



Department of Toxic Substances Control



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

Winston H. Hickox
Secretary for
Environmental
Protection

Gray Davis
Governor

April 27, 1999

M60050.002724
MCAS EL TORO
SSIC NO. 5090.3

Mr. Joseph Joyce
BRAC Environmental Coordinator
U.S. Marine Corps Air Station - El Toro
AC/S, Environmental (1AU), BRAC Building #899
P. O. Box 95001
Santa Ana, California 92709-5001

Dear Mr. Joyce:

REVIEW OF RESPONSE TO COMMENTS ON THE DRAFT FINAL RADIOLOGICAL SURVEY PLAN FOR HANGERS 296 AND 297, MARINE CORPS AIR STATION (MCAS) EI TORO

This letter is to transmit the Department of Health Services (DHS) comments on the responses to regulatory agencies comments on the April 1998 draft final Radiological Survey for Hangers 196 and 197 at MCAS El Toro. Please note that DHS would like to conduct verification surveys and/or confirmation sampling once the Marines have determined that remediation has been completed and the hangers are ready to be released for unrestricted use. Also, please inform us regarding the progress you made collecting the Historical Radiation Assessment (HRA) for all base property in order for property transfer and reuse to occur timely with the scheduled base closure in July 1999.

If you have any questions, please contact me at (714) 484-5418.

Sincerely,

Tayseer Mahmoud
Remedial Project Manager
Southern California Operations
Office of Military Facilities

Enclosure

cc: See next page

received
4 May 99

Mr. Joseph Joyce
April 27, 1999
Page 2

cc: Mr. Glenn Kistner, SFD-8-2
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San Francisco, California 94105-3901

Ms. Patricia Hannon
Remedial Project Manager
California Regional Water Quality Control Board
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Newport Beach, California 92660-8019

Ms. Polin Modanlou
MCAS El Toro Local Redevelopment Authority
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Ms. Deirdre Dement
Department of Health Services
Environmental Management Plan
P.O. Box 942732
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Mr. David DeMars
Remedial Project Manager
Naval Facilities Engineering Command
Southwest Division - Code 5BME.DD
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San Diego, California 92132-5187

Memorandum

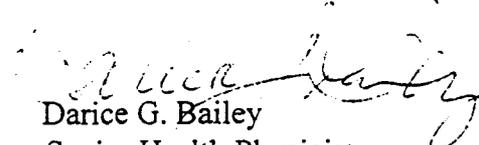
Date: April 16, 1999

To: Mr. Tayseer Mahmoud
Department of Toxic Substances Control (DTSC), Region 4
Office of Military Facilities
5796 Corporate Avenue
Cypress, California 90630

From: Environmental Management Branch
P.O. Box 942732
601 North 7th Street, MS 396
Sacramento, California 94234-7320
(916) 445-0498

Subject: Review of Responses to the May 14, 1998, DTSC/DHS Comments to the April 23, 1998.
Draft Final Survey Plan of Hangers 296 and 297 at Marine Corps Air Station El Toro, California,
dated September 14, 1998

Attached are The Department of Health Services' (DHS) comments on the subject report. This review was performed by Ms. Deirdre Dement, Associate Health Physicist, in support of the Interagency Agreement between DTSC and DHS. If you have any questions concerning this review, or if you need additional information, please contact Ms. Dement at (916) 324-1378.


Darice G. Bailey
Senior Health Physicist
DoD Program

cc: Ms. Deirdre Dement
PO Box 942732
601 N. 7th Street MS 396
Sacramento, CA 94234

Department of Health Services

Review of Responses to the May 14, 1998 DTSC/DHS Comments to the April 23, 1998 Draft Final Survey Plan of Hangers 296 and 297 at Marine Corps Air Station El Toro, California, dated September 14, 1998

April 16, 1999

DTSC Resource Planning Form # 428

The following comments and questions are in response to the request from Mr. Tayseer Mahmoud of the Department of Toxic Substances Control to review the response to DHS comments regarding the *Final Radiological Status Survey, El Toro Marine Corps Air Station, California*, dated April 23, 1998.

General Comment:

Once the Marines have determined that Hangers 296 and 297 are ready to be released for unrestricted use, DHS would like to conduct verification surveys and/or confirmation sampling at these hangers.

Specific Comments:

1. Page 2, "Answer to DTSC/DHS General Comment Number 1, f." It was not clear how "taking a one-minute stationary alpha reading in *every other upper wall grid* at any area of elevated activity" would ensure that the highest alpha reading would be acquired. DHS suggests taking the one-minute alpha reading at the area(s) within the grids showing elevated readings.
2. Page 2, "Answer to DTSC/DHS General Comment Number 1." Please provide answers to the following:
 - a. How 100 counts per minute (cpm) above background for a beta/gamma (pancake) probe relates to disintegrations per minute (dpm) by providing the efficiencies of the instruments,
 - b. and how the cpm or dpm of the beta/gamma readings relate to the alpha readings.
3. Page 4, "Answer to USEPA, Region 9 Comment 1." DHS cannot agree with the method of holding an unshielded (2" x 2") NaI probe at *waist level* to perform scans of the stairwells or any other area where surface contamination is being evaluated. All readings should be taken at the surface of the area being surveyed.