



DEPARTMENT OF THE NAVY
NAVAL MEDICAL ADMINISTRATIVE UNIT
PRESIDIO OF MONTEREY HEALTH CLINIC
MONTEREY, CALIFORNIA 93944-5012

IN REPLY REFER TO
6260
04M/116
9 May 02

From: Officer in Charge, Naval Medical Administrative Unit, Monterey
To: Chairman, Oceanography Department (Code OC), Naval Postgraduate
School, Monterey, 833 Dyer Road, Room 328, Monterey CA 93943-5122

Subj: MONITORING DATA RESULTS, NAVAL POSTGRADUATE SCHOOL, MONTEREY,
OCEANOGRAPHY DEPARTMENT, BRUSH PAINTING, BEACH LAB (ET-0187)

Ref: (a) Industrial Hygiene Field Operations Manual NEHC-TM6290.91-2, Rev B,
of March 1999, Table Z-1-A

Encl: (1) Industrial Hygiene Air Sampling Survey Forms

1. Monitoring data was collected on 2 April 2002 to determine the chemical exposures generated during brush painting of hanging rods for a buoy.

2. Results are as follows:

<u>AGENT</u>	<u>WORKER</u>	<u>TWA, ppm</u>	<u>STEL, ppm</u>	<u>CRITERION, ppm</u>
Trimethyl- benzene	Ron Cowen	0.019	N/A	TWA = 25
Xylene	Ron Cowen	0.066	1.15, 0.491, 1.21	TWA = 100, STEL = 150
Naphtha	Ron Cowen	None detected	N/A	TWA = 100

Results, traceable to Industrial Hygiene Survey ET-0187 and San Diego CIHL Laboratory Analysis Report 6689, indicate that the exposure concentrations for trimethylbenzene, xylene, and naphtha are below the Permissible Exposure Limits (PELs)- Time Weighted Average (TWA) and Short Term Exposure Limit (STEL) outlined in reference (a), and below the Medical Surveillance Action Levels (MSALs).

3. No problems or deficiencies were noted during the operation. No further monitoring of this job that is performed outdoors needs to be conducted unless procedures, e.g., using a spray gun instead of brushes, change. Enrollment in special medical surveillance programs or use of respirators for performance of this job is unnecessary based on these monitoring results. Because the potential exists for higher exposures, this job must be remonitored when it is performed in one of the garage bays of the adjacent building. Contact the industrial hygienist at 831-656-3466 to schedule this additional monitoring.

4. Both Ron Cowen and Keith Wyckoff, the two workers who perform this job, should be given a copy of this memo.

5. Copies of the sampling forms are provided as enclosure (1).

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6. For further information or clarification, please contact Eric Thurston at
COMM 831-656-3466, e-mail sethurst@nps.navy.mil.


S.E. THURSTON
By direction