

Department of Toxic Substances Control



Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

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

Gray Davis
Governor

M60050.002542
MCAS EL TORO
SSIC NO. 5090.3

July 9, 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

SUPPLEMENT TO MARCH 2000 PROPOSED SAMPLING AT AERIAL
PHOTOGRAPH ANOMALY APHO 38, MARINE CORPS AIR STATION (MCAS)
EL TORO

Dear Mr. Gould:

The Department of Toxic Substances Control (DTSC) reviewed the above document dated April 9, 2001. The document identifies a revised sampling strategy for APHO 38. APHO 38 was identified by Science Applications International Corporation (SAIC) as SAIC 252 on a 1973 aerial photograph. The anomaly was described as a probable excavation adjacent to Building 1789. The United States Environmental Protection Agency also identified a similar anomaly (EPA 229) on a 1970 aerial photograph, which was described as pits in the same vicinity as SAIC 252.

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

1. Based on clarification provided by the Department of the Navy on June 28 and July 3, 2001, DTSC understands that all soil samples will be analyzed for petroleum hydrocarbons, volatile organic compounds (VOCs). Additionally, the soil samples collected from one-foot beneath concrete pads or pond bottoms will be analyzed for semi-volatile organic compounds (SVOCs) and metals. If the results of these samples indicate a release, then deeper samples will be analyzed to determine the vertical extent of contamination. The test methods and detection limits provided in the "Supplemental Sampling Strategy for Aerial Photograph Areas 4 and 5" that was included with the March 2000 Sampling Strategy for APHO 38 are acceptable.

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.

♻️ Printed on Recycled Paper

received
7/12/01

Mr. Dean Gould
July 9, 2001
Page 2

2. According to the supplement, soil vapor samples will be analyzed for petroleum hydrocarbons, benzene, toluene, ethylbenzene, xylenes, and methyl tertiary butyl ether in the field. DTSC understands that soil vapor samples will also be analyzed for VOCs in the field. If VOCs are detected, additional soil vapor samples may be used to delineate the extent of contamination. Please forward information regarding the detection limits associated with the analytical methods to be used for soil vapor samples prior to commencing sampling activities. Detection limits for target compounds should not exceed one microgram per liter.
3. Please ensure that Quality Control samples will be collected and analyzed in accordance with the procedures described in the following documents prepared for MCAS El Toro:
 - *Draft Supplemental Work Plan, Closure of Various Temporary Accumulation Areas and RCRA [Resource Conservation and Recovery Act] Facility Assessment Sites*, dated March 19, 1997, prepared by OHM Remediation Services Corporation.
 - *Addendum to the Final Supplemental Work Plan, Closure of Various Temporary Accumulation Areas and RCRA Facility Assessment Sites*, dated January 17, 2001, prepared by OHM Remediation Services Corporation.

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: 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. Dean Gould
July 9, 2001
Page 3

cc: Ms. Patricia Hannon
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
Environmental Remediation Manager
MCAS El Toro Local Redevelopment Authority
Building 83
P.O. Box 53010
Irvine, California 92619-3010

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