



Department of Toxic Substances Control

M60050.000642
MCAS EL TORO
SSIC NO. 5090.3



Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

Gray Davis
Governor

February 8, 2001

Mr. Dean Gould
BRAC Environmental Coordinator
Marine Corps Air Station El Toro
Base Realignment and Closure
P.O. Box 51718
Irvine, California 92619-1718

SUMMARY REPORT, AERIAL PHOTOGRAPH ANOMALY AREA 5 (APHO 31, APHO 43, APHO 66, APHO 67 AND APHO 68), MARINE CORPS AIR STATION (MCAS) EL TORO

Dear Mr. Gould:

The Department of Toxic Substances Control (DTSC) reviewed the above document dated November 1, 2000. The document includes an evaluation of historical records, results of visual inspections of the anomaly sites, and the results of field sampling activities. Anomaly Area 5 consists of five aerial photograph anomalies identified as APHO 31, APHO 43, APHO 66, APHO 67 and APHO 68.

APHO 31 (also referenced as Science Applications International Corporation (SAIC) 215) was identified on a 1971 aerial photograph as disturbed ground about 250 by 350 feet in area, dark-toned mounded material, and a probable trench located approximately 1,600 feet west of West Marine and Magazine Roads. APHO 43 (also referenced as SAIC 287) was identified on a 1974 aerial photograph as an excavation about 1,600 feet west of the intersection of Perimeter and Magazine Roads. APHO 66 (also referenced as SAIC 161) was identified on a 1967 photograph as disturbed ground and probable backfilled trenches noted in the western corner of Perimeter and Magazine Roads, and approximately 1,400 feet west of the intersection. APHO 67 (also referenced as SAIC 314) was identified on a 1975 aerial photograph as disturbed ground approximately 1,000 feet northeast of Building 673, near North/East Marine and North 3rd Street. APHO 68 (also referenced as SAIC 542) was identified on a 1988 aerial photograph as a light-colored pad constructed west of Perimeter and Magazine Roads.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.

Mr. Dean Gould
February 8, 2001
Page 2

After review of the report, DTSC has the following comments.

1. On June 7, 1999, the Department of the Navy (DON) forwarded a letter regarding "Sampling Strategy for Aerial Photograph Anomaly Areas 4 and 5." Following review of the letter, DTSC forwarded comments in a letter dated June 22, 1999. DTSC comment number 5 included, "Should the disturbed earth extend beyond 10 feet bgs [below ground surface], additional samples should be collected at the contact surface between the disturbed and native soil."

The report does not indicate whether disturbed or native soil was encountered during sampling activities. Further, information is not provided to determine if samples were collected at the contact surface between the disturbed and native soil as requested. Please address DTSC comment number 5 from the June 22, 1999 letter.

2. Section 4.1, Utility Clearance and Geophysical Survey: This section states that a geophysical survey was conducted at Anomaly Area 5 in December 1999. However, the results of the survey are not included in the report.

Please forward the results of the geophysical survey to DTSC for review. Additionally, information contained in the geophysical survey may provide useful information regarding disturbed and native soil.

The report recommends designating a status of no further action for Anomaly Area 5 based on the results of field verification sampling, record search activities, and visual inspection. Based on review of the report, DTSC does not concur with the recommendation. Please provide the information and clarification as requested.

If you have any questions, please contact me at (714) 484-5395.

Sincerely,



Triss M. Chesney, P.E.
Remedial Project Manager
Southern California Branch
Office of Military Facilities

cc: See next page

Mr. Dean Gould
February 8, 2001
Page 3

cc: Ms. Nicole Moutoux
Remedial Project Manager
U. S. Environmental Protection Agency Region IX
Superfund Division (SFD-8-1)
75 Hawthorne Street
San Francisco, California 94105-3901

Mr. John Broderick
Remedial Project Manager
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339

Mr. Gregory F. Hurley
Restoration Advisory Board Co-chair
620 Newport Center Drive, Suite 450
Newport Beach, California 92660-8019

Ms. Polin Modanlou
MCAS El Toro Local Redevelopment Authority
10 Civic Center Plaza, 2nd Floor
Santa Ana, California 92703

Mr. Steven Sharp
Orange County Health Care Agency
2009 East Edinger Avenue
Santa Ana, California 92705

Ms. Lynn Hornecker
Remedial Project Manager
Naval Facilities Engineering Command
Southwest Division - Code 06CC.LH
1220 Pacific Highway
San Diego, California 92132-5187

TRANSMITTAL

Date: 14 Feb 2001

From: Lynn Marie Hornecker *LMH*
MCAS El Toro

To: Diane Silva
Code 01LS.DS

Subj: CERCLA Administrative Record Materials
Marine Corps Air Station, El Toro

Installation: Marine Corps Air Station, El Toro

UIC Number: M60050

Document Title (or subject):

*Summary Report, Aerial Photograph Anomaly
Area 5, MCAS El Toro*

Author: TRISS Chesney, DTSC

Recipient: Dean Gould, BEC

Record Date: 8 Feb 2001

Approximate Number of Pages: 3

EPA Category: 01.1

Sites: Anomaly Area 5

Key Words: Aerial Photograph Anomalies

Contract: N/A

CTO Number: N/A

*Area 5 includes APHD 31, APHD 43, APHD 66, APHD 67,
+ APHD 68*