ON DRAFT REMEDIAL DESIGN FOR MONITORED NATURAL ATTENUATION WITH INSTITUTIONAL CONTROLS AT CRASH CREW TRAINING PIT NO.2	ADMIN RECORD BASE INFO REPOSITORY	BRAC ICL VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003343 NONE CORRESP NONE 00005	10-24-2005 **09-26-2005** NONE	DTSC - CYPRESS F. CHENG BRAC D. NEWTON	REVIEW OF COMMENTS ON DRAFT REMEDIAL DESIGN FOR MONITORED NATURAL ATTENUATION WITH INSTITUTIONAL CONTROLS FOR CRASH CREW TRAINING PIT NO.2 (A PORTION OF THE MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	BRAC GW VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003444 NONE COMMENTS NONE 00001	02-14-2006 **01-20-2006** NONE	EPA - SAN FRANCISCO R. MUZA BRAC D. NEWTON	REVIEW AND COMMENTS ON THE DRAFT FINAL REMEDIAL DESIGN FOR MONITORED NATURAL ATTENUATION WITH INSTITUTIONAL CONTROLS, CRASH CREW TRAINING PIT NO.2	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS IRP OU	016 OU 3 TRAINING PIT	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003454 NONE RPT N62742-94-D-0048 00300	02-27-2006 **02-01-2006** 00068	NAVFAC - SOUTHWEST DIVISION BRAC	FINAL FEASIBILITY STUDY ADDENDUM (SEE AR # 3453 - TRANSMITTAL BY. D. NEWTON)	ADMIN RECORD BASE INFO REPOSITORY	H-3 PAH PCB TH-232 TPH TRPH VOC	008 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003460 CTO-062/0125 RPT N68711-95-D-7526 00018	02-28-2006 **02-01-2006** 00062	BECHTEL ENVIRONMENTAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PROPOSED PLAN (INCLUDES RESPONSE TO COMMENTS ON THE DRAFT PROPOSED PLAN) [SEE AR # 3459 TRANSMITTAL BY D. NEWTON]	ADMIN RECORD BASE INFO REPOSITORY	COCS IR OU PAH PCB SVOC VOC	008 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003453 BRAC SER BPMOW.DID/0104 LTR NONE 00002	02-27-2006 **02-13-2006** NONE	BRAC D. NEWTON EPA - SAN FRANCISCO R. MUZA	TRANSMITTAL OF FINAL FEASIBILITY STUDY ADDENDUM (SEE AR # 3454 - FINAL FEASIBILITY STUDY ADDENDUM)	ADMIN RECORD BASE INFO REPOSITORY	IR OU PAH PRG SOIL SVOC TAL TPH VOC	008 OU 3A	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003459 BRAC SER BPMOW.RJP/0159 LTR NONE 00002	02-28-2006 **02-23-2006** NONE	BRAC D. NEWTON EPA - SAN FRANCISCO R. MUZA	TRANSMITTAL OF DRAFT FINAL PROPOSED PLAN (SEE AR # 3460 - DRAFT FINAL)	ADMIN RECORD BASE INFO REPOSITORY	BRAC COCS IRP OU PAH PCB SVOC VOC	008 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003464 BRAC SER BPMOW.CA/0172 LTR NONE 00012	03-14-2006 **02-27-2006** NONE	BRAC D. GOULD VARIOUS AGENCIES	UPDATE ON THE FEDERAL FACILITY AGREEMENT APPENDIX A SCHEDULE EXTENSION REQUEST FOR INSTALLATION RESTORATION PROGRAM (IRP) SITES AND ANOMALY AREA 3	ADMIN RECORD BASE INFO REPOSITORY	GW LF OU	001 002 003 005 008 012 AREA 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003469 CTO-062/0134 RPT N68711-95-D-7526 00016	03-24-2006 **03-01-2006** 00062	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL PROPOSED PLAN FOR SITES 8 AND 12	ADMIN RECORD BASE INFO REPOSITORY	PAH PCB PROPOSED PLAN SVOC VOC	008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003481 NONE COMMENTS NONE 00002	04-03-2006 **03-02-2006** NONE	US EPA R. MUZA BRAC PMOW WEST D. NEWTON	UPDATE AND COMMENTS ON THE FEDERAL FACILITY AGREEMENT (FFA) APPENDIX A SCHEDULE AND EXTENTION REQUEST	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS IRP	001 002 003 005 008 012 AA 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003482 NONE COMMENTS NONE 00003	04-03-2006 **03-06-2006** NONE	DTSC - CYPRESS J. SCANDURA BRAC PMOW WEST D. NEWTON	COMMENTS ON FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE EXTENSION REQUEST FOR INSTALLATION RESTORATION PROGRAM (IRP) SITES	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS GW SOIL	001 002 003 005 008 012 AA 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003475 NONE COMMENTS NONE 00001	04-03-2006 **03-13-2006** NONE	US EPA R. MUZA BRAC PMOW WEST D. NEWTON	REVIEW OF DRAFT FINAL PROPOSED PLAN FOR INSTALLATION RESTORATION PROGRAM (IRP)	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS SOIL BORING	008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003480 NONE COMMENTS NONE 00002	04-03-2006 **03-15-2006** NONE	DTSC - CYPRESS M. ALONZO BRAC PMOW WEST D. NEWTON	COMMENTS ON FINAL REMEDIAL DESIGN FOR CRASH CREW TRAINING PIT NO 2.	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS	016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003525 126463-003/3.12 MM N68711-00-D-0004 00020	05-15-2006 **03-29-2006** DO 0069	BROWN AND CALDWELL B. COLEMAN BRAC PMO WEST	29 MARCH 2006 PUBLIC MEETING TRANSCRIPT FOR THE PROPOSED PLAN	ADMIN RECORD BASE INFO REPOSITORY		008 012	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003526 BRAC SER BPMOW.ART/0315 CORRESP NONE 00003	05-15-2006 **04-04-2006** NONE	BRAC PMO WEST D. NEWTON VARIOUS AGENCIES	EXTENSION OF SUBMITTAL DATE OF THE DRAFT FINAL REMEDIAL INVESTIGATION (RI) FOR OPERABLE UNIT (OU) 3, SITE 1 IN ACCORDANCE WITH THE FEDERAL FACILITY AGREEMENT (FFA)	ADMIN RECORD BASE INFO REPOSITORY	FFA OU RI	001 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003558 BRAC SER BPMOW.JTC/0454 CORRESP NONE 00003	05-31-2006 **05-18-2006** NONE	BRAC PMO WEST D. NEWTON VARIOUS AGENCIES	TRANSMITTAL OF REVISED DRAFT RECORD OF DECISION (ROD) (W/OUT ENCLOSURE) [SEE AR# 3559 - REVISED DRAFT RECORD OF DECISION]	ADMIN RECORD BASE INFO REPOSITORY	ROD	008 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1

Total Estimated Record Page Count: 99,964

Total - Administrative Records: 600

((SUBJECT Like "*ACTION*" Or SUBJECT Like "*ASSESSM*" Or SUBJECT Like "*ARAR*" Or SUBJECT Like "*APPROPRIATE*" Or SUBJECT Like "*CHARACTERIZ*" Or SUBJECT Like "*CLOSURE*" Or SUBJECT Like "*FACILITY*" Or SUBJECT Like "*INVESTIG*" Or SUBJECT Like '*RESTORATION PROGRAM PLAN*' Or SUBJECT Like "*MONITORING*" Or SUBJECT Like "*NFA*" Or SUBJECT Like '*PROPOSED PLAN*' Or SUBJECT Like "*RESULT*" Or SUBJECT Like "*RESPONSE*" Or SUBJECT Like "*SITE*" Or SUBJECT Like '*WORK PLAN*' Or SUBJECT Like "*RI/FS*" Or SUBJECT Like '*FEASIBILITY STUDY*' Or SUBJECT Like "*COMMENTS*" Or SUBJECT Like "*RCRA*" Or SUBJECT Like '*RECOVERY ACT*' Or SUBJECT Like '*HAZARD RANK*' Or SUBJECT Like "*INSPECTION*" Or SUBJECT Like "*SAMPLING*" Or SUBJECT Like "*REMEDIES*" Or SUBJECT Like '*REMEDY*' Or SUBJECT Like "*SOIL*" Or SUBJECT Like "*GROUNDWATER*" Or SUBJECT Like "*AIR*" Or SUBJECT Like "*PCBS*" Or SUBJECT Like "*EBS*" Or SUBJECT Like "*BASELINE*" Or SUBJECT Like "*QUALITY*" Or SUBJECT Like "*BACKGR*" Or SUBJECT Like "*PILOT*" Or SUBJECT Like "*CONSTR*" Or SUBJECT Like "*CONTINGENCY*" Or SUBJECT Like "*REMOVAL*")) AND [UIC NUMBER]='M60050'

No Keywords

Sites=008;012;OU 3;OU 3A;OU 3B

No Classification

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Section II
Public Participation Documents for Sites 8 and 12

EL TORO MCAS

DRAFT ADMINISTRATIVE RECORD FILE INDEX - UPDATE (SORTED BY RECORD DATE/RECORD NUMBER)

PUBLIC PARTICIPATION DOCUMENTS FOR OU 3, OU 3A, OU 3B, SITES 8 AND 12

UIC No. / Rec. No. Doc. Control No. Record Type Contr./Guid. No. Approx. # Pages	Prc. Date Record Date CTO No. EPA Cat. #	Author Affil. Author Recipient Affil. Recipient	Subject	Classification	Keywords	Sites	Location FRC Access. No. FRC/SWDIV Box No. FRC Warehouse Loc. CD No.
M60050 / 001011 NONE MEMO NONE 00001	12-08-1995 **04-27-1990** NONE 10.3	SOUTHWEST DIVISI L. NUZUM TRC MEMBERS	APRIL 26, 1990 TRC MEETING MINUTES	ADMIN RECORD	MTG MINS PUB. PARTICIPATI TRC	002 003 005 010 OU 2 OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 002203 CLE-C01-01F018-I3-0002 MISC N68711-89-D-9296 00017	05-31-2001 **09-26-1990** 00018	JACOBS ENGINEERING GROUP NAVFAC - SOUTHWEST DIVISION	AGENDA OF THE TECHNICAL REVIEW COMMITTEE PRESENTATION FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY	ADMIN RECORD	ARAR DMP DQO FS GW METALS MW PESTICIDES RAB RI RISK SEDIMENTS SOIL SOIL BORING SVOC TCE TPH TRC VOC WATER WELLS	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 000892 NONE MISC NONE 00006	07-19-1995 **11-01-1991** NONE 10.6	SOUTHWEST DIVISI	FACT SHEET "DESCRIBING INVESTIGATION OF POSSIBLE HAZARDOUS WASTE CONTAMINATION"	ADMIN RECORD	HAZ WASTE PUB. PARTICIPATI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 078 PALLET 11 - BX-00! IMAGED TORO_002

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M60050 / 001834 MISC NONE 00011	03-24-1997 **11-18-1991** NONE 10.4	MCAS EL TORO	PUBLIC FORUM AGENDA WITH HANDOUTS	ADMIN RECORD	CERCLA OU PUB. PARTICIPATI RI	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 4	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 095 PALLET 12 - BX-04 IMAGED TORO_009

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M60050 / 001028 NONE MM N68711-89-D-9296 00026	12-08-1995 **12-17-1992** 00145 01.6	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	DECEMBER 17, 1992 TRC MEETING MINUTES	ADMIN RECORD	MTG MINS PUB. PARTICIPATI TRC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 000815 NONE MEMO NONE 00004	07-07-1995 **02-15-1993** 00145 01.6	JACOBS ENGINEERING NAVFAC - SOUTHWEST DIVISION	DEFINITION OF OPERABLE UNITS 1, 2, 3 AND 4	ADMIN RECORD	GUID NFA OU	OU 1 OU 2 OU 3 OU 4	SOUTHWEST DIVISION - BLDG. 1
M60050 / 000125 NONE CORRESP NONE 00004	11-01-1993 **02-26-1993** NONE 08.1	DTSC G. HOLMES NAVFAC - SOUTHWEST DIVISION A. PISZKIN	DRAFT POSITION PAPER ON THE PRELIMINARY RISK ASSESS. FOR OPERABLE UNITS (OUS)-1, 2 AND 3 AND THE PROPOSED EL TORO BASELINE HUMAN HEALTH RISK ASSESS. FOR OU-1	ADMIN RECORD	NFA OU RISK TECH/GUID DOC.	OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001
M60050 / 000116 NONE LTR NONE 00001	11-01-1993 **08-04-1993** NONE 01.6	EPA J. HAMILL NAVFAC - SOUTHWEST DIVISION A. PISZKIN	RESPONSE TO SCHEDULE EXTENSION REQUEST DRAFT PHASE II WORK PLAN FOR OPERABLE UNITS 2 AND 3	ADMIN RECORD	FFA GUID WORK PLAN	OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 000890 NONE MISC NONE 00010	07-19-1995 **12-01-1993** NONE 10.6	NAVFAC - SOUTHWEST DIVISION GENERAL PUBLIC	FACT SHEET "UPDATE OF THE ENVIRONMENTAL INVESTIGATIONS AT MCAS EL TORO"	ADMIN RECORD	FACT SHEET PUBNOT	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 078 PALLET 11 - BX-00 IMAGED TORO_002

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M60050 / 002204 CLE-C01-01F145-I2-0073 MTG MINS N68711-89-D-9296 00006	05-31-2001 **01-13-1994** 00145	JACOBS ENGINEERING C. FLAGG NAVFAC - SOUTHWEST DIVISION A. PISKIN	TECHNICAL REVIEW COMMITTEE/REMEDIAL ADVISORY BOARD MEETING SUMMARY	ADMIN RECORD	BCP BRAC CLOSURE DISPOSAL EBS FS GW RAB RI SEDIMENTS SOIL TRC WATER	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 001545 CORRESP NONE 00005	07-10-1996 **12-29-1994** 00080 01.1	SOUTHWEST DIVISI J. PAWLISCH DTSC REGION IV J. SCANDURA	LETTER WRITTEN FROM THE NAVY TO DTSC REQUESTING AN EXTENSION TO FFA SCHEDULE FOR OPERABLE UNIT (OU) 2 AND 3 DATED 12/29/94	ADMIN RECORD	FFA OU	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 68&94 PALLET 11 - BX-03 IMAGED TORO_005
M60050 / 001570 MEMO NONE 00004	07-11-1996 **06-19-1995** NONE 02.4	DTSC J. CHRISTOPHER DTSC REGION IV J. JIMENEZ	DRAFT MEMORANDUM TRANSMITTING COMMENTS ON ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) COMPLETEDFOR OPERABLE UNIT (OU) 3 SITES	ADMIN RECORD	COMMENTS EE/CA	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 068 PALLET 11 - BX-03 IMAGED TORO_005

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M60050 / 000966 NONE MM NONE 00016	08-29-1995 **07-27-1995** NONE 10.4	RAB MEMBERS	JULY 27, 1995 RAB MEETING MINUTES	ADMIN RECORD INFO REPOSITORY	MTG MINS PUB. PARTICIPATI	002 003 005 017 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 076 PALLET 11 - BX-01 IMAGED TORO_003
M60050 / 000970 NONE MM NONE 00016	08-29-1995 **07-27-1995** NONE 10.4	MCAS EL TORO	JULY 27, 1995 RAB MEETING MINUTES	ADMIN RECORD INFO REPOSITORY	MTG MINS PUB. PARTICIPATI	002 003 005 017 024 025 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 076 PALLET 11 - BX-01 IMAGED TORO_003

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M60050 / 001067 NONE MM NONE 00007	12-11-1995 **07-27-1995** NONE 10.4	MCAS EL TORO RAB MEMBERS	JULY 27, 1995 RAB MEETING MINUTES	ADMIN RECORD INFO REPOSITORY	MTG MINS PUB. PARTICIPATI RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001068 NONE MM NONE 00010	12-11-1995 **08-31-1995** NONE 10.4	MCAS EL TORO RAB MEMBERS	AUGUEST 31, 1995 RAB MEETING MINUTES (PARTIALLY PRIVILEGED AND CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL	MTG MINS PUB. PARTICIPATI RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001069 NONE MISC NONE 00009	12-11-1995 **08-31-1995** NONE 10.4	MCAS EL TORO RAB MEMBERS	RAB MAILING LIST (PARTIALLY PRIVILEGED AND CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL	MAILING LST RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001055 NONE CORRESP NONE 00001	12-11-1995 **09-05-1995** NONE 10.1	BROWN, PISTONE, HU G.F. HURLEY NAVFAC - SOUTHWEST DIVISION J. JOYCE	REQUEST FOR APPLICATION FOR MEMBERSHIP IN THE RESTORATION ADVISORY BOARD (RAB)	ADMIN RECORD	RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001056 NONE LTR NONE 00002	12-11-1995 **09-12-1995** NONE 02.7	CITY OF IRVINE P. HERSH NAVFAC - SOUTHWEST DIVISION J. JOYCE	CONCERNS WITH COMMENTS DISCUSSED AT THE RAB MEETING ON AUGUST 31, 1995 REGARDING THE EE/CA FOR SITES 4,7, 11,13,14,19, & 20	ADMIN RECORD	COMMENTS RAB	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001057 NONE CORRESP N68711-92-D-4670 00009	12-11-1995 **09-14-1995** 00063 10.3	BECHTEL NATIONAL D.K. COWSER NAVFAC - SOUTHWEST DIVISION L. NUZUM	DRAFT AGENDA AND PUBLICE NOTICE SEPTEMBER 28, 1995 WITH RAB MAILING LIST (DOCUMENT MADE DISCLOSABLE)	ADMIN RECORD	MAILING LST PUB. PARTICIPATI RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001062 NONE MM NONE 00012	12-11-1995 **09-28-1995** NONE 10.4	MCAS EL TORO COMMUNITY MEMBER	SEPTEMBER 28, 1995 RAB MEETING MINUTES WITH ATTENDANCELIST (PARTIACLLY PRIVELEGED AND CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	MTG MINS PUB. PARTICIPATI RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001065 NONE MISC NONE 00004	12-11-1995 **10-01-1995** NONE 10.6	MCAS EL TORO COMMUNITY MEMBERS	FACT SHEET NO. 4 "UPDATE ON ENVIRONMENTAL RESTORATION PROGRAM AT MCAS EL TORO"	ADMIN RECORD	EE/CA FACT SHEET PUBNOT	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001070 NONE MISC NONE 00009	12-11-1995 **10-12-1995** NONE 10.4	MCAS EL TORO J. JOYCE RAB MEMBERS	NOTICE OF RAB MEETING FOR OCTOBER 26, 1995 AND RAB MAILING LIST (PARTIALLY PRIVILEGED AND CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	PUB. PARTICIPATI PUBNOT RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-01: IMAGED TORO_003

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M60050 / 001391 MISC NONE 00003	03-20-1996 **11-17-1995** NONE 10.6	MCAS EL TORO B. BARTELT BECHTEL NATIONAL A. SCHWARTZ	FAX OF PRESS RELEASE ANNOUNCING EXTENSION OF PUBLIC COMMENT PERIOD ON THE SEVEN SITES EE/CA	ADMIN RECORD	EE/CA PRESS REL PUB. PARTICIPATI PUBNOT	004 007 011 013 014 015 016 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004
M60050 / 001200 NONE LTR NONE 00005	01-23-1996 **12-04-1995** NONE 05.4	MCAS EL TORO J. JOYCE EPA SAN FRANCISC F. FELTER	LETTER TRANSMITTING COPY OF PUBLIC NOTICE EXTENDING PUBLIC COMMENT PERIOD ON EE/CA AND PRESS RELEASE ANNOUNCING EXTENDED COMMENT PERIOD	ADMIN RECORD	COMMENTS EE/CA	004 007 011 013 014 019 020 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 092 PALLET 11 - BX-02 IMAGED TORO_010

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M60050 / 001381 MISC N68711-92-D-4670 00044	03-19-1996 **01-01-1996** NONE 06.3	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	REQUEST FOR PETROLEUM EXCLUSION FOR SELECTED OPERABLE UNIT 3 SITES - DRAFT FOR DISCUSSION PURPOSES ONLY	ADMIN RECORD	OU PETROLEUM	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_003

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M60050 / 001433 CTO-0063/0210 MM N68711-92-D-4670 00021	04-03-1996 **01-12-1996** 00063 10.0	BECHTEL NATIONAL, INC. D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	DRAFT MINUTES FROM THE 30 NOVEMBER 1995 RESTORATION ADVISORY BOARD (RAB) MEETING; INCLUDES: SIGN-IN SHEETS, FLIER, AND RAB MAILING LIST	ADMIN RECORD INFO REPOSITORY	MTG MINS PIM PUBNOT RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 001402 MISC NONE 00039	03-20-1996 **02-27-1996** 00063 10.0	MCAS EL TORO C. WIEMERT BECHTEL NATIONAL B. COLEMAN	DOCUMENTS FOR 23 AND 24 FEBRUARY 1996 MCAS EL TORO RAB TOUR INCLUDES TOUR INFORMATION, PUBLIC NOTICE AND TOWN HALL FLIER	ADMIN RECORD INFO REPOSITORY	PUB. PARTICIPATI RAB	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 024 025 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-02 IMAGED TORO_004

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M60050 / 000159 NONE MM N68711-92-D-4670 00014	06-19-1996 **04-29-1996** 00079 00.0	BECHTEL NATIONAL D. COWSER NAVFAC - SOUTHWEST DIVISION P. KENNEDY	MINUTES FROM 17 MARCH 1996 WEEKLY BRAC CLEANUP TEAM MEETING HELD TO DISCUSS OPERABLE UNIT (OU) 2A, 2B, AND 3	ADMIN RECORD	BCP MTG MINS NFA OU TECH/GUID DOC.	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 11 - BX-00 IMAGED TORO_001

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M60050 / 001980 MISC NONE 00100	09-18-1997 **07-31-1996** NONE 10.3	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR JULY 31, 1996, RAB MEETING-AGENDA, HANDOUTS	ADMIN RECORD INFO REPOSITORY	BRAC CLEANUP GW LANDFILL MTG MINS PUB. PARTICIPATI PUBNOT RAB SOIL UST VOC WATER	002 003 005 015 017 018 019 020 024 025 OU 1 OU 2A OU 2B OU 2C OU 3 TANK 398	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011
M60050 / 001983 MISC NONE 00069	09-18-1997 **09-25-1996** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR SEPTEMBER 25, 1996, MEETING-AGENDA, HANDOUTS, & MINUTES OF JULY 31, 1996 RAB MTG., SIGN-IN SHEETS, REV. "BLUE SHEET"	ADMIN RECORD INFO REPOSITORY	CLEANUP MTG MINS PUB. PARTICIPATI PUBNOT SOIL	002 003 005 015 017 018 019 020 024 025 OU 1 OU 2A OU 2B OU 2C OU 3 TANK 398	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011

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M60050 / 001876 MISC NONE 00001	03-26-1997 **10-10-1996** NONE 10.3	LOS ANGELES TIMES GENERAL PUBLIC	PUBLIC NOTICE OF REMOVAL ACTIONS AT MAGAZINE ROAD LANDFILL, COMMUNICATION STATION LANDFILL AND AIRCRAFT EXPEDITIONARY REFUELING SITE	ADMIN RECORD INFO REPOSITORY	LF MAG RD LANDFIL PIM PUBNOT REMOVAL	002 017 019 OU 2B OU 3 UNIT 2	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_009
M60050 / 001877 MISC NONE 00001	03-26-1997 **10-10-1996** NONE 10.3	ORANGE COUNTY REGISTER GENERAL PUBLIC	PUBLIC NOTICE OF REMOVAL ACTIONS AT MAGAZINE ROAD LANDFILL, COMMUNICATION STATION LANDFILL AND AIRCRAFT EXPEDITIONARY REFUELING SITE	ADMIN RECORD INFO REPOSITORY	LF PUBNOT REMOVAL	002 017 019 OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04 IMAGED TORO_009

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M60050 / 001848 MISC NONE 00182	03-24-1997 **12-04-1996** NONE 10.4		DECEMBER 4, 1996 RAB MEETING PUBLIC INFO. MATERIALS INCLDS: MTG. AGENDA, DRF MTG. MIN., MEMBER SIGN-UP SHEET, FACT SHT.#7, EXEC.SUMRY ON DRFT RI OU 3A, ETC.	ADMIN RECORD INFO REPOSITORY	IRP PUB. PARTICIPATI RAB	002 003 004 005 006 008 009 010 011 012 013 015 016 017 018 019 020 021 022 024 OU 1 OU 2A OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-04! IMAGED TORO_009

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M60050 / 001981 MISC NONE 00182	09-18-1997 **12-04-1996** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR DECEMBER 4, 1996,RAB MEETING-AGENDA, HANDOUTS, & MINUTES OF SEPTEMBER 25, 1996, REVISED "BLUE SHEET" FOR 12/4/96 MTG.	ADMIN RECORD INFO REPOSITORY	CLEANUP LANDFILL MTG MINS OU PUB. PARTICIPATI PUBNOT RAB SOIL	002 003 004 005 006 008 009 010 011 012 013 015 016 017 018 019 021 022 OU 1 OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011

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M60050 / 001943 LTR N68711-92-D-4670 00003	05-28-1997 **03-18-1997** 00079 01.6	BECHTEL NATIONAL C. CARLISLE VARIOUS AGENCIES	TRNSMTL LETTER REGARDING DRAFT FINAL PHASE II REMEDIALINVESTIGATION REPORT OPERABLE UNIT 3A SITES(VOL.1-III)(REF.DOCS# 001824, 001825 & 001826)	ADMIN RECORD	OU RI	004 006 008 009 010 011 012 013 015 016 019 020 021 022 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 097 PALLET 12 - BX-05(IMAGED TORO_009

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M60050 / 001934 MISC N68711-92-D-4670 00018	05-28-1997 **05-28-1997** 0063B 10.4	BECHTEL NATIONAL C. CARLISLE VARIOUS AGENCIES	SITE (B) BASEWIDE COMMUNITY RELATIONS SUPPORT-INCLUDESMAY 28, 1997 RAB AGENDA, MARCH 26, 1997 DRAFT MEETING MINUTES, PUBLIC NOTICE & (MAILING LIST IN CONFIDNTL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CRP MTG MINS PUB. PARTICIPATI RAB	001 002 003 004 005 006 007 008 010 011 012 013 015 016 017 019 020 021 022 024 025 OU 1 OU 2C OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 1 000-00-0000 VISTA 097 PW - 37041243* IMAGED TORO_009

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M60050 / 001974 MISC NONE 00099	09-18-1997 **05-28-1997** NONE 10.3	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR MAY 28,1997, RAB MEETING-AGENDA, HANDOUTS & DRAFT MEETING MINUTES FROM MARCH 26, 1997 RAB MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS PUB. PARTICIPATI PUBNOT RAB	002 004 006 008 009 010 011 012 013 015 016 017 019 020 021 022 024 025 OU 2A OU 2B OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011
M60050 / 001959 MISC NONE 00001	06-30-1997 **06-20-1997** NONE 10.6	ORANGE COUNTY REPORTER GENERAL PUBLIC	NEWSPAPER ARTICLE: "ELEVEN EL TORO SITES WON'T NEED CLEANUP, MARINES SAY"	ADMIN RECORD INFO REPOSITORY	FUEL NEWSART PIM	004 006 009 010 013 015 019 020 021 022 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009

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M60050 / 001965 CTO-0079/0389 RPT N68711-92-D-4670 00599	07-23-1997 **07-10-1997** 00079 04.2	BECHTEL NATIONAL, INC. J. SCHOLFIELD VARIOUS AGENCIES	DRAFT PHASE II FEASIBILITY STUDY OPERABLE UNIT 3A SITES (SEE AR #3241 - DRAFT FEASIBILITY STUDY ADDENDUM)	ADMIN RECORD INFO REPOSITORY	FS GW NFA SOIL	002 008 011 012 017 OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009
M60050 / 001973 MISC NONE 00133	09-18-1997 **08-06-1997** NONE 10.3	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR AUGUST 6, 1997, RAB MEETING-AGENDA, HANDOUTS & DRAFT MEETING MINUTES FROM MAY 28, 1997 RAB MEETING	ADMIN RECORD INFO REPOSITORY	MTG MINS PUB. PARTICIPATI PUBNOT RAB	004 006 008 009 010 011 012 013 015 016 019 020 021 022 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_009

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M60050 / 001967 CTO-135/0034 RPT N68711-92-D-4670 00129	09-18-1997 **08-18-1997** 00135 05.1	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	DRAFT RECORD OF DECISION OPERABLE UNITS 2A AND 3A NO ACTION SITES	ADMIN RECORD	NFA OU ROD	004 006 009 010 013 015 019 020 021 022 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED
M60050 / 002059 CTO-0079/0431 MISC N68711-92-D-4670 00031	01-29-1998 **09-03-1997** 00079 10.4	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	COMPILED RESPONSE TO COMMENTS ON THE DRAFT PHASE II FEASIBILITY STUDY REPORT FOR OPERABLE UNIT 3A (VARIOUS DATES)	ADMIN RECORD INFO REPOSITORY	COMMENTS FS NFA RESPONSE	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05: IMAGED TORO_012

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M60050 / 001986 FAX NONE 00015	09-18-1997 **09-05-1997** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	ADVANCED SUBMITTAL OF FEDERAL FACILITIES AGREEMENT EXTENSION REQUEST FOR CHANGES TO THE DRAFT FINAL INTERIM RECORD OF DECISION (ROD) FOR OU 2A, OU 2B AND OU 2C	ADMIN RECORD	FFA ROD	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011

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M60050 / 001977 MISC NONE 00017	09-18-1997 **09-16-1997** NONE 10.1	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	DRAFT RESPONSIVENESS SUMMARY PROPOSED PLAN, NO ACTION SITES	ADMIN RECORD INFO REPOSITORY	CLEANUP GW NFA OU ROD SOIL VOC	004 006 009 010 013 015 019 020 021 022 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011
M60050 / 001979 NONE FAX NONE 00004	09-18-1997 **09-17-1997** NONE 10.3	MCAS EL TORO COMMANDING OFFICER BECHTEL NATIONAL, INC. B. COLEMAN	FAXED COPIES OF VARIOUS NEWS CLIPPINGS: PUBLIC NOTICE DATED 31 JULY 1997, PRESENTATION & DISCUSSION MEETING, IRP PROPOSED PLAN OPERABLE UNIT 2A, NO FURTHER ACTION OPERABLE UNIT 3A	ADMIN RECORD INFO REPOSITORY	GW NFA PIM PROPOSED PLAN PUBNOT ROD SOIL VOC	024 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 001987 CORRESP NONE 00018	09-18-1997 **09-18-1997** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	SUBMITTAL OF FEDERAL FACILITIES AGREEMENT EXTENSION REQUEST FOR CHANGES IN THE DRAFT FINAL INTERIM RECORD OF DECISION (ROD) FOR OU 2A, OU 2B AND OU 2C (SEE AR #2662 - CRWQCB RESPONSE)	ADMIN RECORD	BCT BRAC FFA ROD VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011

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M60050 / 001978 MISC N68711-92-D-4670 00016	09-18-1997 **09-24-1997** 0063B 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	RAB MEETING MAILER, AGENDA, & PUBLIC NOTICE OF SEPTEMBER 24, 1997, RAB MEETING MINUTES OF AUGUST 6, 1997 (MAILER IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CLEANUP CRP FFA INVESTIGATION MTG MINS PUB. PARTICIPATI RAB ROD SOIL	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 024 025 OU 2A OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 063 PALLET 12 - BX-05: IMAGED TORO_011

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M60050 / 002039 MISC NONE 00071	11-24-1997 **09-24-1997** NONE 10.6	MCAS EL TORO RAB RAB MEMBERS	SEPTEMBER 24,.1997, RAB MEETING; PUBLIC INFORMATION MATERIALS INCLUDES: RAB MTG.AGENDA, PUBLIC NOTICE, RAB MTG.MINS OF 8/6/97, MISC. AGENCIES COMMENTS	ADMIN RECORD INFO REPOSITORY	COMMENTS MTG MINS PUB. PARTICIPATI PUBNOT RAB	001 004 006 007 008 009 010 011 012 013 014 015 016 019 020 021 022 024 OU 2A OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012
M60050 / 002025 CTO-135/0102 CORRESP N68711-92-D-4670 00008	11-21-1997 **09-25-1997** 00135 01.6	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	RESPONSE TO COMMENTS ON DRAFT ROD, OU'S 2A AND 3A, NO ACTION SITES AND ASSOCIATED RESPONSIVENESS SUMMARY (VARIOUS DATES)	ADMIN RECORD INFO REPOSITORY	COMMENTS RESPONSE ROD	009 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002020 CTO-135/0086 RPT N68711-92-D-4670 00100	09-26-1997 **09-26-1997** 00135 05.1	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	DRAFT FINAL RECORD OF DECISION OPERABLE UNITS 2A AND 3A NO ACTION SITES (SEE AR #2663 - SIGNED SIGNATURE PAGE FROM CRWQCB)	ADMIN RECORD INFO REPOSITORY	ARAR ARSENIC BCT BRAC CANCER COPC COPEC DQO FFA GW METALS MONITORING MW NFA NPL OU PCB PCE PESTICIDES RAB RFA ROD SOIL SVOC SWMU TCE TPH UST VOC	004 006 009 010 013 015 019 020 021 022 025 OU 2A OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED

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M60050 / 002663 NONE LTR NONE 00005	05-28-2002 **09-29-1997** NONE	CRWQCB - RIVERSIDE L. VITALE MCAS EL TORO J. JOYCE	TRANSMITTAL OF SIGNED SIGNATURE PAGE FOR THE DRAFT FINAL RECORD OF DECISION OPERABLE UNITS 2A AND 3A NO ACTION SITES (SEE AR #2020 - ROD)	ADMIN RECORD BASE	ROD	004 006 009 010 013 015 019 020 021 022 024 025 OU 2A OU 3 OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_023
M60050 / 002026 CORRESP NONE 00022	11-21-1997 **10-29-1997** NONE 01.6	DTSC LONG BEACH M. MINGAY VARIOUS AGENCIES	RESPONSIVENESS SUMMARY FOR PROPOSED PLAN OU 2A VADOSE ZONE; FORWARDED TO INDIVIDUALS WHO SUBMITTED COMMENTS (MAILING LIST IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL	COMMENTS OU PUB. PARTICIPATI	007 008 009 010 011 022 024 BLDG. 296 BLDG. 297 OU 2A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012
M60050 / 002027 CORRESP NONE 00053	11-21-1997 **10-29-1997** NONE 01.6	DTSC LONG BEACH M. MINGAY VARIOUS AGENCIES	RESPONSIVENESS SUMMARY FOR PROPOSED PLAN OU 2A AND 3A NO ACTION SITES; FORWARDED TO INDIVIDUALS WHO SUBMITTED COMMENTS (MAILING LIST IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL	COMMENTS OU PUB. PARTICIPATI	009 024 025 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002030 MM N68711-92-D-4670 00020	11-21-1997 **11-19-1997** 00155 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	COMMUNITY RELATIONS SUPPORT-RAB MEETING AGENDA AND PUBLIC NOTICE FOR 12/3/97 RAB MEETING RAB MEETING SEPTEMBER 24, 1997 MTG. MIN.(MAILER IN CONFIDTL.FILE)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CLEANUP PUB. PARTICIPATI PUBNOT RAB	002 003 005 008 011 012 017 024 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012
M60050 / 002058 MISC NONE 00091	01-29-1998 **12-03-1997** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIAL/HANDOUTS INCLUDES: 12/3/97RAB MEETING AGENDA, PUB. NOTICE, SEPTEMBER 24, 1997 MTG MIN. RAB SIGN-IN SHEET & VARIOUS AGENCIES COMMENTS	ADMIN RECORD INFO REPOSITORY	COMMENTS LANDFILL PUB. PARTICIPATI RAB	002 003 005 008 011 012 017 024 OU 2A OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012
M60050 / 002055 MISC N68711-92-D-4670 00024	01-29-1998 **01-21-1998** 00155 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	JANUARY 28, 1998, RAB MEETING AGENDA,AND PUBLIC NOTICERAB AND NON RAB MEMBER SIGN-IN SHEET; DECEMBER 3, 1997MEETING MINUTES (MAILER IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CLEANUP CLOSURE MTG MINS PUB. PARTICIPATI RAB	001 002 003 004 005 017 OU 2B OU 2C OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-05 IMAGED TORO_012

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M60050 / 002148 MM NONE 00051	03-30-1998 **01-28-1998** NONE 10.4	MCAS EL TORO PUBLIC	PUBLIC INFORMATION MATERIALS INCLUDES: JANUARY 28, 1998 AGENDA, PUBLIC NOTICE, DECEMBER 3, 1997 FINAL MTG. MINS., SIGN-IN SHEETS, MISC. AGENCIES COMMENTS	ADMIN RECORD INFO REPOSITORY	BRAC CLEANUP COMMENTS IR MTG MINS PUB. PARTICIPATI RAB RESULTS ROD	001 002 003 004 005 008 011 012 017 024 OU 2A OU 2B OU 2C OU 3A TANK 398	SOUTHWEST DIVISION - BLDG. 1 BX-014 IMAGED TORO_015
M60050 / 002147 CTO-0155/0086 MM N68711-92-D-4670 00024	03-30-1998 **03-12-1998** 00155 10.4	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION	BASEWIDE COMMUNITY RELATIONS SUPPORT-MARCH 25, 1998 RAB AGENDA, JANUARY 28, 1998 MEETING MINUTES, RAB SIGN-IN SHEETS (MAILER IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS CRP FS LANDFILL MTG MINS PUB. PARTICIPATI RAB	002 003 005 007 008 011 012 OU 2B OU 2C OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-014 IMAGED TORO_015
M60050 / 002193 MISC NONE 00066	05-07-1998 **03-25-1998** NONE 10.6	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS/HANDOUTS INCLUDES: RAB MTG. AGENDA, PUBLIC NOTICE, JANUARY 28, 1998 MTG. MIN.MISC. PRESENTATIONS,AGCY. COMMENTS (MAILER IN CONFID.)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	COMMENTS EVALUATION LANDFILL MTG MINS PUB. PARTICIPATI RAB TECH/GUID DOC. VOC	002 003 005 017 024 OU 1 OU 2A OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_015

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M60050 / 002222 MISC NONE 00304	07-28-1998 **06-24-1998** NONE 01.1	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS JUNE 24, 1998 RAB MEETING AGENDA, PUBLIC NOTICE, 3/25/98, MTG. MINS. SIGN-IN SHEETS (NON-RAB MBRS. IN CONFID.FILE) MISC.HANDOUTS	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CLEANUP MTG MINS PUB. PARTICIPATI PUBNOT RAB	024 OU 1 OU 2A OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-015 IMAGED TORO_016
M60050 / 002250 CTO-0155/0217 PLAN N68711-92-D-4670 00013	08-31-1998 **07-24-1998** 155-2 03.3	BECHTEL NATIONAL, INC. D. TEDALDI VARIOUS AGENCIES	DRAFT PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES, OPERABLE UNIT 3, SITES 8, 11, AND 12	ADMIN RECORD	IRP NFA PIM SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016
M60050 / 002255 MM N68711-92-D-4670 00026	08-31-1998 **07-27-1998** 00155 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	RAB MEETING MAILER - RAB MEETING AGENDA & PUB. NOTICE FOR 7/29/98 RAB MEET; RAB MEETING MINUTES, 6/24/98 RABMEETING MINUTES (MAILING LIST IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	FFA LANDFILL PUB. PARTICIPATI PUBNOT RAB RADIATION VOC	007 008 011 012 014 016 OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016
M60050 / 002253 MM NONE 00081	08-31-1998 **07-29-1998** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR 7/29/98 RAB MEETING INCLUDING AGENDA/PUBLIC NOTICE, 6/24/98 FINAL MEETING MINUTES AND MISCELLANEOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	CLEANUP FS PUBNOT RAB RADIATION SV	007 008 011 012 014 016 OU 3 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-016 IMAGED TORO_016

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M60050 / 002285 MM N68711-92-D-4670 00020	10-06-1998 **09-17-1998** 00155 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	RAB MEETING MAILER-RAB MEETING AGENDA & PUBLIC NOTICE FOR 9/30/98 RAB MEETING, 7/29/98 RAB MEETING MINUTES (SIGN-IN SHEETS & MAILING LIST IN CONFIDENTIAL FILE)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CLOSURE LANDFILL MTG MINS PUB. PARTICIPATI PUBNOT RAB SVEI UST	007 008 011 012 014 016 024 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-017 IMAGED TORO_016
M60050 / 002299 NONE CORRESP NONE 00011	12-22-1998 **09-21-1998** NONE 10.1	DTSC - CYPRESS T. MAHMOUD MCAS EL TORO J. JOYCE	COMMENTS ON DRAFT PROPOSED PLAN FOR OPERABLE UNIT (OU) 3, SITES 8, 11 AND 12 {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL	COMMENTS LANDFILL NFA OU SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_017
M60050 / 002289 NONE MTG MINS NONE 00183	10-06-1998 **09-30-1998** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR THE 30 SEPTEMBER 1998 RESTORATION ADVISORY BOARD (RAB) MEETING [INCLUDES AGENDA, PUBLIC NOTICE, 07/29/98 MEETING MINUTES AND MISCELLANEOUS HANDOUTS] (PORTION OF SIGN-IN SHEETS IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	CLOSURE LANDFILL MTG MINS PUB. PARTICIPATI PUBNOT RAB SVEI UST	002 007 008 011 012 014 017 024 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_016

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M60050 / 002295 NONE MISC NONE 00008	11-17-1998 **11-03-1998** NONE 01.1	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT (FFA) APPENDIX A SCHEDULE EXTENSION REQUEST FOR DRAFT RECORD OF DECISION, OPERABLE UNIT 2C, LANDFILL SITES 3 AND 5 {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL	FFA FFSRA LF ROD	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_016

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M60050 / 002298 MM N68711-92-D-4670 00024	11-25-1998 **11-25-1998** 00155 10.4	BECHTEL NATIONAL D. TEDALDI VARIOUS AGENCIES	RAB MEETING MAILER: AGENDA AND PUBLIC NOTICE FOR 12/2/98 RAB MEETING, RAB MEETING MINUTES, 9/30/98 RAB MEETING MINUTES (RAB MAILING LIST IN CONF. FILE)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	MTG MINS PUB. PARTICIPATI PUBNOT RAB ROD SOIL	002 003 005 007 008 011 012 014 016 017 024 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_017
M60050 / 002301 NONE CORRESP NONE 00014	12-22-1998 **11-30-1998** NONE 01.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	REQUEST FOR CHANGE TO THE FEDERAL FACILITY AGREEMENT (FFA) APPENDIX A SCHEDULE WITH TECH MEMO ON RISK MANAGEMENT CONSIDERATIONS FOR OPERABLE UNIT (OU) 3, SITES 8, 11 AND 12 {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD CONFIDENTIAL	FFA NFA RISK TECH MEMO	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_017
M60050 / 003230 NONE PUB NOTICE NONE 00014	02-14-2005 **12-01-1998** NONE	MCAS EL TORO GENERAL PUBLIC	DRAFT FACT SHEET: PROPOSED PLAN FOR THE CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD BASE INFO REPOSITORY		008 011 012	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 002303 MM NONE 00087	12-22-1998 **12-02-1998** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FOR DECEMBER 2, 1998 RAB MEETING; AGENDA, PUBLIC NOTICE, SEPTEMBER 30, 1998 RAB MEETING MINUTES AND MISCELLANEOUS HANDOUTS	ADMIN RECORD INFO REPOSITORY	GW LF MTG MINS PUBNOT RAB UST	001 002 007 008 011 012 014 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3A OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-018 IMAGED TORO_017
M60050 / 002401 MISC NONE 00094	05-03-1999 **01-27-1999** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS FROM JANUARY 27, 1999 RESTORATION ADVISORY BOARD MEETING; INDLUDING PUBLIC NOTICE, AGENDA, HANDOUTS, 12/2/98 RAB MEETING MINUTES	ADMIN RECORD	MTG MINS PIM PUBNOT RAB VOC	008 011 012 024 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002383 CTO-0155/0402 PLAN N68711-92-D-4670 00018	04-13-1999 **02-04-1999** 00155 02.1	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	DRAFT FINAL PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD INFO REPOSITORY	PROPOSED PLAN SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_013

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M60050 / 002384 LTR N68711-92-D-4670 00008	04-13-1999 **02-05-1999** 00161 01.6	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION G. STEINWAY	REVISED COST ESTIMATES FOR THE OU-3A PROPOSED PLAN, SITE 8 UNIT 3 ALTERNATIVES 2 THROUGH 5, AND SITES 11 AND 12 ALTERNATIVE 4 - DTD 2/99	ADMIN RECORD	COST OU PROPOSED PLAN	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002389 CTO-0155/0412 LTR N68711-92-D-4670 00015	04-13-1999 **02-19-1999** 00155 10.1	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	RESPONSE TO COMMENTS DRAFT PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD	CLEANUP COMMENTS RESPONSE SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002390 LTR NONE 00016	04-13-1999 **02-22-1999** NONE 10.1	DTSC J. HUFF MCAS EL TORO J. JOYCE	COMMENTS ON DRAFT FINAL PROPOSED PLAN	ADMIN RECORD	COMMENTS PROPOSED PLAN	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002717 CERT. MAIL NO. P115386417 LTR NONE 00005	06-04-2002 **03-08-1999** NONE	MCAS EL TORO J. JOYCE US EPA - SAN FRANCISCO G. KISTNER	REQUEST FOR CHANGES TO FEDERAL FACILITIES AGREEMENT SCHEDULE FOR PRIMARY DOCUMENTS, SCHEDULE FOR OPERABLE UNIT 2C AGREED UPON DURING 4 MARCH 1999 BCT PHONE CONFERENCE, WITH ADDDITIONAL EXTENSION REQUEST FOR OPERABLE UNITS 2B AND 3 W/ENCLOSURE	ADMIN RECORD BASE	BCT BRAC FFA LF MAG RD LANDFIL QAPP ROD	002 003 005 007 008 011 012 014 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002718 CERT. MAIL NO. P115386418 LTR NONE 00005	06-04-2002 **03-08-1999** NONE	MCAS EL TORO J. JOYCE DTSC - CYPRESS J. SCANDURA	REQUEST FOR CHANGES TO FEDERAL FACILITIES AGREEMENT SCHEDULE FOR PRIMARY DOCUMENTS, SCHEDULE FOR OPERABLE UNIT 2C AGREED UPON DURING 4 MARCH 1999 BCT PHONE CONFERENCE, WITH ADDDITIONAL EXTENSION REQUEST FOR OPERABLE UNITS 2B AND 3 W/ENCLOSURE	ADMIN RECORD BASE	BCT BRAC FFA LF MAG RD LANDFIL QAPP ROD	002 003 005 007 008 011 012 014 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002719 CERT. MAIL NO. P115386419 LTR NONE 00005	06-04-2002 **03-08-1999** NONE	MCAS EL TORO J. JOYCE CRWQCB - RIVERSIDE P. HANNON	REQUEST FOR CHANGES TO FEDERAL FACILITIES AGREEMENT SCHEDULE FOR PRIMARY DOCUMENTS, SCHEDULE FOR OPERABLE UNIT 2C AGREED UPON DURING 4 MARCH 1999 BCT PHONE CONFERENCE, WITH ADDDITIONAL EXTENSION REQUEST FOR OPERABLE UNITS 2B AND 3 W/ENCLOSURE	ADMIN RECORD BASE	BCT BRAC FFA LF MAG RD LANDFIL QAPP ROD	002 003 005 007 008 011 012 014 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002395 LTR N68711-92-D-4670 00023	04-13-1999 **03-17-1999** 00155 10.1	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	RESPONSE TO COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR CLEANUP	ADMIN RECORD	COMMENTS OU PROPOSED PLAN RESPONSE SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017

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M60050 / 002396 CTO-0155/0446 PLAN N68711-92-D-4670 00018	04-13-1999 **03-17-1999** 00155 03.3	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	REVISED DRAFT FINAL - PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD INFO REPOSITORY	LF METALS PAH PCB PETROLEUM PROPOSED PLAN ROD SOIL SVOC VOC	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 002410 MISC NONE 00065	05-19-1999 **04-21-1999** NONE 10.4	MCAS EL TORO RAB MEMBERS	PUBLIC INFORMATION MATERIALS: PUBLIC NOTICE AND AGENDA FOR 4/21/99 RAB MEETING, MINUTES FROM 1/27/99 RAB MEETING AND VARIOUS HANDOUTS	ADMIN RECORD	LANDFILL PUB. PARTICIPATI PUBNOT RAB SOIL	002 003 005 008 011 012 017 OU 2B OU 2C OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017

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M60050 / 002406 LTR NONE 00008	05-03-1999 **04-29-1999** NONE 03.6	MCAS EL TORO J. JOYCE VARIOUS AGENCIES	REQUEST FOR CHANGES IN FEDERAL FACILITY AGREEMENT SCHEDULE - THIRTY DAY EXTENSION FOR SUBMITTAL OF THE DRAFT FINAL PROPOSED PLAN FOR OPERABLE UNITS 1 AND 2A GROUNDWATER REMEDIATION (SEE AR #2705 - DTSC RESPONSE)	ADMIN RECORD	FFA GW PROPOSED PLAN	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017

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M60050 / 000421 CTO-0155/0482 PLAN N68711-92-D-4670 00030	04-19-2000 **05-01-1999** 155-2	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	FINAL PROPOSED PLAN - FOR CLEANUP AT THREE SHALLOW SOIL SITES (MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL	ARAR GW LF METALS NFA OU PAH PCB PESTICIDES PP REMEDIAL ACTIO ROD SOIL SVOC VOC	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014
M60050 / 000040 NONE MEMO NONE 00001	08-04-1999 **05-06-1999** NONE 10.3	ORANGE COUNTY REGISTER PUBLIC INTEREST	PUBLIC NOTICE OF PUBLIC REVIEW AND COMMENT PERIOD FOR CLEANUP AT OU-3, SITES 8, 11 AND 12	ADMIN RECORD	BRAC IRP PUBNOT SOIL	008 011 012	SOUTHWEST DIVISION - BLDG. 1 SW01013101 IMAGED TORO_014
M60050 / 000043 NONE MEMO NONE 00001	08-04-1999 **05-06-1999** NONE 10.3	LOS ANGELES TIMES PUBLIC INTEREST	PUBLIC NOTICE OF PUBLIC REVIEW AND COMMENT PERIOD FOR CLEANUP AT OU-3, SITES 8, 11 AND 12	ADMIN RECORD	BRAC IRP PUBNOT SOIL	008 011 012	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_014

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M60050 / 002407 PLAN NONE 00029	05-04-1999 **05-06-1999** NONE 03.3	NAVFAC - SOUTHWEST DIVISION G. TINKER VARIOUS AGENCIES	FINAL PROPOSED PLAN FOR CLEANUP	ADMIN RECORD	OU PROPOSED PLAN SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-020 IMAGED TORO_017
M60050 / 000038 NONE MEMO NONE 00001	08-04-1999 **05-19-1999** NONE 10.3	LOS ANGELES TIMES/ORANGE CNTY PUBLIC INTEREST	PUBLIC NOTICE OF PUBLIC MEETING AND RESTORATION ADVISORY BOARD MEETING TO BE HELD 5/26/99	ADMIN RECORD	IRP PUBNOT RAB SOIL	002 008 011 012 017	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_014
M60050 / 000039 NONE MEMO NONE 00001	08-04-1999 **05-19-1999** NONE 10.3	ORANGE COUNTY REGISTER PUBLIC INTEREST	PUBLIC NOTICE OF PUBLIC MEETING AND RESTORATION ADVISORY BOARD MEETING TO BE HELD 5/26/99	ADMIN RECORD	BRAC IRP PUBNOT RAB	002 008 011 012 017	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_014
M60050 / 000037 NONE MM NONE 00058	08-04-1999 **05-26-1999** NONE 10.4	EL TORO RAB RAB MEMBERS	RESTORATION ADVISORY BOARD MEETING AGENDA AND HANDOUTS FOR THE 5/26/99 RAB MEETING WITH 4/21/99 RAB MEETING MINUTES (NON-RAB SIGN-IN SHEETS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL	FS MTG MINS RAB RI	008 011 012	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_014

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M60050 / 000056 NONE MEMO NONE 00004	08-04-1999 **05-26-1999** NONE 10.4	HAHN & BOWERSOCK CORP J. BURGNER NAVFAC - SOUTHWEST DIVISION	TRANSCRIPT OF 5/26/99 PUBLIC COMMENT MEETING FOR PROPOSED PLAN FOR CLEANUP	ADMIN RECORD	MTG MINS PUBNOT SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000066 NONE MM NONE 00148	08-04-1999 **05-26-1999** NONE 10.5	MCAS EL TORO PUBLIC INTEREST	PUBLIC INFORMATION MATERIALS FOR PUBLIC MEETING HELD 5/26/99 ON PROPOSED PLAN FOR CLEANUP AT OPERABLE UNIT 3, SITES 8, 11 AND 12	ADMIN RECORD	IRP RAB SOIL VOC WATER WELLS	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000422 CTO-0155/0471 PLAN N68711-92-D-4670 00021	04-19-2000 **06-01-1999** 155-2	BECHTEL NATIONAL, INC. D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	SIGN-OFF VERSION FINAL PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES	ADMIN RECORD	METALS NFA OU PAH PCB PESTICIDES REMEDIAL ACTIO SLUDGE SOIL SVOC	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014

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M60050 / 000072 CTO-0164/0024 RPT N68711-92-D-4670 00150	08-04-1999 **06-03-1999** 00164 05.1	BNI D. TEDALDI NAVFAC - SOUTHWEST DIVISION R. SELBY	DRAFT - RECORD OF DECISION FOR OPERABLE UNIT 3A, SITES 8, 11 AND 12 (COMMENTS CAN BE REFERENCED AT REF. #112 & #406)	ADMIN RECORD	AOC CERCLA FFA FS IAS IRP NPL OCWD OSHA PCB PCE RCRA RI ROD SVOC TCE TPH VOC	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 000060 NONE LTR NONE 00005	08-04-1999 **06-07-1999** NONE 03.1	EL TORO MASTER DEVELOPMENT PRO C. WIERCIOCH MCAS EL TORO J. JOYCE	COMMENTS ON PROPOSED PLAN FOR CLEANUP AT THREE SHALLOW SOIL SITES (SEE AR #2383 - PROPOSED PLAN)	ADMIN RECORD	COMMENTS ROD SOIL	002 008 011 012 017 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000064 NONE LTR NONE 00002	08-04-1999 **06-07-1999** NONE 05.4	BL ASSOCIATES C. BENNETT MCAS EL TORO J. JOYCE	COMMENTS BY RESTORATION ADVISORY BOARD COMMUNITY CO-CHAIR ON THE PROPOSED PLAN (SEE AR #2383 - PROPOSED PLAN)	ADMIN RECORD	CERCLA COMMENTS ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010

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M60050 / 000061 NONE LTR NONE 00006	08-04-1999 **06-15-1999** NONE 10.1	US DEPT. OF THE INTERIOR J. BARTEL BRAC EL TORO J. JOYCE	DEPT. OF INTERIOR COMMENTS ON PROPOSED PLAN FOR CLEANUP AT AT THREE SHALLOW SOIL SITES (SEE AR #2383 - PROPOSED PLAN)	ADMIN RECORD	COMMENTS LF PAH PCB ROD SOIL VOC	002 008 011 012 017 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000019 CTO-0155/0544 CORRESP N68711-92-D-4670 00031	08-03-1999 **07-15-1999** 00155 10.4	BECHTEL NATIONAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	RESTORATION ADIVISORY BOARD MEETING MAILER: AGENDA AND PUBLIC NOTICE FOR 28 JULY 1999 RAB MEETING WITH 26 MAY 1999 MEETING MINUTES (MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL	FOSL GW MTG MINS PUBNOT RAB	008 011 012 OU 1 OU 2A	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_014
M60050 / 000059 CTO-0164/0053 RPT N68711-92-D-4670 00016	08-04-1999 **07-19-1999** 00164 10.1	BECHTEL NATIONAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	DRAFT RESPONSIVENESS SUMMARY ASSOCIATED WITH DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3, SITES 8, 11, AND 12 (REF. A.R. #72)	ADMIN RECORD	COMMENTS LF ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_010
M60050 / 000134 NONE MISC NONE 00118	09-09-1999 **07-28-1999** NONE 10.4	EL TORO RAB RAB MEMBERS	PUBLIC INFORMATION MATERIALS FROM 7/28/99 RESTORATION ADVISORY BOARD MEETING WITH 5/26/99 RAB MEETING MINUTES AND VARIOUS HANDOUTS (PORTION OF MAILING LIST AND SIGN-IN-SHEETS ARE CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL	MTG MINS RAB	001 002 003 005 008 012 017 024 OU 1 OU 2A OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_014

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M60050 / 000104 NONE MISC NONE 00003	09-08-1999 **08-02-1999** NONE 10.1	DTSC - CYPRESS T. MAHMOUD MCAS EL TORO J. JOYCE	DTSC COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3A, SITES 8, 11 AND 12 (REF. A.R. #72)	ADMIN RECORD	COMMENTS LF ROD SOIL	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013
M60050 / 000137 CTO-0155/0563 MM N68711-92-D-4670 00020	09-09-1999 **08-04-1999** 00155 10.4	BECHTEL NATIONAL INC T. HEIRONIMUS VARIOUS AGENCIES	RESTORATION ADVISORY BOARD SUBCOMMITTEE MEETING MINUTES AND RAB MEMBER DOCUMENT COMMENTS PRESENTED AT THE 7/28/99 RAB MEETING	ADMIN RECORD	COMMENTS MTG MINS RAB	001 002 003 005 008 012 017 018 024	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013
M60050 / 000112 NONE MISC NONE 00010	09-09-1999 **08-12-1999** NONE 10.1	EL TORO MASTER DEVELOPMENT PRO M. LAPIN MCAS EL TORO D. GOULD	LOCAL REDEVELOPMENT AUTHORITY COMMENTS ON THE DRAFT RECORD OF DECISION FOR SITES 8, 11 AND 12 (REF. A.R. #72 & #406)	ADMIN RECORD	COMMENTS LF ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013
M60050 / 000406 NONE LTR NONE 00005	04-19-2000 **08-12-1999** NONE	U.S. EPA, SAN FRANCISCO, CA G. KISTNER NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION (ROD) (REPORT AND COMMENTS CAN BE REFERENCED AT REF. #72 & #112)	ADMIN RECORD	ARAR COMMENTS HRA LF OU PCB RCRA ROD	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014

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M60050 / 000127 NONE MISC NONE 00002	09-09-1999 **08-19-1999** NONE 10.1	CRWQCB SANTA ANA P. HANNON MCAS EL TORO D. GOULD	CRWQCB COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3 SITES 8, 11 AND 12 (SEE AR #72)	ADMIN RECORD	COMMENTS ROD SOIL	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-001 IMAGED TORO_013
M60050 / 000143 CTO-0178/0076 RPT N68711-92-D-4670 02530	09-09-1999 **09-07-1999** 00178 03.4	BECHTEL NATIONAL, INC. J. SCHOLFIELD VARIOUS AGENCIES	DRAFT PHASE II REMEDIAL INVESTIGATION REPORT, ATTACHMENTS O AND P, FOR OPERABLE UNIT 3B, SITES 7 & 14 (INCLUDES REPLACEMENT COVER PAGES FOR VOLS II & III, DATED MARCH 2000 - CTO 0178/0107-2) {SEE AR #363 - DTSC COMMENTS}	ADMIN RECORD INFO REPOSITORY	METALS RI SOIL VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 PROBLEM FILE CABINET
M60050 / 002876 NONE LTR NONE 00001	12-09-2002 **09-09-1999** NONE	LOCAL REDEVELOPMENT AUTHORITY P. MODANLOU US EPA - SAN FRANCISCO G. KISTNER	COMMENTS AND CONCERNS THE LOCAL REDEVELOPMENT AUTHORITY WOULD LIKE ADDRESSED BEFORE FINALIZATION OF THE DRAFT RECORD OF DECISION FOR SITE 11	ADMIN RECORD BASE	CANCER REMEDIAL ACTIO ROD	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 000176 CTO-0164/0092 MISC N68711-92-D-4670 00025	09-27-1999 **09-15-1999** 00164 10.1	BECHTEL NATIONAL INC T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION G. TINKER	RESPONSE TO COMMENTS ON THE DRAFT RECORD OF DECISION FOR OU-3A, SITES 8, 11 AND 12 (REF. A.R. #000072)	ADMIN RECORD	COMMENTS ROD	008 011 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-002 IMAGED TORO_013

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M60050 / 000177 CTO-0164/0091 RPT N68711-92-D-4670 00204	09-27-1999 **09-17-1999** 00164 05.1	BECHTEL NATIONAL INC T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION G. TINKER	DRAFT FINAL - RECORD OF DECISION FOR OU-3A, SITE 11 - REPLACEMENT PAGES TRANSMITTED ON 9/29/99 AND 10/1/99 WERE INSERTED IN THIS DOCUMENT ON 10/8/99 (SEE AR #2978 - FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES)	ADMIN RECORD	ROD SOIL	011 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-002 IMAGED TORO_013
M60050 / 000423 CTO-0155/0602 MISC N68711-92-D-4670 00005	04-19-2000 **09-22-1999** 155-2	BECHTEL NATIONAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION R. SELBY	DRAFT PUBLIC NOTICE FOR ANNOUNCING THE SIGNING OF THE RECORD OF DECISION (ROD)	ADMIN RECORD	OU PCB PUBNOT REMEDIAL ACTIO ROD SOIL	011 OU 3A	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014
M60050 / 002877 NONE LTR NONE 00003	12-09-2002 **09-28-1999** NONE	LOCAL REDEVELOPMENT AUTHORITY P. MODANLOU NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR SITE 11 (SEE AR #177 - ROD)	ADMIN RECORD BASE	CANCER COC COMMENTS FFA ROD	011 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 000350 NONE MM NONE 00152	04-13-2000 **12-01-1999** NONE	VARIOUS NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE DECEMBER 1, 1999 RESTORATION ADVISORY BOARD (RAB) MEETING (PORTIONS OF MAILING LIST ARE CONFIDENTIAL - RAB AGENDA & MEETING MINUTES FROM 9/29/99 CAN BE REFERENCED AT REF. #243)	ADMIN RECORD CONFIDENTIAL	APHO BCP BRAC BTEX DDT EOD FS IRP LUFT MTBE NFA OU PAH PCE PESTICIDES PIM QAPP RAB RI ROD SOIL SVE SVOC SWMU TCE TDS UST UXO VOC	001 002 003 005 007 008 011 012 014 016 017 018 024 APHO 10 APHO 28 APHO 30 APHO 35 APHO 37 APHO 41 APHO 8 APHO 9 BLDG. 296 BLDG. 297 BLDG. 368 BLDG. 47 OU 1 OU 2A OU 2B OU 2C OU 3 OU 3B SWMU 46 UST 278 UST 298A UST 298B	SOUTHWEST DIVISION - BLDG. 1 SW01011005 IMAGED TORO_014

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								UST 380	
								UST 388B	
								UST 390	
								UST 391	
								UST 392E	
								UST 392F	
								UST 462	
								UST 473	
								UST 47A	
								UST 47B	
								UST 637	
								UST 651	
								UST 673	
								UST 800	
								UST 891A	
								UST 891B	
								UST 891C	
								UST 902A	
								UST 902B	
								UST 902C	

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M60050 / 000273 NONE CORRESP NONE 00008	03-15-2000 **12-15-1999** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD RAB, COMMITTEE CHAIRMAN G. HURLEY	RESPONSE TO RESTORATION ADVISORY BOARD (RAB) COMMITTEE CHAIRMAN COMMENTS DATED 11/2/99, TO THE BASE REALIGNMENT AND CLOSURE (BRAC) PLAN (REFERENCE AR #377 - COMMENTS BY TECHNICAL REVIEW COMMITTEE & AR #2392 BRAC CLEANUP PLAN)	ADMIN RECORD INFO REPOSITORY	APHO BCP COMMENTS HRA IRP RFA TRC UST	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013
M60050 / 000265 SWDIV SER 06CC.KF/0780 LTR NONE 00020	03-09-2000 **12-21-1999** NONE	NAVFAC - SOUTHWEST DIVISION D. SAKAMOTO DTSC, CYPRESS, CA J. SCANDURA	LAND USE COVENANT AGREEMENTS AND RECORDS OF DECISION (RODS). (WITH ENCLOSURES) - (RESPONSE TO 12/21/99 LETTER TO DTSC CAN BE REFERENCED AT REF. #349)	ADMIN RECORD INFO REPOSITORY	LANDFILL LUC ROD	002 003 005 017 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-004 IMAGED TORO_013

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M60050 / 000441 NONE LTR NONE 00004	04-26-2000 **01-13-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD U.S. EPA, SAN FRANCISCO, CA G. KISTNER	TECHNICAL MEMORANDUM, REMEDIAL ACTION STRATEGY (SEE AR #305 - DTSC COMMENTS, AR #634 - CRWQCB COMMENTS & AR #2430 - LRA COMMENTS)	ADMIN RECORD	PCB REMEDIAL ACTIO REMEDIATION SWMU TECH MEMO	011 OU 3 SWMU 244 SWMU 7	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 000357 NONE MM NONE 00108	04-13-2000 **01-26-2000** NONE	VARIOUS NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE JANUARY 26, 2000 RESTORATION ADVISORY BOARD (RAB) MEETING (PORTIONS OF MAILING LIST ARE CONFIDENTIAL - RAB MEETING MINUTES AND AGENDA FROM 12/1/99 CAN BE REFERENCED AT REF. #312)	ADMIN RECORD CONFIDENTIAL	BRAC FFA GW HRA IRP IWTP MTBE OU PIM RAB ROD SVE SWMU TEPH TVPH UST VOC	001 002 012 017 BLDG. 296 OU 3 UST 47A UST 47B	SOUTHWEST DIVISION - BLDG. 1 BX-006 IMAGED TORO_014
M60050 / 002430 NONE LTR NONE 00002	06-20-2001 **02-14-2000** NONE	EL TORO MASTER DEVELOPMENT PRO M. LAPIN NAVFAC - SOUTHWEST DIVISION D. GOULD	LOCAL REDEVELOPMENT AUTHORITY COMMENTS ON THE TECHNICAL MEMORANDUM, REMEDIAL ACTION STRATEGY FOR THE TRANSFORMER STORAGE AREA (SEE AR #441 - TECH MEMO)	ADMIN RECORD BASE	COMMENTS PCB ROD SOIL TECH MEMO	011 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 000390 NONE LTR NONE 00006	04-18-2000 **02-17-2000** NONE	MASTER DEVLP PROG, SANTA ANA M. LAPIN DTSC, CYPRESS, CA T. CHESNEY	TRANSMITTAL OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS FOR THE PROPOSED REMEDIATION OF SOIL AND GROUNDWATER AT SITE 16, OPERABLE UNIT 3B (PRELIMINARY LIST OF ARARS ATTACHED)	ADMIN RECORD	ARAR COMMENTS DRINKING WATE GW LUFT OU	016 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07: IMAGED TORO_024
M60050 / 000309 CTO-0200/0044 PLAN N68711-92-D-4670 00013	04-06-2000 **03-01-2000** 00200	BECHTEL NATIONAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	DRAFT PROPOSED PLAN FOR NO FURTHER ACTION (INCLUDES TRANSMITTAL LETTERS TO CRWQCB & US EPA) {SEE AR #446 & 493 - LETTER & DTSC COMMENTS}	ADMIN RECORD INFO REPOSITORY	NFA OU PAH SVOC TPH VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-005 IMAGED TORO_014
M60050 / 000446 SWDIV SER 06CC.DG/159 LTR NONE 00004	04-27-2000 **03-08-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD VARIOUS AGENCIES	DRAFT PROPOSED PLAN DATED MARCH 2000 SENT TO REGULATORS FOR REVIEW AND COMMENTS {SEE AR #309 & 493 - DRAFT PROPOSED PLAN & DTSC COMMENTS}	ADMIN RECORD INFO REPOSITORY	OU PROPOSED PLAN	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013
M60050 / 000493 NONE LTR NONE 00007	07-24-2000 **05-16-2000** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PROPOSED PLAN DATED MARCH 2000 (WITH ENCLOSURE - ADDITIONAL COMMENTS FROM KIMBERLY FOREMAN PUBLIC PARTICIPATION SPECIALIST) {SEE AR #309 & 446 - DRAFT PROPOSED PLAN & LETTER}	ADMIN RECORD INFO REPOSITORY	COMMENTS PROPOSED PLAN	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013

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M60050 / 000479 CTO-0200/0089 PLAN N68711-92-D-4670 00017	07-13-2000 **07-01-2000** 00200	BECHTEL NATIONAL INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PROPOSED PLAN FOR OPERABLE UNIT (INCLUDES CONSOLIDATED RESPONSE TO COMMENTS ON DRAFT PROPOSED PLAN; COMMENTS FROM U.S. EPA & DTSC)	ADMIN RECORD INFO REPOSITORY	ARSENIC CANCER COMMENTS COPC ERA GW HERBICIDE METALS NFA PAH PESTICIDES PUBNOT RI ROD SOIL SVOC TPH TRPH VOC	007 014 BLDG. 245 BLDG. 246 BLDG. 296 BLDG. 297 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-007 IMAGED TORO_013

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M60050 / 000498 CTO-0200/0095 MISC N68711-92-D-4670 00041	08-03-2000 **07-19-2000** 00200	BECHTEL NATIONAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MAILER - INCLUDES AGENDA & PUBLIC NOTICE FOR THE 26 JUL 2000 MEETING. ALSO, INCLUDES RAB MEETING MINUTES & ATTACHMENTS FROM THE 31 MAY 2000 MEETING. (MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD CONFIDENTIAL INFO REPOSITORY	GW LANDFILL MTG MINS PCE RAB RI ROD TCA TCE UST VOC	001 002 003 005 012 016 017 018 024 BLDG. 1789 BLDG. 1803 BLDG. 307 BLDG. 787 OU 1 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 000551 NONE PLAN NONE 00249	10-18-2000 **07-24-2000** NONE	ROY F. WESTON, INC. B. CHRISTENSEN NAVFAC - SOUTHWEST DIVISION	DRAFT RADIOLOGICAL SURVEY PLAN - REVISION 1 DATED JULY 2000 INCLUDES TRANSMITTAL LETTER TO VARIOUS AGENCIES (SEE AR #2737 - LRA COMMENTS)	ADMIN RECORD INFO REPOSITORY	AOC RADIATION SSHP	001 002 003 005 008 012 017 025 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014

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M60050 / 000528 CTO-0200/0132 PLAN N68711-92-D-4670 00010	09-26-2000 **09-01-2000** 00200	BECHTEL NATIONAL INC. NAVFAC - SOUTHWEST DIVISION	FINAL PROPOSED PLAN FOR OPERABLE UNIT 3 (INCLUDES MAILING LIST, PARTS OF WHICH SHOULD BE CONSIDERED CONFIDENTIAL) - SEE AR #666 FOR COMMENTS	ADMIN RECORD CONFIDENTIAL	ARSENIC CANCER COMMENTS HERBICIDE METALS NFA PAH PESTICIDES PLAN PUBNOT RI RISK ROD SOIL SVOC TPH VOC	007 014 BLDG. 245 BLDG. 296 BLDG. 297 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014

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M60050 / 000537 NONE MM NONE 00004	10-04-2000 **09-25-2000** NONE	RAB SUBCOMMITTEE CHAIR C. BENNETT NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) REVIEW COMMITTEE (RAB SUBCOMMITTEE) MAIN AGENDA ISSUES SINCE 7/26/00	ADMIN RECORD	COMMENTS DCA EOD FS GW HRA LF MONITORING MTBE MTG MINS MW PCE POTW RAB ROD SOIL STORMWATER TCE TECH MEMO TPH UST WATER WELLS WORK PLAN	002 005 012 016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014

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M60050 / 000603 NONE MISC NONE 00157	12-21-2000 **09-27-2000** NONE	RESTORATION ADVISORY BOARD NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS - RESTORATION ADVISORY BOARD (RAB) MEETING DATED 9/27/00 INCLUDES AGENDA AND PUBLIC NOTICE, RAB MEETING MINUTES FROM 7/26/00, RAB SUBCOMMITTEE MEETING MINUTES FROM 6/28/00 AND 05/10/00 (CORRECTED), HANDOUTS, AND LETTERS	ADMIN RECORD CONFIDENTIAL	IRP MTG MINS OU PUBNOT RAB	001 002 003 005 007 014 016 017 018 024 OU 1 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_014
M60050 / 000554 SWDIV SER 06CC.DG/843 LTR NONE 00004	10-23-2000 **10-17-2000** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB, SANTA ANA REGION J. BRODERICK	FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE EXTENSION REQUEST FOR DRAFT RECORD OF DECISION (ROD), DROP TANK DRAINAGE AREA #2 AND BATTERY ACID DISPOSAL AREA W/ ENCLOSURE (SEE AR #2432 - RESPONSE FROM CRWQCB)	ADMIN RECORD BASE INFO REPOSITORY	DISPOSAL FFA OU ROD TANK	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 000553 NONE LTR NONE 00001	10-23-2000 **10-20-2000** NONE	USEPA, SAN FRANCISCO G. KISTNER NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO NAVY'S FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE EXTENSION REQUEST DATED SEPTEMBER 25, 2000 FOR DRAFT PROPOSED PLAN AND RECORD OF DECISION (ROD), CRASH CREW PIT #2	ADMIN RECORD BASE INFO REPOSITORY	FFA OU ROD SITE	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-008 IMAGED TORO_014
M60050 / 000604 NONE MISC NONE 00175	12-26-2000 **10-25-2000** NONE	RESTORATION ADVISORY BOARD NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS - PUBLIC MEETING, PROPOSED PLAN - NO FURTHER ACTION DATED 10/25/00 INCLUDES PUBLIC MEETING AGENDA, PUBLIC MEETING OVERVIEW, FORMAL PRESENTATION/PUBLIC COMMENT MEETING, PUBLIC MEETING TRANSCRIPT, MATERIALS, AND HANDOUTS	ADMIN RECORD	BRAC IRP MTG MINS NFA OU RAB UST VOC	007 014 024 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_014

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M60050 / 000611 NONE MISC NONE 00048	01-03-2001 **10-25-2000** NONE	HAHN & BOWERSOCK CORPORATION J. BURGNER NAVFAC - SOUTHWEST DIVISION	FORMAL PRESENTATION/PUBLIC COMMENT MEETING TRANSCRIPT, PROPOSED PLAN - NO FURTHER ACTION	ADMIN RECORD BASE	BCT COMMENTS NFA OU PAH RI ROD SVOC VOC	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015
M60050 / 000612 NONE MISC NONE 00005	01-03-2001 **10-25-2000** NONE	HAHN & BOWERSOCK CORPORATION J. BURGNER NAVFAC - SOUTHWEST DIVISION	COMMENTS SUBMITTED TO REPORTER TRANSCRIPT, PROPOSED PLAN - NO FURTHER ACTION	ADMIN RECORD BASE	COMMENTS NFA	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015
M60050 / 002432 NONE LTR NONE 00001	06-20-2001 **10-30-2000** NONE	CRWQCB - RIVERSIDE J. BRODERICK NAVFAC - SOUTHWEST DIVISION D. GOULD	CRWQCB CONCURS WITH REQUEST FOR EXTENSION TO THE FEDERAL FACILITY AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE DROP TANK DRAINAGE AREA AND THE BATTERY ACID DISPOSAL AREA (SEE AR #554 - REQUEST)	ADMIN RECORD BASE	DISPOSAL FFA TANK	007 014 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 000586 CTO-0164/0197 MISC N68711-92-D-4670 00383	11-27-2000 **11-01-2000** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #692 - COMMENTS BY DTSC, AR #694 - COMMENTS BY LRA, AR #1305 - COMMENTS BY CRWQCB. & #1478 - COMPILED RESPONSES)	ADMIN RECORD BASE	AOC ARAR ARSENIC COPC DDD DDE DDT DISPOSAL DQO FFA FS GW HERBICIDE IAS LF LUFT METALS MONITORING MW NFA PAH PCB PCE PESTICIDES PUBNOT RAB ROD SB SOIL SVE SVOC SWMU TCE TPH TRPH	007 014 016 018 024 025 BLDG. 245 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-009 IMAGED TORO_014

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					VOC WELLS		
M60050 / 000666 NONE LTR NONE 00017	02-20-2001 **11-08-2000** NONE	LOCAL REDEVELOPMENT AUTHORITY R. RICHARDSON MCAS EL TORO D. GOULD	COMMENTS ON THE PROPOSED PLAN FOR OPERABLE UNIT 3 (SEE AR #528 - PROPOSED PLAN) - SEE AR #528 FOR PROPOSED PLAN	ADMIN RECORD BASE	ARSENIC CANCER COMMENTS DISPOSAL GW METALS PAH PESTICIDES SOIL SOLVENTS SVOC TPH VOC WATER	007 014 BLDG. 245 BLDG. 296 BLDG. 297 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018
M60050 / 000613 NONE PLAN NONE 00327	01-04-2001 **11-13-2000** NONE	ROY F. WESTON, INC. B. CHRISTENSEN NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL RADIOLOGICAL SURVEY PLAN - REVISION 2 DATED NOVEMBER 2000 INCLUDES RESPONSE TO COMMENTS ON THE DRAFT RADIOLOGICAL SURVEY PLAN (*SEE COMMENTS) {SEE AR #675 - DHS COMMENTS & #981 - LRA COMMENTS}	ADMIN RECORD BASE INFO REPOSITORY	AOC IRP RAB ROD SSHP	001 002 003 005 008 012 017 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015

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M60050 / 000605 NONE MISC NONE 00179	12-26-2000 **11-29-2000** NONE	RESTORATION ADVISORY BOARD NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS - RESTORATION ADVISORY BOARD (RAB) MEETING DATED 11/29/00 INCLUDES AGENDA AND PUBLIC NOTICE, RAB MEETING MINUTES FROM 9/27/00, AND RAB SUBCOMMITTEE MEETING MINUTES FROM 7/20/00 AND 08/30/00, HANDOUTS, AND LETTERS	ADMIN RECORD CONFIDENTIAL	IRP MTG MINS OU PUBNOT RAB SWMU UST	001 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015
M60050 / 000627 CTO-0200/0188 MISC N68711-92-D-4670 00032	01-18-2001 **01-18-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MAILER INCLUDING: AGENDA & PUBLIC NOTICE FOR 31 JAN 2001 MEETING, MINUTES FROM 29 NOV 2000 MEETING, SUBCOMMITTEE MINUTES OF 29 NOV 2000 & 25 OCT 2000 & MAILING LIST (PARTS OF MAIL LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL	CLOSURE COMMENTS DCA EE/CA EOD GW LF METALS MONITORING ORDNANCE PUBNOT RAB ROD SOIL SOIL BORING SOLVENTS SVOC TANK TCE TPH TRC UST VOC WELLS	001 002 003 005 007 012 014 016 017 018 024 OU 1 OU 2 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-010 IMAGED TORO_015

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M60050 / 000694 NONE LTR NONE 00020	02-22-2001 **01-19-2001** NONE	LOCAL REDEVELOPMENT AUTHORITY G. SIMON MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #586 - DRAFT ROD)	ADMIN RECORD BASE INFO REPOSITORY	ARSENIC CANCER COMMENTS PAH ROD TPH	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018
M60050 / 000692 NONE CORRESP NONE 00004	02-22-2001 **01-22-2001** NONE	DTSC - CYPRESS T. CHESNEY MCAS EL TORO D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #586 - DRAFT ROD)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS DISPOSAL GW MONITORING ROD SOIL TANK VOC WELLS	007 014 018 024 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_018
M60050 / 001322 NONE LTR NONE 00001	03-29-2001 **01-24-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX MCAS EL TORO D. GOULD	US EPA RESPONSE TO REQUEST FOR A CHANGE TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE WITH AN 18-WEEK EXTENSION FOR SUBMITTAL OF DRAFT RECORD OF DECISION AND DRAFT PROPOSED PLAN - USEPA GRANTS REQUEST	ADMIN RECORD BASE INFO REPOSITORY	FFA FS ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_022
M60050 / 001319 NONE LTR NONE 00003	03-29-2001 **01-25-2001** NONE	DTSC - CYPRESS J. SCANDURA MCAS EL TORO D. GOULD	DTSC RESPONSE TO REQUEST FOR A CHANGE TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE WITH AN 18-WEEK EXTENSION FOR SUBMITTAL OF DRAFT RECORD OF DECISION AND DRAFT PROPOSED PLAN - DTSC GRANTS REQUEST	ADMIN RECORD BASE INFO REPOSITORY	FFA FS GW ROD SOIL WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_022

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M60050 / 000859 SWDIV SER 06CC.DG/0142 PLAN NONE 00331	03-27-2001 **01-29-2001** NONE	ROY F. WESTON, INC. B. CHRISTENSEN NAVFAC - SOUTHWEST DIVISION	FINAL RADIOLOGICAL SURVEY PLAN, REV. 3 - INCLUDES RESPONSE TO AGENCY COMMENTS ON THE DRAFT FINAL RADIOLOGICAL SURVEY PLAN (DHS, US EPA & EL TORO LRA COMMENTS ON THE DRAFT FINAL) [INCLUDES SWDIV TRANSMITTAL LETTER] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	AOC APHO DATA DQO EOD GW HRA LF QAPP RADIATION RADIONUCLIDES SOIL SSHP UXO	001 002 003 005 012 017 025 ANOMALY AF APHO 38 BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 295 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 1 SW05101901 IMAGED TORO_025

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M60050 / 000639 CTO-0164/0215 MISC N68711-92-D-4670 00054	02-01-2001 **01-31-2001** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT RESPONSIVENESS SUMMARY WHICH INCLUDES: RESPONSES TO WRITTEN COMMENTS RECEIVED DURING THE PUBLIC COMMENT PERIOD, ATTACHMENT A, AND RESPONSES TO COMMENTS RECEIVED AT THE PUBLIC MEETING (SEE AR #958 - COMMENTS & #1478 - COMPILED RESPONSES TO COMMENTS)	ADMIN RECORD BASE	ARSENIC BCT BRAC CANCER COMMENTS COPC GW HERBICIDE LF METALS NCP PAH PCB PESTICIDES RESPONSE RI RISK ROD SB SOIL SVOC TPH TRPH VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-011 IMAGED TORO_017

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M60050 / 000963 NONE MISC NONE 00160	03-29-2001 **01-31-2001** NONE	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE JANUARY 31, 2001 RESTORATION ADVISORY BOARD MEETING INCLUDING: RAB MEETING AGENDA/PUBLIC NOTICE, MEETING MINUTES FROM THE 11/29/00 RAB MEETING, RAB MEETING SCHEDULE, VARIOUS HANDOUTS	ADMIN RECORD BASE CONFIDENTIAL	COMMENTS GW LF MONITORING MTG MINS PIM PUBNOT RAB ROD SOIL TCE UST WELLS	001 002 003 005 007 008 012 014 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018
M60050 / 001305 NONE LTR NONE 00001	03-29-2001 **02-16-2001** NONE	CRWQCB - RIVERSIDE J. BRODERICK MCAS EL TORO D. GOULD	CRWQCB COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #586 - DRAFT ROD)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS DISPOSAL PETROLEUM REMEDIAL ACTIO ROD TANK TPH TRPH WATER	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018

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M60050 / 000981 NONE LTR NONE 00002	03-29-2001 **02-26-2001** NONE	COUNTY OF ORANGE - LRA G. SIMON MCAS EL TORO D. GOULD	LOCAL REDEVELOPMENT AUTHORITY DOES NOT BELIEVE THAT SUBMITTING FURTHER COMMENTS ON THE FINAL RADIOLOGICAL SURVEY PLAN WOULD BE PRODUCTIVE OR APPROPRIATE AT THIS TIME (SEE AR #613 - DRAFT FINAL SURVEY, #675 - COMMENTS ON DRAFT FINAL & #859 - FINAL SURVEY)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS HRA RADIOLOGICAL	001 002 003 005 012 017 025 ANOMALY AF BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 295 BLDG. 319 BLDG. 360 BLDG. 787	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 IMAGED TORO_018
M60050 / 000958 NONE MISC NONE 00017	03-27-2001 **03-01-2001** NONE	COUNTY OF ORANGE G. SIMON MCAS EL TORO D. GOULD	COMMENTS BY THE LOCAL REDEVELOPMENT AUTHORITY ON THE DRAFT REPOSIVENESS SUMMARY - FINAL PROPOSED PLAN FOR THE DROP TANK DRAINAGE AREA NO. 2 AND THE BATTERY ACID DISPOSAL AREA (SEE AR #639-REPONSIVENESS SUMMARY)	ADMIN RECORD BASE INFO REPOSITORY	ARSENIC COC COMMENTS DISPOSAL FUEL GW REMEDIAL ACTIO RI SEDIMENTS SOIL TANK TPH TRPH	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-012 IMAGED TORO_018

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M60050 / 001732 NONE MISC NONE 00170	05-10-2001 **03-21-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE RESTORATION ADVISORY BOARD (RAB) MEETING OF 21 MARCH 2001 INCLUDES: AGENDA & PUBLIC NOTICE, RAB MEETING MINUTES FROM 31 JAN 2001 AND VARIOUS HANDOUTS	ADMIN RECORD BASE CONFIDENTIAL	COMMENTS EOD LF MAG RD LANDFIL MTG MINS ORDNANCE PIM PUBNOT RAB	001 002 017 018 024 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018
M60050 / 003075 NONE CORRESP NONE 00002	05-03-2004 **03-29-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	NO COMMENTS ON THE DRAFT RESPONSIVENESS SUMMARY PROGRAM	ADMIN RECORD BASE	COMMENTS OU	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 1 BX-021 IMAGED TORO_025
M60050 / 001478 CTO-0164/0233 MISC N68711-92-D-4670 00037	04-25-2001 **04-23-2001** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	COMPILED RESPONSE TO COMMENTS ON THE DRAFT RECORD OF DECISION FOR THE TANK DROP DRAINAGE AREA AND THE BATTERY ACID DISPOSAL AREA (SEE AR #692/#694/#1305 - DTSC/LRA/CRWQCB COMMENTS; #639 - RESPONSIVENESS SUMMARY; #586 - DRAFT RECORD OF DECISION	ADMIN RECORD BASE	ARSENIC BCT COMMENTS GW METALS PAH RAB RESPONSE ROD SOIL SWMU TPH TRPH VOC	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_018

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M60050 / 002427 SWDIV SER 06CC.DG/0523 LTR NONE 00005	06-04-2001 **05-23-2001** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD US EPA - SAN FRANCISCO N. MOUTOUX	REQUEST FOR EXTENSION TO FEDERAL FACILITY AGREEMENT FOR A DRAFT RECORD OF DECISION AND DRAFT PROPOSED PLAN FOR THE CRASH CREW PIT #2	ADMIN RECORD BASE INFO REPOSITORY	BCP BCT BRAC FFA FS GW ROD SOIL TECH MEMO	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002439 NONE MM N68711-92-D-4670 00236	06-25-2001 **05-30-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE 30 MAY 2001, RESTORATION ADVISORY BOARD (RAB) MEETING, INCLUDING MINUTES AND VARIOUS HANDOUTS (PORTION OF SIGN-IN SHEETS ARE CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL	BRAC GW LF MTG MINS PA RAB RD REMEDIAL ACTIO ROD SOIL UST VOC WORK PLAN	001 002 003 005 016 017 018 024 BLDG. 307 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 003491 NONE CORRESP NONE 00003	05-05-2006 **05-30-2001** NONE	DTSC - CYPRESS J. SCANDURA BRAC PMO WEST D. GOULD	DTSC APPROVAL OF THE EXTENSION REQUEST FOR CHANGES TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR OPERABLE UNIT (OU) 3, SITE 16	ADMIN RECORD BASE	FFA OU	016 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 001512 CTO-0164/0234 & 0234-1 MISC N68711-92-D-4670 00445	04-26-2001 **06-01-2001** 00164	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL RECORD OF DECISION FOR NO ACTION SITES - TANK DROP DRAINAGE AREA NO. 2 & THE BATTERY ACID DISPOSAL AREA (THIS DOCUMENT IS CONSIDERED FINAL AS OF JUNE 1, 2001 - NEW SIGNATURE PAGE, REPLACEMENT COVER & TITLE PAGE INSERTED INTO DOCUMENT)	ADMIN RECORD BASE	AOC ARAR BCP BCT BRAC CANCER COC COPC DDD DDE DDT DQO FFA FS GW HERBICIDE LUFT METALS NCP NPL PAH PCB PCE PESTICIDES PRG PUBNOT RAB RFA ROD SEDIMENTS SOIL SVE SVOC SWMU TCE	007 014 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_022

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					TPH TRPH VOC WATER		
M60050 / 002434 CTO-0200/0243 & SWDIV SER 06CC.DG/0640 PLAN N68711-92-D-4670 00023	06-20-2001 **06-01-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2552 - EPA COMMENTS & #2554 - DTSC COMMENTS) (INCLUDES TRANSMITTAL LETTER FROM D. GOULD)	ADMIN RECORD BASE	CANCER FUEL GW METALS MONITORING PAH PIM PUBNOT RISK ROD SOIL SOLVENTS SVOC TCE TPH VOC	016 OU 3 UNIT 1 UNIT 2 UNIT 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017

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M60050 / 002446 CTO-0200/0252 MISC N68711-92-D-4670 00037	07-12-2001 **07-25-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MAILER INCLUDING: AGENDA AND PUBLIC NOTICE FOR MEETING, MINUTES AND ATTACHMENTS FROM 30 MAY 2001 MEETING (PORTION OF MAILING LIST AND SIGN-IN SHEETS ARE CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL	BCT CHAR EOD GW LF MTG MINS MW ORDNANCE PIM PUBNOT RAB SOIL TCE UXO VOC WELLS WORK PLAN	001 002 012 017 018 024 BLDG. 307 OU 1 OU 2A OU 2B OU 3 TANK FARM !	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 089 PALLET 12 - BX-07: IMAGED TORO_017
M60050 / 002491 NONE MISC NONE 00180	09-04-2001 **07-25-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FROM THE RESTORATION ADVISORY BOARD (RAB) MEETING INCLUDING: AGENDA AND PUBLIC NOTICE, MINUTES AND ATTACHMENTS FROM 5/30/01 MEETING, SUBCOMMITTEE HANDOUTS & LETTERS, LETTERS FROM VARIOUS REGULATORY AGENCIES	ADMIN RECORD BASE	COMMENTS LF MTG MINS ORDNANCE PIM PUBNOT RAB	001 002 003 005 016 017 018 024 BLDG. 307 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_019

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M60050 / 002552 NONE LTR NONE 00003	10-17-2001 **08-16-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2434 - PROPOSED PLAN)	ADMIN RECORD BASE INFO REPOSITORY	ARAR COMMENTS GW NFA PAH SOIL VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002554 NONE LTR NONE 00006	10-17-2001 **08-17-2001** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2434 - PROPOSED PLAN)	ADMIN RECORD BASE INFO REPOSITORY	ARAR CANCER COMMENTS GW METALS SOIL SOLVENTS TCE VOC	016 OU 3 UNIT 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002885 NONE MISC NONE 00008	12-10-2002 **09-14-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY REPORT AND THE DRAFT PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2437 - FS AND #2434 - PROPOSED PLAN)	ADMIN RECORD BASE	ARAR BCT BRAC COMMENTS DRINKING WATE FS GW MPE MW PROPOSED PLAN SOIL SOLVENTS SVE TCE TOC TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_022

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M60050 / 002534 CTO-0200/0278 MISC N68711-92-D-4670 00026	09-19-2001 **09-19-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MAILER; INCLUDES: AGENDA & PUBLIC NOTICE FOR 19 SEP 2001 MEETING, AND MINUTES AND ATTACHMENTS FROM 25 JUL 2001 MEETING (CONTAINS MAILING LIST PARTS OF WHICH SHOULD BE CONSIDERED CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL	BCT BRAC CLOSURE EOD GW LF MAG RD LANDFIL MTG MINS ORDNANCE RAB SOIL TCE WELLS	001 002 003 004 005 008 012 017 024 025 ANOMALY AF BLDG. 1789 BLDG. 1803 BLDG. 242 BLDG. 243 BLDG. 244 BLDG. 319 BLDG. 360 BLDG. 787 HANGAR 295 OU 1 OU 2A OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002566 CTO-0200/0319 MISC N68711-92-D-4670 00186	10-31-2001 **09-19-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) PUBLIC INFORMATION MATERIALS; INCLUDES: AGENDA & PUBLIC NOTICE FOR 19 SEP 2001 MEETING, MEETNG MINUTES AND ATTACHMENTS FROM 25 JUL 2001 MEETING & REGULATORY AGENCY COMMENTS AND LETTERS	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC CLOSURE COMMENTS GW MTG MINS MW PIM PUBNOT RAB SOIL WELLS	002 003 005 008 016 BLDG. 296 BLDG. 307 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020
M60050 / 002572 NONE RPT NONE 00088	11-26-2001 **11-16-2001** NONE	NAVFAC - SOUTHWEST DIVISION L. HORNECKER NAVFAC - SOUTHWEST DIVISION	SUMMARY REPORT - SITE 07GN1 - WITHIN THE DROP TANK DRAINAGE AREA NUMBER 2, FORMER TOTAL RECOVERABLE PETROLEUM HYDROCARBON RELEASE	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC GW MTBE ROD SOIL SOIL BORING SOLVENTS TCE TPH TRPH WELLS	007 024 07GN1 BLDG. 310 BLDG. 315 OU 2A OU 3 UNIT 5	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002574 CTO-0200/0327 MISC N68711-92-D-4670 00029	11-26-2001 **11-28-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MAILER INCLUDES: AGENDA & PUBLIC NOTICE, 19 SEPTEMBER MEETING MINUTES, & 30 MAY SUBCOMMITTEE MEETING MINUTES (INCLUDES MAILING LIST PARTS OF WHICH SHOULD BE CONSIDERED CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	DCE EOD FFA FOST FS FUEL GW LF MAG RD LANDFIL MTG MINS NFA ORDNANCE PA PUBNOT RAB RD REMEDIAL ACTIO RI ROD SI SOIL TCE UXO VOC	001 002 004 006 007 008 009 010 011 012 013 014 015 016 017 018 020 021 022 024 025 BLDG. 307 OU 1 OU 2A OU 2B OU 3 TANK FARM !	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002598 CTO-0200/0340 MISC N68711-92-D-4670 00234	01-16-2002 **11-28-2001** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS WHICH INCLUDES: RAB MEETING AGENDA/PUBLIC NOTICE, 19 SEPTEMBER MINUTES & 30 MAY SUBCOMMITTEE MEETING MINUTES, RAB MEETING SCHEDULE, NOVEMBER PROPOSED PLAN FOR GROUNDWATER, VARIOUS HANDOUTS, AGENCY COMMENTS AND LETTERS	ADMIN RECORD BASE INFO REPOSITORY	AST BCP BCT BRAC COMMENTS COPC CRP EOD FOSL FOST GW MTG MINS MW NCP NPL ORDNANCE PAH PCB PCE PESTICIDES PIM PUBNOT RAB ROD SOIL SOLVENTS SVE SVOC SWAT SWMU TCE UST VOC WATER WELLS	002 004 006 008 009 010 011 012 013 016 017 018 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002600 SWDIV SER 06CC.DG/1250 CORRESP NONE 00002	01-17-2002 **11-28-2001** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD DTSC - CYPRESS T. CHESNEY	REQUEST FOR EXTENSION TO FEDERAL FACILITIES AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW PIT NO. 2 FOR SIX MONTHS (SEE AR #2770 - EPA RESPONSE)	ADMIN RECORD BASE INFO REPOSITORY	BCT BRAC FFA GW MONITORING ROD SOIL	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 SW05072801
M60050 / 002770 NONE LTR NONE 00001	07-01-2002 **12-06-2001** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR EXTENSION TO FEDERAL FACILITIES AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW PIT NO. 2 FOR SIX MONTHS - EPA GRANTS REQUEST (SEE AR #2600 - REQUEST)	ADMIN RECORD BASE	FFA FS ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002587 SWDIV SER 06CC.DG/1292 MISC N62742-94-D-0048 00012	12-13-2001 **12-07-2001** 00072	NAVFAC - SOUTHWEST DIVISION D. GOULD DTSC, CRWQCB, & US EPA CHESNEY, HANNON, & MOUTOUX	TRANSMITTAL OF COMPILED RESPONSE TO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM PHASE II EVALUATION OF RADIONUCLIDES IN GROUNDWATER AT FORMER LANDFILL SITES AND THE EXPLOSIVE ORDNANCE DISPOSAL RANGE {COMMENTS BY DHS, LRA, EPA} (SEE AR #2550 - COMMENTS)	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS COPC EOD GW LF MW ORDNANCE RADIONUCLIDES RESPONSE WELLS	001 002 003 004 005 017 024 OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 12 SW02062001 - PACKAGE IMAGED TORO_020
M60050 / 003503 NONE CORRESP NONE 00002	05-05-2006 **12-07-2001** NONE	DTSC - CYPRESS J. SCANDURA BRAC PMO WEST D. GOULD	DTSC APPROVAL OF THE EXTENSION REQUEST FOR CHANGES TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR OPERABLE UNIT (OU) 3, SITE 16	ADMIN RECORD BASE	FFA OU	016 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 002601 CTO-0200/0343 MISC N68711-92-D-4670 00034	01-17-2002 **01-30-2002** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MAILER - INCLUDES AGENDA AND PUBLIC NOTICE AND MINUTES AND ATTACHMENTS FROM THE 28 NOV 2001 RAB MEETING (CONTAINS MAILING LIST PARTS OF WHICH SHOULD BE CONSIDERED CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	EIS EOD GW LF MW NFA ORDNANCE PCB PIM PUBNOT RAB RD ROD SI TCE VOC WELLS	001 002 003 004 005 007 008 011 012 017 024 025 ANOMALY AF BLDG. 307 OU 2A OU 2B OU 2C OU 3 OU 3B	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_020

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M60050 / 002607 CTO-0200/0360 MISC N68711-92-D-4670 00188	03-07-2002 **01-30-2002** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) PUBLIC INFORMATION MATERIALS - INCLUDES AGENDA, PUBLIC NOTICE AND MINUTES FROM 19 SEP 2001 MEETING, AGENCY COMMENTS & LETTERS, VARIOUS PRESENTATION AND INFORMATION MATERIALS	ADMIN RECORD BASE INFO REPOSITORY	ASBESTOS BCT BRAC COMMENTS DCA EIS EOD GW LF MAG RD LANDFIL MTG MINS ORDNANCE PCB PIM PUBNOT RAB RD ROD SOIL SOLVENTS TCE	001 002 003 005 008 016 017 ANOMALY AF BLDG. 1789 BLDG. 1803 BLDG. 307 BLDG. 319 BLDG. 360 BLDG. 787 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 088 PALLET 12 - BX-06 IMAGED TORO_020
M60050 / 002838 NONE MISC NONE 00009	11-19-2002 **03-08-2002** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 1 AND OPERABLE UNIT 2A AND THE DRAFT RESPONSIVENESS SUMMARY FOR THE REGIONAL VOLATILE ORGANIC COMPOUND GROUNDWATER PLUME AND THE VOC SOURCE AREA (SEE AR #2596 - ROD & #2603 - SUMMARY)	ADMIN RECORD BASE CONFIDENTIAL	ARAR COMMENTS COPC GW MOA MONITORING MW PERCHLORATE ROD RS SOIL TCE VOC WELLS	001 002 017 018 024 OU 1 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002614 CTO-0200/0371 MISC N68711-92-D-4670 00035	04-04-2002 **03-27-2002** 00200	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD (RAB) MEETING MAILER - INCLUDES AGENDA AND PUBLIC NOTICE FOR THE 27 MAR 2002 MEETING WITH MINUTES AND ATTACHMENTS FROM THE 30 JAN 2002 RAB MEETING	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	EM GW LF MAG RD LANDFIL MW PIM PUBNOT RAB RCRA RSE SEDIMENTS SOIL SVOC TPH VOC WELLS	002 003 005 016 017 018 024 ANOMALY AF BLDG. 307 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 088 PALLET 12 - BX-06 IMAGED TORO_020
M60050 / 002631 CTO-0038/0014 MISC N68711-95-D-7526 00190	05-21-2002 **03-27-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS INCLUDING: RESTORATION ADVISORY BOARD MEETING AGENDA & PUBLIC NOTICE FROM 27 MARCH 2002 MEETING; MINUTES FROM THE 30 JANUARY 2002 RAB MEETING; INFORMATION SHEETS; VARIOUS REGULATORY AGENCY LETTERS, & PRESENTATION MATERIALS	ADMIN RECORD BASE CONFIDENTIAL	BCT BRAC FACT SHEET GW PIM PUBNOT RAB SOIL TECH MEMO VOC	001 002 003 005 016 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_023

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M60050 / 002618 SWDIV SER 06CC.DG/0317 MISC N68711-92-D-4670 00060	04-18-2002 **03-29-2002** 178 & 200	NAVFAC - SOUTHWEST DIVISION D. GOULD US EPA, CRWQCB, DTSC MOUTOUX, HANNON, CHESNEY	TRANSMITTAL OF COMPILED RESPONSE TO COMMENTS ON THE DRAFT TECHNICAL MEMORANDUM MULTIPHASE EXTRACTION PILOT STUDY, DRAFT FINAL PHASE II FOCUSED FEASIBILITY STUDY, & THE DRAFT PROPOSED PLAN FOR THE CRASH CREW PIT NO. 2 {COMMENTS BY CRWQCB, DTSC, US EPA}	ADMIN RECORD BASE INFO REPOSITORY	ARAR BCT CANCER COMMENTS FS GW MW PAH PID RESPONSE ROD SOIL SVE SVOC TCE TECH MEMO TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 000-00-0000 VISTA 088 PALLET 12 - BX-06 IMAGED TORO_020

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M60050 / 002759 CTO-0038/0018 MM N68711-95-D-7526 00034	06-06-2002 **05-29-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD MEETING MAILER - RAB MEETING AGENDA AND PUBLIC NOTICE WITH MINUTES AND SIGN-IN SHEETS FROM THE 27 MARCH 2002 MEETING (CONTAINS MAILING LIST PARTS OF WHICH SHOULD BE CONSIDERED CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	BCP CANCER CRP DCA EBS GUID GW LF MONITORING MTG MINS MW PCB PCE PIM PUBNOT RAB ROD RSE SEDIMENTS SOIL SOLVENTS STORMWATER TCE VOC WATER WELLS	001 002 003 005 011 016 017 018 024 025 ANOMALY AF BLDG. 307 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021

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M60050 / 002792 CTO-0038/0045 MTG MINS N68711-95-D-7526 00159	08-27-2002 **05-29-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 29 MAY 2002 RESTORATION ADVISORY BOARD MEETING AGENDA & PUBLIC NOTICE; MINUTES FROM THE 27 MARCH 2002 RAB MEETING; INFORMATION SHEETS; VARIOUS REGULATORY AGENCY LETTERS, & PRESENTATION MATERIALS	ADMIN RECORD BASE INFO REPOSITORY	BCP BCT BRAC CANCER COMMENTS DCA DCE FOST FS GW MONITORING MTG MINS PCE PIM PUBNOT RAB RI ROD SEDIMENTS SOIL TCE VOC WATER WELLS	001 002 003 005 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026
M60050 / 002894 NONE CORRESP NONE 00001	12-12-2002 **06-11-2002** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR AN EXTENSION FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW TRAINING PIT NO. 2 - EPA CONCURS WITH THE REQUEST TO EXTEND THE DATE FROM 3 JUNE TO 25 NOVEMBER 2002	ADMIN RECORD BASE	FFA ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-023 IMAGED TORO_025

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M60050 / 002843 NONE CORRESP NONE 00004	11-20-2002 **06-14-2002** NONE	DTSC - CYPRESS J. SCANDURA NAVFAC - SOUTHWEST DIVISION D. GOULD	RESPONSE TO REQUEST FOR EXTENSION TO THE DEADLINE ACCORDING TO THE FEDERAL FACILITIES AGREEMENT FOR THE DRAFT RECORD OF DECISION FOR THE CRASH CREW PIT NO. 2 - DTSC GRANTS EXTENSION	ADMIN RECORD BASE CONFIDENTIAL	BRAC FFA GW MONITORING ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-023 IMAGED TORO_025
M60050 / 002780 CTO-0161/0377 & SWDIV SER 06CC.MS/0752 PLAN N68711-92-D-4670 00019	08-27-2002 **07-01-2002** 00161	BECHTEL NATIONAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 [INCLUDES SWDIV TRANSMITTAL LETTER FROM D. GOULD]	ADMIN RECORD BASE	ARSENIC CANCER FS GW METALS PAH PROPOSED PLAN REMEDIAL ACTIO RI ROD SOIL SVOC TCE TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06: IMAGED TORO_021

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M60050 / 002786 CTO-0038/0033 MM N68711-95-D-7526 00027	08-27-2002 **07-31-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD MEETING AGENDA & PUBLIC NOTICE FOR 31 JULY MEETING AND MINUTES & ATTACHMENTS FROM 29 MAY 2002 MEETING (INCLUDES MAILING LIST PORTIONS OF WHICH ARE CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	BCT BGS BRAC BTEX EBS FOSL FOST GW LANDFILL LUFT MTG MINS PCE PIM PUBNOT RAB ROD SOIL TCE TPH UST VOC	001 002 016 017 018 024 OU 1 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002820 CTO-0038/0070 MISC N68711-95-D-7526 00177	10-17-2002 **07-31-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS FOR THE 31 JULY 2002 RESTORATION ADVISORY BOARD MEETING [INCLUDES AGENDA, MINUTES, VARIOUS HANDOUTS, 29 MAY 2002 AND 27 MARCH 2002 RAB SUBCOMMITTEE MEETING MINUTES, GUIDANCE DOCUMENTS AND PRESENTATION MATERIALS	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	AST BCT BRAC BTEX EBS FFA FOSL FOST GW LF MTG MINS MW PCE PIM PIPELINE PUBNOT RAB ROD SOIL SOIL BORING SOLVENTS TCE TPH VOC WELLS	001 002 003 005 016 017 018 024 BLDG. 435 OU 1 OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002855 NONE MISC NONE 00007	11-20-2002 **08-15-2002** NONE	DTSC - CYPRESS T. CHESNEY NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2780 - PROPOSED PLAN)	ADMIN RECORD BASE CONFIDENTIAL	COMMENTS METALS MONITORING PROPOSED PLAN RISK SOIL	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 002856 NONE MISC NONE 00002	11-20-2002 **08-22-2002** NONE	US EPA - SAN FRANCISCO N. MOUTOUX NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE DRAFT FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2780 - PROPOSED PLAN)	ADMIN RECORD BASE	COMMENTS DATA GW MONITORING PROPOSED PLAN	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002822 CTO-0045/0003 & SWDIV SER 06CC.MS/0942 PLAN N68711-95-D-7526 00026	10-17-2002 **09-01-2002** 00045	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 - INCLUDES SWDIV TRANSMITTAL LETTER FROM D. GOULD (INCLUDES MAILING LIST PORTIONS OF WHICH ARE CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	CANCER COST FS FUEL GW METALS MW PAH PROPOSED PLAN RI ROD SOIL SOLVENTS SVOC TCE TPH VOC WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002857 NONE MISC NONE 00002	11-20-2002 **09-05-2002** NONE	CRWQCB - RIVERSIDE P. HANNON NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE SUMMARY REPORT - SITE 07GN1 - WITHIN THE DROP TANK DRAINAGE AREA NUMBER 2, FORMER TOTAL RECOVERABLE PETROLEUM HYDROCARBON RELEASE - WATER BOARD DOES NOT CONCUR WITH REQUEST FOR CLOSURE (SEE AR #2572 - SUMMARY REPORT)	ADMIN RECORD BASE	CHARACTERIZATI COMMENTS SOIL TRPH WORK PLAN	007 BLDG. 310 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021

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M60050 / 000373 CTO-0038/0086 MISC N68711-95-D-7526 00211	11-20-2002 **09-25-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS: RESTORATION ADVISORY BOARD MEETING AGENDA & PUBLIC NOTICE FOR 25 SEPTEMBER 2002, MINUTES AND MATERIALS FROM 31 JULY 2002 MEETING, PRESENTATION OF PROPOSED PLAN FOR SITE 16. VARIOUS PRESENTATION MATERIALS. AND HANDOUTS	ADMIN RECORD BASE CONFIDENTIAL	BCT BRAC DCE GW LF MAG RD LANDFIL MTG MINS NPL PERCHLORATE PIM PROPOSED PLAN PUBNOT RAB RD SOIL STORMWATER TCE VOC WATER	001 002 003 005 008 012 016 017 024 025 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_021

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M60050 / 002824 CTO-0038/0064 MM N68711-95-D-7526 00029	10-17-2002 **09-25-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	25 SEPTEMBER 2002 RESTORATION ADVISORY BOARD MEETING MAILER [INCLUDES AGENDA, PUBLIC NOTICE, MINUTES, AND 31 JULY 2002 MEETING MINUTES, AND SIGN-IN SHEETS] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	BCT BRAC DCA DCE EIS EOD FFA GW LF MAG RD LANDFIL MTG MINS ORDNANCE PUBNOT RAB ROD SOIL TCE VOC WELLS	001 002 016 017 018 024 OU 2A OU 2B OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_021
M60050 / 002896 NONE MISC NONE 00002	12-12-2002 **10-15-2002** NONE	CITY OF IRVINE D. JUNG NAVFAC - SOUTHWEST DIVISION D. GOULD	COMMENTS ON THE FINAL PROPOSED PLAN FOR THE CRASH CREW TRAINING PIT NO. 2 (SEE AR #2822 - PROPOSED PLAN)	ADMIN RECORD BASE	CHARACTERIZATI COMMENTS GW MW PESTICIDES PROPOSED PLAN REUSE TCE WELLS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 002865 SWDIV SER 06CC.DG/0184 LTR NONE 00024	12-09-2002 **11-22-2002** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB, DTSC, U.S. EPA BRODERICK, CHESNEY, MOUTOUX	REQUEST FOR A THREE WEEK EXTENSION TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR SUBMITTAL OF THE DRAFT RECORD OF DECISION AT CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE	BCT BRAC FFA ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 002866 SWDIV SER 06CC.DG/0212 LTR NONE 00004	12-09-2002 **11-27-2002** NONE	NAVFAC - SOUTHWEST DIVISION D. GOULD CRWQCB, DTSC, U.S. EPA BRODERICK, CHESNEY, MOUTOUX	RESPONSE TO REQUEST FOR A THREE WEEK EXTENSION TO THE FEDERAL FACILITY AGREEMENT (FFA) SCHEDULE FOR SUBMITTAL OF THE DRAFT RECORD OF DECISION AT CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE	BCT BRAC FFA ROD	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 002867 CTO-0045/0016/0016-1 & SWDIV SER 06CC.DG/0204 RPT N68711-95-D-7526 00269	12-09-2002 **12-01-2002** 00045	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3 THE CRASH CREW TRAINING PIT NO. 2 [INCLUDES SWDIV TRANSMITTAL LETTER FROM D. GOULD] {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	AOC ARAR BCT BGS BRAC CANCER COC COPC CWA DCA DCE FFA FOSET FOSL FOST GW HERBICIDE NCP NPL PAH PCB PERCHLORATE PESTICIDES PRG RAB RCRA RFA ROD SARA SOIL SVE SVOC SWMU TCE TPH	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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					TRPH VOC		
M60050 / 002911 CTO-0038/0101 MISC N68711-95-D-7526 00009	01-27-2003 **12-01-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	DRAFT ENVIRONMENTAL CLEANUP FACT SHEET	ADMIN RECORD BASE	BCT FACT SHEET GW LOC PCE PROPOSED PLAN RA RD ROD SOIL SOLVENTS SVE TCE VOC	001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022

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M60050 / 002903 CTO-0038/0092 MISC N68711-95-D-7526 00027	12-12-2002 **12-04-2002** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	RESTORATION ADVISORY BOARD MEETING MAILER - RAB MEETING AGENDA & PUBLIC NOTICE FOR 4 DECEMBER 2002 MEETING AND MINUTES & ATTACHMENTS FROM THE 25 SEPTEMBER 2002 MEETING (INCLUDES MAILING LIST AND SIGN-IN SHEETS PORTIONS OF WHICH ARE CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	BCT BRAC EBS EOD GW LF MAG RD LANDFIL METALS MTG MINS MW ORDNANCE PERCHLORATE RAB RI SOIL SVOC TPH VOC WELLS	001 002 003 005 016 017 018 024 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_022
M60050 / 003062 SWDIV SER 06CC.MS/0249 XMTL NONE 00002	04-07-2004 **12-11-2002** NONE	NAVFAC - SOUTHWEST DIVISION L. DOUCHAND VARIOUS AGENCIES	TRANSMITTAL LETTER FOR THE DRAFT RESPONSIVENESS SUMMARY, CRASH CREW TRAINING PIT NO. 2 {PORTION OF MAILING LIST IS CONFIDENTIAL} (SEE AR #2867 - DRAFT RESPONSIVENESS SUMMARY)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY		016 OU 3 PIT 2	SOUTHWEST DIVISION - BLDG. 1 SW05032401

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M60050 / 002908 CTO-0038/0112 MM N68711-95-D-7526 00026	01-27-2003 **01-29-2003** 00038	BECHTEL ENVIRONMENTAL, INC. RESTORATION ADVISORY BOARD	RESTORATION ADVISORY BOARD MEETING MAILER - INCLUDES RAB MEETING AGENDA, PUBLIC NOTICE FOR 29 JANUARY 2003 MEETING, AND MINUTES FROM THE 04 DECEMBER 2002 MEETING [PORTION OF MAILING LIST IS CONFIDENTIAL]	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	BCT DCA EBS EOD FFA GW LANDFILL MTG MINS NCP NFA ORDNANCE PCE PERCHLORATE RAB SOIL TCE TCP VOC	002 003 005 008 011 012 016 017 024 025 OU 2 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06! IMAGED TORO_022
M60050 / 002932 CTO-0038/0132 MTG MINS N68711-95-D-7526 00130	03-12-2003 **01-29-2003** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS - 29 JANUARY 2003 RESTORATION ADVISORY BOARD MEETING AGENDA, MEETING SCHEDULE FROM SEPTEMBER 2002 - JULY 2003, VARIOUS HANDOUTS, AND 04 DECEMBER 2002 RAB MEETING MINUTES	ADMIN RECORD BASE	DCA MTG MINS VOC	008 011 012 016 017 024 025 OU 1 OU 2A OU 2B OU 2C OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-023 IMAGED TORO_025

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M60050 / 003561 NONE COMMENTS NONE 00002	05-31-2006 **02-03-2003** NONE	CRWQCB - RIVERSIDE J. BRODERICK BRAC PMO WEST A. PISZKIN	REVIEW AND COMMENTS ON THE DRAFT RECORD OF DECISION FOR OPERABLE UNIT 3, SITE 16 CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE		016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003564 NONE COMMENTS NONE 00008	05-31-2006 **02-03-2003** NONE	DTSC - CYPRESS T. CHESNEY BRAC PMO WEST A. PISZKIN	REVIEW AND COMMENTS ON THE DRAFT RECORD OF DECISION, CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE		0016 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003007 CTO-0038/0194 MISC N68711-95-D-7526 00009	10-15-2003 **04-01-2003** 00038	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	FACT SHEET: DRAFT FINAL CLOSURE OF INACTIVE LANDFILLS	ADMIN RECORD BASE	FACT SHEET	001 002 003 005 008 011 012 016 017 018 024	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_024
M60050 / 002972 CTO-0045/0041 MISC N68711-95-D-7526 00014	05-22-2003 **05-20-2003** 00045	BECHTEL ENVIRONMENTAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION K. ROONEY	COMPILATION OF RESPONSE TO COMMENTS TO THE DRAFT RECORD OF DECISION FOR THE CRASH CREW TRAINING PIT NO. 2	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS TCE VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_024

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M60050 / 002978 SWDIV SER 06CC.AP/1128 RPT N62742-94-D-0048 00026	06-03-2003 **05-21-2003** 00068	EARTH TECH NAVFAC - SOUTHWEST DIVISION	FINAL EXPLANATION OF SIGNIFICANT DIFFERENCES FOR THE TRANSFORMER STORAGE AREA (SEE AR #177 - ROD)	ADMIN RECORD BASE INFO REPOSITORY	PCB ROD	008 011 012	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_024
M60050 / 002973 CTO-0045/0040 & 0040-1 & SWDIV SER 06CC.AP/0801 RPT N68711-95-D-7526 00266	05-22-2003 **07-01-2003** 00045	BECHTEL ENVIRONMENTAL. INC. NAVFAC - SOUTHWEST DIVISION	FINAL RECORD OF DECISION FOR THE CRASH CREW TRAINING PIT NO. 2 [INCLUDES SWDIV TRANSMITTAL LETTER BY A. PISZKIN] (PORTION OF MAILING LIST IS CONFIDENTIAL) [CD COPY ENCLOSED OF DRAFT FINAL VERSION]	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	DCA DCE PAH SVOC TAL TCE TPH TRPH VOC	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-06 IMAGED TORO_023
M60050 / 002994 CTO-0045/0051 MISC N68711-95-D-7526 00006	07-25-2003 **07-21-2003** 00045	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	RESPONSE TO COMMENTS ON THE DRAFT FINAL RECORD OF DECISION FOR OPERABLE UNIT (OU) 3	ADMIN RECORD BASE INFO REPOSITORY	COMMENTS	016 OU 3	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_024
M60050 / 003004 CTO-0060/0006 MM N68711-95-D-7526 00032	10-09-2003 **09-24-2003** 00060	BECHTEL ENVIRONMENTAL, INC. RAB MEMBERS	RESTORATION ADVISORY BOARD 24 SEPTEMBER 2003 MEETING AGENDA INCLUDES 30 JULY 2003 MEETING MINUTES, AND SIGN-IN SHEETS (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	MTG MINS RAB	002 008 012 017	SOUTHWEST DIVISION - BLDG. 12 PALLET 12 - BX-07 IMAGED TORO_024

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M60050 / 003205 SWDIV SER 06CC.AP/1348 CORRESP NONE 00004	11-24-2004 **10-02-2003** NONE	NAVFAC - SOUTHWEST DIVISION A. PISZKIN VARIOUS AGENCIES	FEDERAL FACILITY AGREEMENT SCHEDULE FIVE-WEEK EXTENSION REQUEST FOR SUBMITTAL OF THE REMEDIAL DESIGN/REMEDIAL ACTION (RD/RA) MONITORED NATURAL ATTENUATION (MNA) WORK PLAN FOR THE OPERABLE UNIT (OU) 3 CRASH CREW PIT NO. 2	ADMIN RECORD BASE INFO REPOSITORY	MNA	016 OU 3	SOUTHWEST DIVISION - BLDG. 1 BX-026 IMAGED TORO_025
M60050 / 003021 NONE MM NONE 00010	12-03-2003 **12-03-2003** NONE	NAVFAC - SOUTHWEST DIVISION RAB MEMBERS	PUBLIC INFORMATION MEETING MAILER FOR THE 03 DECEMBER 2003 RESTORATION ADVISORY BOARD MEETING - INCLUDES AGENDA, PUBLIC NOTICE, MEETING MINUTES FROM 24 SEPTEMBER 2003 MEETING AND VARIOUS HANDOUTS (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	MTG MINS RAB	001 002 003 005 008 011 012 016 017 018	SOUTHWEST DIVISION - BLDG. 1 SW05032401
M60050 / 003115 CTO-0060/0102 MM N68711-95-D-7526 00024	07-15-2004 **05-26-2004** 00060	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	PUBLIC INFORMATION MATERIALS PACKAGE FOR THE 28 JULY 2004 RESTORATION ADVISORY BOARD (RAB) MEETING - INCLUDES 7/28/04 AGENDA AND PUBLIC NOTICE, 5/26/04 MEETING MINUTES AND VARIOUS HANDOUTS {PORTION OF MAILING LIST AND SIGN-IN SHEET IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	MTG MINS PUBNOT RAB	001 002 003 005 008 012 016 017 018 024	SOUTHWEST DIVISION - BLDG. 1 SW05032402
M60050 / 003166 CTO-0060/0132 MM N68711-95-D-7526 00024	09-22-2004 **09-29-2004** 00060	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	29 SEPTEMBER 2004 71ST RESTORATION ADVISORY BOARD (RAB) MEETING MATERIALS - INCLUDES AGENDA, PUBLIC NOTICE, 09/29/04 MEETING MINUTES, SIGN IN SHEET AND VARIOUS HANDOUT MATERIALS {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	GW MTG MINS SOIL TCE VOC WELLS	001 002 008 012 017 025	SOUTHWEST DIVISION - BLDG. 1 BX-025 IMAGED TORO_026

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M60050 / 003211 NONE MTG MINS N68711-00-D-0004 00040	12-08-2004 **12-01-2004** DO 0069	NAVFAC - SOUTHWEST DIVISION	01 DECEMBER 2004 72ND RESTORATION ADVISORY BOARD (RAB) MEETING MATERIALS - INCLUDES AGENDA, PUBLIC NOTICE, 09/29/04 MEETING MINUTES, SIGN IN SHEET {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	MTG MINS	001 002 003 005 008 012 017 025	SOUTHWEST DIVISION - BLDG. 1 SW05032402
M60050 / 003244 NONE MTG MINS NONE 00049	04-04-2005 **01-26-2005** NONE	BROWN AND CALDWELL NAVFAC - SOUTHWEST DIVISION	26 JANUARY 2005 RESTORATION ADVISORY BOARD (RAB) MEETING MINUTES [INCLUDES PUBLIC NOTICE, AGENDA, SIGN-IN SHEET, VARIOUS HANDOUTS, 12/01/04 MEETING MINUTES]	ADMIN RECORD BASE INFO REPOSITORY	MTG MINS RAB	001 002 008 012 017 018 024 025	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003231 NONE MTG MINS NONE 00012	02-14-2005 **02-14-2005** NONE	BECHTEL NATIONAL, INC. B. COLEMAN NAVFAC - SOUTHWEST DIVISION	DRAFT MEETING MINUTES OF TELECONFERENCE MEETINGS ON 08 SEPTEMBER 1998 AND 15 SEPTEMBER 1998 [INCLUDES COMMENTS ON DRAFT PROPOSED PLAN]	ADMIN RECORD BASE INFO REPOSITORY	MTG MINS	008 011 012 OU 3	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003263 SWDIV SER BPMOW.FAP/0580 MISC NONE 00016	05-04-2005 **04-01-2005** NONE	NAVFAC - SOUTHWEST DIVISION GENERAL PUBLIC	DRAFT PROPOSED PLAN OF EXCAVATION AND OFF-SITE DISPOSAL OF CONTAMINATED SOIL {PORTION OF MAILING LIST IS CONFIDENTIAL}	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY		008 012	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003364 NONE COMMENTS NONE 00003	10-26-2005 **05-19-2005** NONE	DTSC, CYPRESS F. CHENG BRAC F.A. PISZKIN	COMMENTS ON THE DRAFT PROPOSED PLAN	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS DISPOSAL SOIL	008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003333 NONE CORRESP NONE 00005	10-11-2005 **09-21-2005** NONE	DTSC - CYPRESS F. CHENG BRAC D. NEWTON	COMMENTS ON DRAFT FINAL FEASIBILITY STUDY ADDENDUM, OPERABLE UNIT 3A (PORTION OF MAILING LIST IS CONFIDENTIAL)	ADMIN RECORD BASE CONFIDENTIAL INFO REPOSITORY	COMMENTS FS OU RADIUM	008 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003460 CTO-062/0125 RPT N68711-95-D-7526 00018	02-28-2006 **02-01-2006** 00062	BECHTEL ENVIRONMENTAL, INC. T. HEIRONIMUS NAVFAC - SOUTHWEST DIVISION	DRAFT FINAL PROPOSED PLAN (INCLUDES RESPONSE TO COMMENTS ON THE DRAFT PROPOSED PLAN) [SEE AR # 3459 TRANSMITTAL BY D. NEWTON]	ADMIN RECORD BASE INFO REPOSITORY	COCS IR OU PAH PCB SVOC VOC	008 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003459 BRAC SER BPMOW.RJP/0159 LTR NONE 00002	02-28-2006 **02-23-2006** NONE	BRAC D. NEWTON EPA - SAN FRANCISCO R. MUZA	TRANSMITTAL OF DRAFT FINAL PROPOSED PLAN (SEE AR # 3460 - DRAFT FINAL)	ADMIN RECORD BASE INFO REPOSITORY	BRAC COCS IRP OU PAH PCB SVOC VOC	008 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003469 CTO-062/0134 RPT N68711-95-D-7526 00016	03-24-2006 **03-01-2006** 00062	BECHTEL ENVIRONMENTAL, INC. NAVFAC - SOUTHWEST DIVISION	FINAL PROPOSED PLAN FOR SITES 8 AND 12	ADMIN RECORD BASE INFO REPOSITORY	PAH PCB PROPOSED PLAN SVOC VOC	008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003475 NONE COMMENTS NONE 00001	04-03-2006 **03-13-2006** NONE	US EPA R. MUZA BRAC PMOW WEST D. NEWTON	REVIEW OF DRAFT FINAL PROPOSED PLAN FOR INSTALLATION RESTORATION PROGRAM (IRP)	ADMIN RECORD BASE INFO REPOSITORY	BRAC COMMENTS SOIL BORING	008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003525 126463-003/3.12 MM N68711-00-D-0004 00020	05-15-2006 **03-29-2006** DO 0069	BROWN AND CALDWELL B. COLEMAN BRAC PMO WEST	29 MARCH 2006 PUBLIC MEETING TRANSCRIPT FOR THE PROPOSED PLAN	ADMIN RECORD BASE INFO REPOSITORY		008 012	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003526 BRAC SER BPMOW.ART/0315 CORRESP NONE 00003	05-15-2006 **04-04-2006** NONE	BRAC PMO WEST D. NEWTON VARIOUS AGENCIES	EXTENSION OF SUBMITTAL DATE OF THE DRAFT FINAL REMEDIAL INVESTIGATION (RI) FOR OPERABLE UNIT (OU) 3, SITE 1 IN ACCORDANCE WITH THE FEDERAL FACILITY AGREEMENT (FFA)	ADMIN RECORD BASE INFO REPOSITORY	FFA OU RI	001 OU 3	SOUTHWEST DIVISION - BLDG. 1

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M60050 / 003559 NONE RPT NONE 00100	05-31-2006 **05-01-2006** NONE	BRAC PMO WEST VARIOUS AGENCIES	REVISED DRAFT RECORD OF DECISION (ROD) [SEE AR# 3558 - BRAC TRANSMITTAL LETTER BY D. NEWTON]	ADMIN RECORD BASE INFO REPOSITORY	PAH PCB ROD SVOC TPH TRPH VOC	008 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1
M60050 / 003558 BRAC SER BPMOW.JTC/0454 CORRESP NONE 00003	05-31-2006 **05-18-2006** NONE	BRAC PMO WEST D. NEWTON VARIOUS AGENCIES	TRANSMITTAL OF REVISED DRAFT RECORD OF DECISION (ROD) (W/OUT ENCLOSURE) [SEE AR# 3559 - REVISED DRAFT RECORD OF DECISION]	ADMIN RECORD BASE INFO REPOSITORY	ROD	008 012 OU 3A	SOUTHWEST DIVISION - BLDG. 1

Total Estimated Record Page Count: 13,686

Total - Administrative Records: 225

((SUBJECT Like '*TECHNICAL REVIEW COMMITTEE*' Or SUBJECT Like '*TRC*' Or SUBJECT Like '*FACT SHEET*' Or SUBJECT Like '*PROPOSED PLAN*' Or SUBJECT Like '*RESTORATION ADVISORY BOARD*' Or SUBJECT Like '*RAB*' Or SUBJECT Like '*PUBLIC*' Or SUBJECT Like '*NEWS*' Or SUBJECT Like '*RECORD OF DECISION*' Or SUBJECT Like '*ROD*' Or SUBJECT Like '*RESPONSIVENESS SUMMARY*' Or SUBJECT Like '*LOCAL REUSE AUTHORITY*' Or SUBJECT Like '*LRA*' Or SUBJECT Like '*WORKSHOP*' Or SUBJECT Like '*NOTICE*' Or SUBJECT Like '*NEWSPAPER*' Or SUBJECT Like '*HEARING*' Or SUBJECT Like '*LOCAL REDEVELOPMENT AUTHORITY*')) AND [UIC NUMBER]='M60050'

No Keywords

Sites=008;012;OU 3;OU 3A;OU 3B

No Classification

Attachment B
Calculation of Risk-Based Concentrations

Table B-1: Risks and Hazard Indexes for Adult Residents Exposed to Shallow Soil (0–10 feet) at Site 8–Units 2 and 3

Chemical	EPC (mg/kg)	Total Risk (Child)	Total Risk (Adult)	Total Risk [a]	Total HQ (Adult)	Total HQ (Child)	Applicable HQ [b]	Calculated RBC (Cancer Based) [c]	Calculated RBC (HQ based) [d]	Final RBC [e]
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0015	--	--	--	8.7E-09	7.2E-08	7.2E-08	--	2.07E+04	2.07E+04
1,3-Dichlorobenzene	0.0014	--	--	--	1.1E-05	1.1E-04	1.1E-04	--	1.25E+01	1.25E+01
1,4-Dichlorobenzene	0.00088	1.1E-10	4.4E-11	1.6E-10	3.9E-08	6.7E-07	6.7E-07	5.63E+00	1.31E+03	5.63E+00
2-Butanone	0.004	--	--	--	6.0E-08	5.7E-07	5.7E-07	--	6.97E+03	6.97E+03
Acetone	0.21	--	--	--	1.4E-05	1.4E-04	1.4E-04	--	1.48E+03	1.48E+03
Dichlorodufluoromethane	0.00079	--	--	--	1.0E-06	8.5E-06	8.5E-06	--	9.30E+01	9.30E+01
Ethylbenzene	0.002	--	--	--	1.4E-07	1.4E-06	1.4E-06	--	1.43E+03	1.43E+03
m,p-Xylene	0.0025	--	--	--	2.2E-07	1.9E-06	1.9E-06	--	1.34E+03	1.34E+03
o-Xylene	0.00097	--	--	--	8.7E-08	7.2E-07	7.2E-07	--	1.34E+03	1.34E+03
Tetrachloroethene	0.0017	1.8E-10	4.6E-11	2.3E-10	4.6E-07	5.8E-06	5.8E-06	7.41E+00	2.93E+02	7.41E+00
Toluene	0.008	--	--	--	1.6E-06	1.4E-05	1.4E-05	--	5.78E+02	5.78E+02
Xylenes	0.016	--	--	--	1.4E-06	1.2E-05	1.2E-05	--	1.34E+03	1.34E+03
Benzo(b)fluoranthene	0.0069	7.8E-09	1.1E-09	8.9E-09	2.2E-07	6.3E-06	6.3E-06	7.74E-01	1.10E+03	7.74E-01
Benzo(g,h,I)perylene	0.0085	--	--	--	2.7E-07	7.7E-06	7.7E-06	--	1.10E+03	1.10E+03
Bis(2-ethylhexyl)phthalate	1.4	3.1E-08	4.2E-09	3.5E-08	4.4E-05	1.3E-03	1.3E-03	4.03E+01	1.10E+03	4.03E+01
Butyl benzyl phthalate	0.34	--	--	--	1.1E-06	3.1E-05	3.1E-05	--	1.10E+04	1.10E+04
Chrysene	0.043	4.9E-10	6.7E-11	5.6E-10	1.3E-06	3.9E-05	3.9E-05	7.74E+01	1.10E+03	7.74E+01
Dibenz(a,h)anthracene	0.029	3.3E-07	4.5E-08	3.7E-07	9.1E-07	2.6E-05	2.6E-05	7.74E-02	1.10E+03	7.74E-02
Indeno(1,2,3-cd)pyrene	0.11	1.2E-07	1.7E-08	1.4E-07	3.4E-06	1.0E-04	1.0E-04	7.74E-01	1.10E+03	7.74E-01
4,4'-DDT	0.00675	2.9E-09	3.7E-10	3.2E-09	6.3E-06	2.0E-04	2.0E-04	2.09E+00	3.43E+01	2.09E+00
Aroclor 1248	0.244	7.4E-07	1.0E-07	8.5E-07	7.4E-03	2.2E-01	2.2E-01	2.88E-01	1.12E+00	2.88E-01
Aroclor 1254	0.397	1.2E-06	1.7E-07	1.4E-06	1.2E-02	3.5E-01	3.5E-01	2.88E-01	1.12E+00	2.88E-01
Aroclor 1260	0.214	6.5E-07	9.0E-08	7.4E-07	6.5E-03	1.9E-01	1.9E-01	2.88E-01	1.12E+00	2.88E-01
Dieldrin	0.0126	2.5E-07	3.2E-08	2.8E-07	1.2E-04	3.7E-03	3.7E-03	4.43E-02	3.43E+00	4.43E-02
gamma-Chlordane	0.00128	5.6E-10	7.2E-11	6.3E-10	1.2E-06	3.7E-05	3.7E-05	2.03E+00	3.43E+01	2.03E+00

EPC = exposure point concentration
ED = exposure duration
HQ = hazard quotient
RBC = risk-based concentration

[a] Hypothetical resident adult risks were calculated by combining the resident child for an ED of 6 years and resident adult for an ED of 24 year consistent with the remedial investigation assessment approach.

[b] Applicable HQ = The adult HQ or child HQ, whichever is higher, selected consistent with the remedial investigation risk assessment approac

[c] Calculated RBC (cancer based) = (EPC * 10^{-6})/(Total Risk)

[d] Calculated RBC (HQ based) = (EPC * 1)/(Applicable HQ)

[e] Less of the cancer-based and HQ-based RBC

Table B-2: Risks and Hazard Indexes for Residential Scenario at Site 12 Unit 3

Chemical	EPC (mg/kg)	Total Risk Adult (ED = 24 Years)	Total Risk Child (ED = 6 Years)	Total Risk Hypothetical Adult Resident (ED = 30 Years) [a]	Total HQ Adult	Total HQ Child	Applicable HQ [b]	Calculated RBC (Cancer Based) [c]	Calculated RBC (HQ based) [d]	Final RBC (mg/kg) [e]
Acetone	0.0299	--	--	--	2.0E-06	2.0E-05	2.0E-05	--	1.48E+03	1.48E+03
Carbon disulfide	0.002	--	--	--	6.7E-07	5.7E-06	5.7E-06	--	3.48E+02	3.48E+02
Carbon tetrachloride	0.011	8.1E-09	1.8E-08	2.6E-08	6.3E-04	5.4E-03	5.4E-03	4.17E-01	2.03E+00	4.17E-01
Methylene chloride	0.024	4.7E-10	1.2E-09	1.6E-09	1.1E-06	1.4E-05	1.4E-05	1.48E+01	1.72E+03	1.48E+01
Toluene	0.0075	--	--	--	1.5E-06	1.3E-05	1.3E-05	--	5.78E+02	5.78E+02
Xylenes	0.002	--	--	--	1.8E-07	1.5E-06	1.5E-06	--	1.34E+03	1.34E+03
Benz(a)anthracene	0.042	6.6E-09	4.8E-08	5.4E-08	1.3E-06	3.8E-05	3.8E-05	7.74E-01	1.10E+03	7.74E-01
Benzo(a)pyrene	0.21	3.3E-07	2.4E-06	2.7E-06	6.6E-06	1.9E-04	1.9E-04	7.74E-02	1.10E+03	7.74E-02
Benzo(b)fluoranthene	0.93	1.5E-07	1.1E-06	1.2E-06	2.9E-05	8.4E-04	8.4E-04	7.74E-01	1.10E+03	7.74E-01
Benzo(g,h,i)perylene	0.059	--	--	--	1.8E-06	5.4E-05	5.4E-05	--	1.10E+03	1.10E+03
Benzo(k)fluoranthene	0.36	5.6E-09	4.1E-08	4.7E-08	1.1E-05	3.3E-04	3.3E-04	7.74E+00	1.10E+03	7.74E+00
Bis(2-ethylhexyl)phthalate	0.6	1.6E-09	1.2E-08	1.3E-08	1.6E-05	4.9E-04	4.9E-04	4.49E+01	1.22E+03	4.49E+01
Chrysene	0.37	5.8E-10	4.2E-09	4.8E-09	1.2E-05	3.4E-04	3.4E-04	7.74E+01	1.10E+03	7.74E+01
Dibenz(a,h)anthracene	0.22	3.4E-07	2.5E-06	2.8E-06	6.9E-06	2.0E-04	2.0E-04	7.74E-02	1.10E+03	7.74E-02
Fluoranthene	0.37	--	--	--	5.8E-06	1.7E-04	1.7E-04	--	2.20E+03	2.20E+03
Indeno(1,2,3-cd)pyrene	0.18	2.8E-08	2.0E-07	2.3E-07	5.6E-06	1.6E-04	1.6E-04	7.74E-01	1.10E+03	7.74E-01
Phenanthrene	0.59	--	--	--	1.8E-05	5.4E-04	5.4E-04	--	1.10E+03	1.10E+03
Pyrene	0.409	--	--	--	8.5E-06	2.5E-04	2.5E-04	--	1.65E+03	1.65E+03
4,4'-DDD	0.29057	1.1E-08	8.7E-08	9.8E-08	2.7E-04	8.5E-03	8.5E-03	2.95E+00	3.43E+01	2.95E+00
4,4'-DDE	0.69461	3.8E-08	3.0E-07	3.3E-07	6.5E-04	2.0E-02	2.0E-02	2.09E+00	3.43E+01	2.09E+00
4,4'-DDT	3.65	2.0E-07	1.6E-06	1.8E-06	3.4E-03	1.1E-01	1.1E-01	2.09E+00	3.43E+01	2.09E+00
alpha-Chlordane	0.00221	1.2E-10	9.7E-10	1.1E-09	2.1E-06	6.4E-05	6.4E-05	2.03E+00	3.43E+01	2.03E+00
Aroclor 1254	0.0477	2.0E-08	1.5E-07	1.7E-07	1.5E-03	4.2E-02	4.2E-02	2.88E-01	1.12E+00	2.88E-01
Aroclor 1260	0.085	3.6E-08	2.6E-07	2.9E-07	2.6E-03	7.6E-02	7.6E-02	2.88E-01	1.12E+00	2.88E-01
Dieldrin	0.104	2.7E-07	2.1E-06	2.3E-06	9.8E-04	3.0E-02	3.0E-02	4.43E-02	3.43E+00	4.43E-02
Endosulfan I	0.022	--	--	--	1.7E-06	5.3E-05	5.3E-05	--	4.12E+02	4.12E+02
Endosulfan II	0.016	--	--	--	1.3E-06	3.9E-05	3.9E-05	--	4.12E+02	4.12E+02
Endrin	0.051	--	--	--	8.0E-05	2.5E-03	2.5E-03	--	2.06E+01	2.06E+01
Endrin aldehyde	0.0263	--	--	--	4.1E-05	1.3E-03	1.3E-03	--	2.06E+01	2.06E+01
Endrin ketone	0.133	--	--	--	2.1E-04	6.5E-03	6.5E-03	--	2.06E+01	2.06E+01
gamma-Chlordane	0.0033	1.9E-10	1.4E-09	1.6E-09	3.1E-06	9.6E-05	9.6E-05	2.03E+00	3.43E+01	2.03E+00
Methoxychlor	0.175	--	--	--	1.6E-05	5.1E-04	5.1E-04	--	3.43E+02	3.43E+02
Dalapon	0.07	--	--	--	1.1E-06	3.4E-05	3.4E-05	--	2.06E+03	2.06E+03
2,4-D	0.14	--	--	--	6.6E-06	2.0E-04	2.0E-04	--	6.86E+02	6.86E+02
MCPP	153	--	--	--	7.2E-02	2.2E+00	2.2E+00	--	6.86E+01	6.86E+01

EPC = exposure point concentration
ED = exposure duration
HQ = hazard quotient
RBC = risk-based concentration

[a] Hypothetical resident adult risks were calculated by combining the resident child for an ED of 6 years and resident adult for an ED of 24 years, consistent with the remedial investigation assessment approach.
[b] Applicable HQ = The adult HQ or child HQ, whichever is higher, selected consistent with the remedial investigation risk assessment approach
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[d] Calculated RBC (HQ based) = (EPC * 1)/(Applicable HQ)
[e] Less of the cancer-based and HQ-based RBC