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DEPARTMENT OF THE AIR FORCE
PACIFIC AIR FORCES

24 July 2003

MEMORANDUM FOR: 3 CES/CEVR (Mr. Mayer)

FROM: 3 AMDS/SGPB

SUBJECT: Air monitoring at Bldg 18224

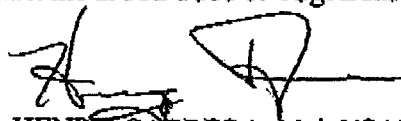
1. On 18 Jul 03, Lt Lee and TSgt Bensel from the Bioenvironmental Engineering flight accomplished screening air sampling for Trichloroethylene (TCE) in building 18224. This air sampling was accomplished due to a request from the Environmental Protection Agency to monitor indoor airborne levels of TCE.

2. The air sampling was performed with a Miran 205B Series Sapphire (SN 205B75872381) portable ambient air monitor from Thermo Environmental Instruments. The unit was field calibrated and zeroed on the day of the survey. Results of the screening samples are listed in the table below.

Sample Time	Sample Location	Results (in ppm)
1430	Background reading outside Bldg 18224	4 to 5
1433	Room 9 (hall area)	Background
1440	Room 10 (racquetball court)	Background
1445	Room 11 (small storage area)	Background
1450	Room 13 (tool storage)	Background
1455	Room 8 (store room)	Background
1500	Room 7 (snow melt store room)	Background
1505	Room 5 (UPS room)	Background
1510	Room 6 (opcn bay area)	Background
1515	Door 2 (mech. room)	Background
1520	Door 3 (store room)	Background
1530	Sub basement	7

3. Our results indicate only one area inside the building with airborne levels above background levels. The sub basement was 2 ppm greater than background readings. These levels do not pose a significant health hazard to any personnel. It should also be noted that there is no office space therefore no personnel routinely inhabit the building. According to employees they may go into the building once per week for under an hour. Most trips into the facility are under 15 minutes.

4. Based on the buildings current usage and our screen sample results no significant health hazard to employees for the short period of time they enter the building. If there are any questions concerning this survey please contact me at 552-3866 or TSgt Bensel at 552-3985.



HENRY CABRERA, Maj, USAF, BSC
OIC, Environmental Protection