

TRANSMITTAL

Date: 8-18-99

From: Lynn Marie Hornecker *LMAH*

To: **Glenn Kistner (USEPA)**
Tayseer Mahmoud (DTSC)
Patricia Hannon (RWQCB)

Subj: **Supplementary Information Anomaly Area 3**
(also known as MSC R1 (possible refuse area))
Aerial Photograph Anomaly Program
Marine Corps Air Station, El Toro

The attached documents are provided for information only as a supplement for the planned site visit of 25 August 1999.

Please do not hesitate to call me if you have questions. Thank you.

Attachments
Various documents

CF:
Dean Gould (MCAS El Toro)
Project File (El Toro)



OHM Remediation Services Corp.

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A Member of The IT Group

August 18, 1999

Ms. Bozier H. Demaree
Naval Facilities Engineering Command
Southwest Division
1220 Pacific Highway
San Diego, CA 92132-5187

Attention: Ms. Lynn Hornecker

**Subject: Transmittal of Supplementary Information Package, Anomaly Area 3
Contract N68711-93-D-1459, Delivery Order 112,
Remediation of Various Underground Storage Tank Sites at MCAS El
Toro, California**

Dear Ms. Hornecker:

Attached are two copies of the Supplementary Information package for the Anomaly Area 3 site visit on August 25, 1999. As requested, the referenced document has been prepared and submitted to the following persons:

Glenn Kistner, EPA: 2 copies
Tayseer Mahmoud, DTSC: 2 copies
Patricia Hannon, RWQCB: 1 copy
Dean Gould, MCAS El Toro BEC,: 1 copy
Scott Kehe, MCAS El Toro CSO: 1 copy

If you have any questions or need additional copies please call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'William Sedlak', written in a cursive style.

William Sedlak
Sr. Project Manager

cc: L. Holloway, SWDIV, COTR (1C/1E)
OHM PMO File (1C/1E)
Project File, B.01.



OHM Remediation Services Corp.

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OHM TRANSMITTAL/DELIVERABLE RECEIPT

CONTRACT N68711-93-D-1459

DOCUMENT CONTROL NO: SW7535

TO: Contracting Officer
Naval Facilities Engineering Command
Southwest Division
Bozier H. Demaree, Code 02R1.BD
1220 Pacific Highway
San Diego, California 92132-5190

Date: 19-Aug-99

D.O.: 112

Location: MCAS EL TORO

FROM:

James Franklin FOR
Stewart Bornhoft, Program Manager

Edwin G. Bond, Contracts Manager

DESCRIPTION OF ENCLOSURE: *Transmittal of Supplementary Information Package dated August 19, 1999*

TYPE: Contract Deliverable () D. O. Deliverable () Request for Change () Other ()
(\$) (Tech)

VERSION: FINAL

REVISION: 0

ADMIN RECORD: Yes () No () Category () Confidential ()

SCHEDULED DELIVERY DATE: 19-Aug-99 **ACTUAL DELIVERY DATE:**

NUMBER OF COPIES SUBMITTED TO THE NAVY: 1/O, 2/C, 3/E

[AS REQUIRED/DIRECTED BY THE (SOW)]

COPIES TO:

SWDIV

Name, Code

L. Holloway, 4EN.LLH (1C/1E)
L. Hornecker, 5BME.LH (1C/2E)

OHM

Name, Location

File (1C/1E)
Chron (1C)
W. Sedlak, Irv (1C/1E)

OTHER

Name, Company, Location

G. Kistner, EPA (1C,2E)
T. Mahmoud, DTSC (1C,2E)
P. Hannon, RWQCB (1C/1E)
D. Gould, El Toro (1C/1E)
S. Kehe, ROICC (1E/1C)
C. Wanyoike, EarthTech (1C/1E)

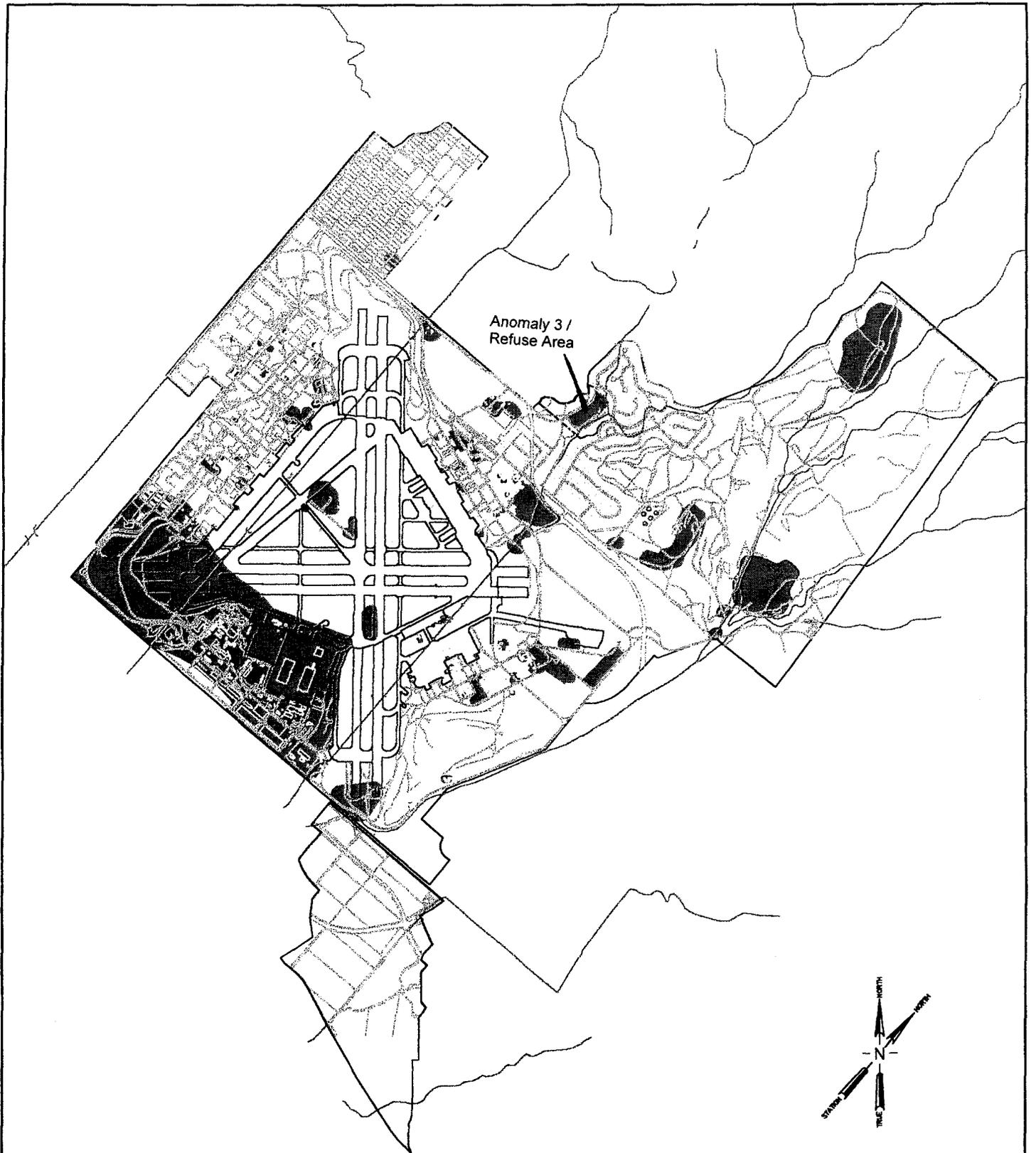
Date/Time Received: _____ / _____

Tentative Agenda for Site Visits of 25 August 1999

Environmental Restoration Program Marine Corps Air Station, El Toro

- Meet at Building 368 at approximately 10 A.M.
- Soil Vapor Extraction Treatment at IRP Site 24
- Anomaly Area 3 Disposal Site
- IRP Site 1 Ground Water / Perchlorate Investigation

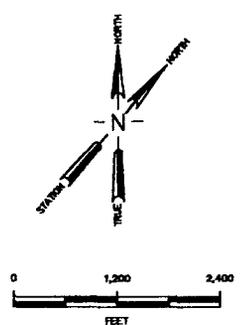
Prepared 16 August 1999



Anomaly 3 /
Refuse Area

LEGEND

-  AREA TYPES 5-7
-  AREA TYPES 1-4
-  BUILDING OR PAD
-  ROADS
-  AIRFIELD
-  WASH OR STREAM
-  MCAS EL TORO BOUNDARY



Southwest Division Naval Facilities Engineering Command		
MCAS El Toro, CA		
Suitability of Property for Transfer		
File No. 009_3-6	Figure 3-6	Date 3/1/88

**ANOMALY AREA 3
MCAS EL TORO**

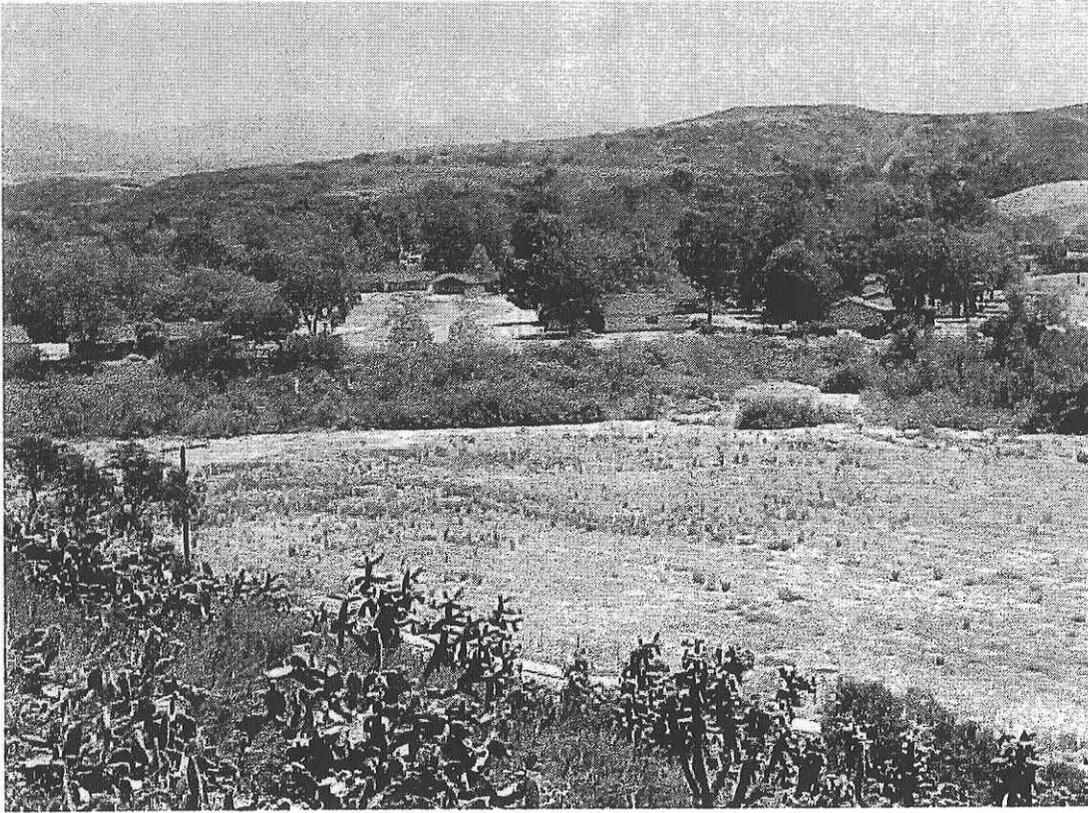


View North From Anomaly 3

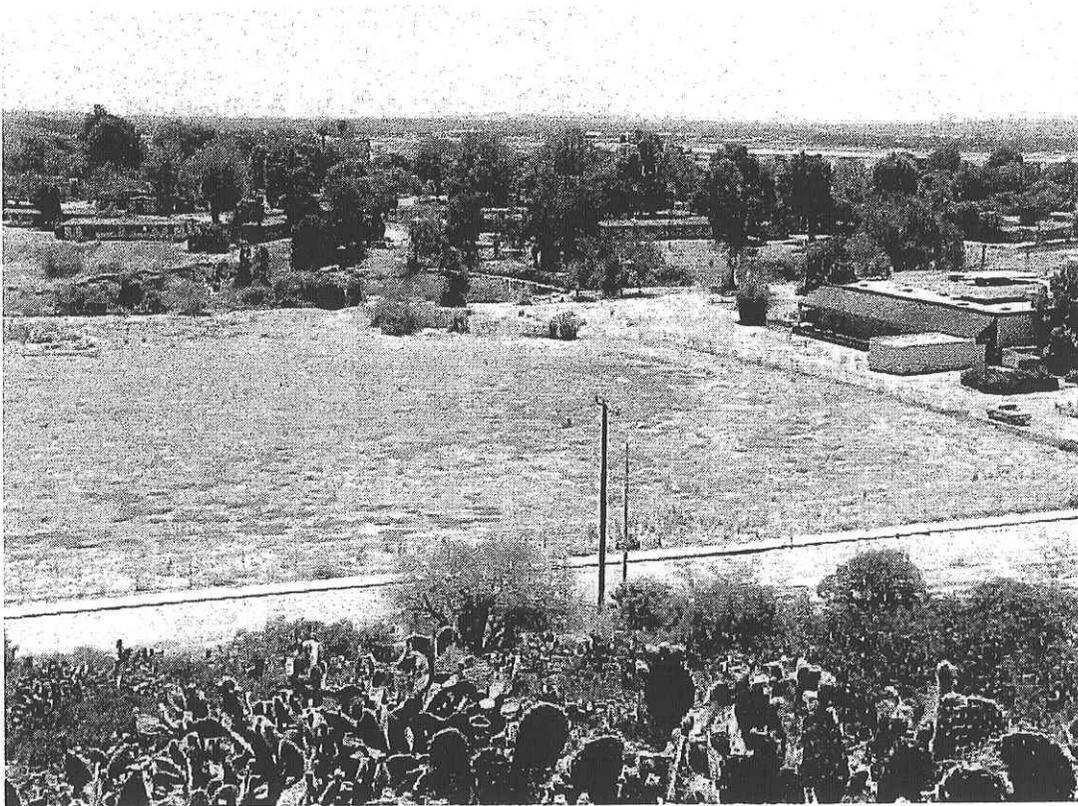


View South From Anomaly 3

ANOMALY AREA 3
MCAS EL TORO



View East from Hill Overlooking Anomaly 3



View South Towards Housing from Hill Overlooking Anomaly 3

**ANOMALY AREA 3
MCAS EL TORO**

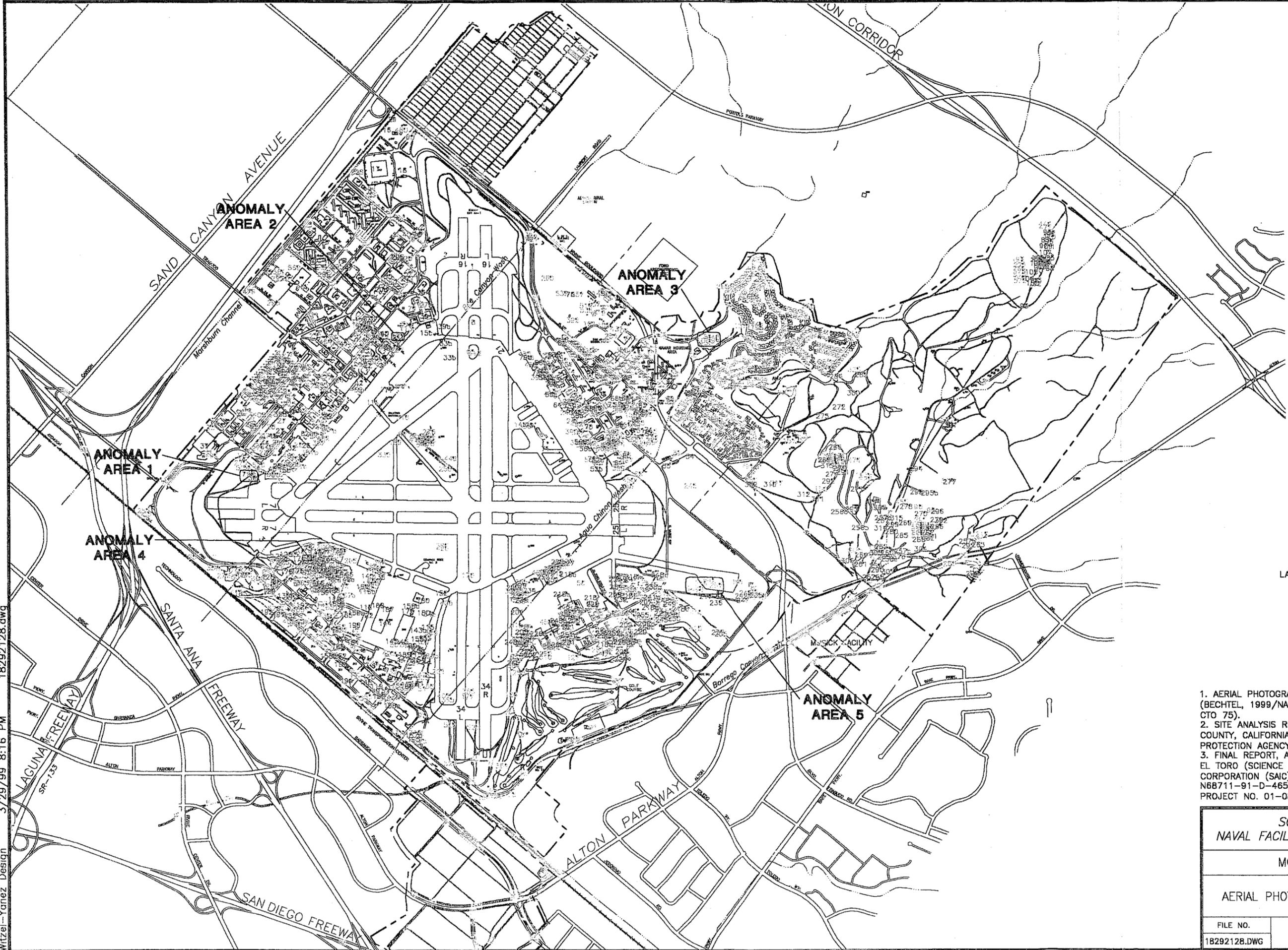


View Northeast Towards Housing



View South Showing Bridge to Housing over Aqua Chinon Wash

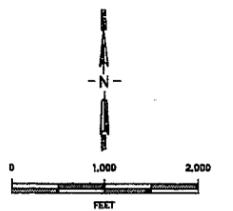
18292128.dwg 3/29/99 8:16 PM Witzel-Yanez Design



LEGEND

- SAIC ANOMALY SITE
- EPA ANOMALY SITE

LABEL

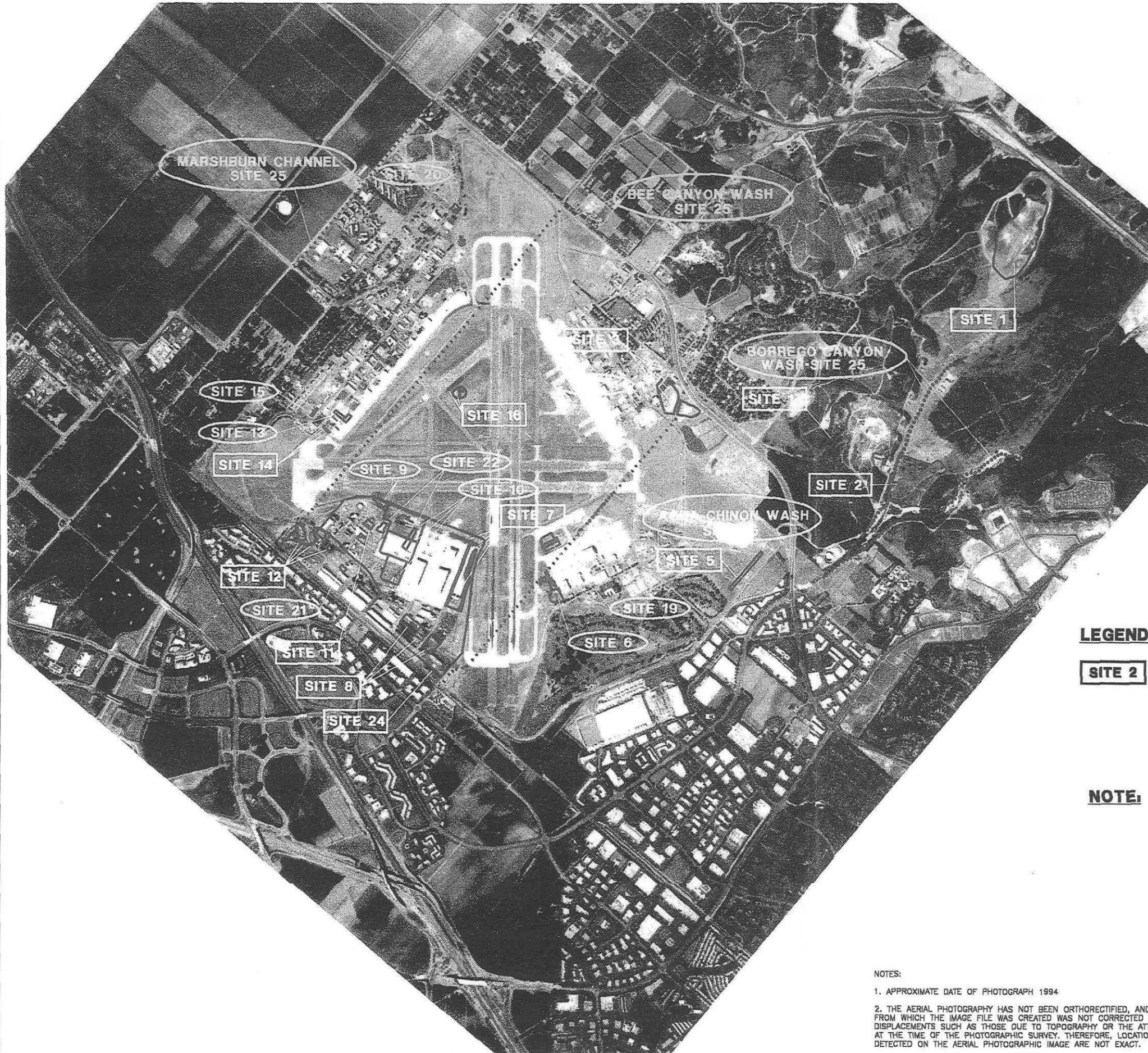


1. AERIAL PHOTOGRAPH ANOMALY INFORMATION PACKAGE (BECHTEL, 1999/NAVY CONTRACT N68711-92-D-4670, CTO 75).
2. SITE ANALYSIS REPORT, EL TORO MCAS, ORANGE COUNTY, CALIFORNIA (UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, 1991).
3. FINAL REPORT, AERIAL PHOTOGRAPH ASSESSMENT, MCAS EL TORO (SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC), 1993/CONTRACT N68711-91-D-4658, DELIVERY ORDER 0002, SAIC PROJECT NO. 01-0892-0817).

SOUTHWEST DIVISION NAVAL FACILITIES ENGINEERING COMMAND		
MCAS EL TORO, CA		
AERIAL PHOTOGRAPH ANOMALY LOCATIONS		
FILE NO.	FIGURE 1	DATE
18292128.DWG		

INSTALLATION RESTORATION PROGRAM SITES

SITE	DESCRIPTION
1.	EOD RANGE
2.	MAGAZINE ROAD LANDFILL
3.	ORIGINAL LANDFILL
4.	FERROCENE SPILL AREA
5.	PERIMETER LANDFILL
6.	DROP TANK DRAINAGE AREA NO. 1
7.	DROP TANK DRAINAGE AREA NO. 2
8.	DRMO STORAGE AREA
9.	CRASH CREW PIT NO. 1
10.	PETROLEUM DISPOSAL AREA
11.	TRANSFORMER STORAGE AREA
12.	SLUDGE DRYING BEDS
13.	OIL CHANGE AREA
14.	BATTERY ACID DISPOSAL AREA
15.	SUSPENDED FUEL TANKS
16.	CRASH CREW PIT NO. 2
17.	COMMUNICATION STATION LANDFILL
18.	GROUNDWATER
19.	ACER SITE
20.	HOBBY SHOP
21.	MATERIALS MANAGEMENT GROUP
22.	TACTICAL AIR FUEL DISPENSING SYSTEM
24.	VOLATILE ORGANIC COMPOUND (VOC) SOURCE AREA
25.	MAJOR DRAINAGES



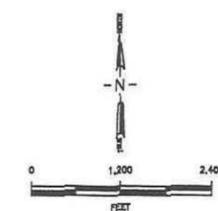
LEGEND

SITE 2 REQUIRE ACTION SITE

NO FURTHER ACTION SITE
(AS OF SEPTEMBER 1997)

NOTE:

SITE 18, REGIONAL GROUNDWATER PLUME IS OFF STATION TO THE WEST.



NOTES:

1. APPROXIMATE DATE OF PHOTOGRAPH 1994

2. THE AERIAL PHOTOGRAPHY HAS NOT BEEN ORTHORECTIFIED, AND THE PHOTOGRAPH FROM WHICH THE IMAGE FILE WAS CREATED WAS NOT CORRECTED FOR PHOTOGRAMMETRIC DISPLACEMENTS SUCH AS THOSE DUE TO TOPOGRAPHY OR THE ATTITUDE OF THE AIRCRAFT AT THE TIME OF THE PHOTOGRAPHIC SURVEY. THEREFORE, LOCATIONS OF FEATURES DETECTED ON THE AERIAL PHOTOGRAPHIC IMAGE ARE NOT EXACT.

SOUTHWEST DIVISION NAVAL FACILITIES ENGINEERING COMMAND		
MCAS EL TORO, CA		
INSTALLATION RESTORATION PROGRAM (IRP) SITES		
FILE NO.	FIGURE	DATE
17486159.DWG		