



Cal/EPA

Department of  
Toxic Substances  
Control  
  
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MCAS EL TORO  
SSIC #5090.3

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September 9, 1996



Pete Wilson  
Governor

James M. Strock  
Secretary for  
Environmental  
Protection

Mr. Joseph Joyce  
BRAC Environmental Coordinator  
U.S. Marine Corps Air Station - El Toro  
P. O. Box 95001  
Santa Ana, California 92709-5001

**FINAL REPORT APPROVAL: ANTHROPOGENIC PAH REFERENCE-LEVEL STUDY  
FOR MARINE CORPS AIR STATION (MCAS) EL TORO**

Dear Mr. Joyce:

The California Environmental Protection Agency (Cal/EPA) has completed the review of the above subject document dated July 31, 1996, prepared by Bechtel National, Inc. Also, we reviewed the revisions to the report dated September 3, 1996. The report presents the findings of the anthropogenic (man-made) polynuclear aromatic hydrocarbon (PAH) compound reference level study at MCAS El Toro. In addition, the reference-level sampling locations associated with runway parcels were also assessed for levels of metals and dioxins. Samples were analyzed for PAHs using fixed-base laboratory and field-screening immunoassay methods. The report presents a comparison between the immunoassay results and the fixed-base laboratory results to assess the accuracy and reliability of current immunoassay methods to detect PAHs at levels below U.S. EPA PRGs.

We concur with the final report dated July 31, 1996 with amendment dated September 3, 1996, and we hereby approve it. Please note that the column comment on Table 4-2 for sample 0650189 still refers to Method 8310 and should be changed to NOAA PAH/SIM.

If you have any questions, please call Mr. Tayseer Mahmoud at (310) 590-4891.

Sincerely,

For John E. Scandura, Chief  
Southern California Operations  
Office of Military Facilities

cc: See Next Page



*Mr. Joseph Joyce*  
*September 9, 1996*  
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