



DEPARTMENT OF THE ARMY
US ARMY INSTITUTE OF PUBLIC HEALTH
5158 BLACKHAWK ROAD
ABERDEEN PROVING GROUND MARYLAND 21010-5403

MCHB-IP-RDE

9 February 2014

MEMORANDUM FOR Office of the Command Surgeon (MAJ (b) (6)),
U.S. Central Command, 7115 South Boundary Boulevard, MacDill Air Force Base, FL
33621-5101

SUBJECT: Deployment Occupational and Environmental Health Surveillance Sample
Report, Airborne Particulate Matter, Zangabad, Afghanistan, 18 September 2013,
U_AFG_ZANGABAD_IP_A25_20130918

1. One ambient air sample was collected to determine the 24-hour average concentration of particulate matter (PM) less than 2.5 micrometers in diameter (PM_{2.5}) by 988th Medical Attachment personnel near a burn pit in Zangabad, Afghanistan on 18 September 2013. The sample was received at the U.S. Army Public Health Command (USAPHC), Army Institute of Public Health (AIPH) laboratory on 29 October 2013. The sample was identified on the field data sheet as AFG_ZANGAB_20130918_PM25DPS.
2. Neither PM_{2.5} nor any of the analyzed metals were identified as acute hazards on the day sampled per USAPHC Technical Guide 230 "Environmental Health Risk Assessment and Chemical Exposure Guidelines for Deployed Military Personnel, June 2010 Revision."
3. Detailed analytical results and field/exposure information submitted with the sample can be viewed in the Defense Occupational and Environmental Health Readiness System-Industrial Hygiene (Environmental Health) (DOEHRS). Log into DOEHRS and search for the sample using the DOEHRS sample identification number 0000A4B3 at <https://doehrs-ih.csd.disa.mil/Doehrs/CheckUserRule.do>.
4. Continue routine airborne PM exposure surveillance in accordance with defined Occupational and Environmental Health Site Assessment (OEHSA) exposure pathways and environmental sampling plan for your location. An OEHSA was completed for Zangabad, Afghanistan on 9 November 2013. Update the OEHSA annually or as the exposure scenario changes.

MCHB-IP-RDE

Deployment Occupational and Environmental Health Surveillance Sample Report,
Airborne Particulate Matter, Zangabad, Afghanistan, 18 September 2013

5. The USAPHC, AIPH points of contact for this assessment are Ms. (b) (6) and Ms. (b) (6). Ms. (b) (6) may be contacted at e-mail (b) (6) and Ms. (b) (6) may be contacted at e-mail (b) (6), or DSN (b) (6) or commercial (b) (6).

FOR THE DIRECTOR:

(b) (6)

Portfolio Director, Health Risk Management

CF:

988th MED DET (Commander/MAJ (b) (6))

TF MED-A (Force Health Protection Officer/MAJ (b) (6))

ARCENT (Force Health Protection Officer/CPT (b) (6))

USAFSAM (Chief, Special Projects/Maj (b) (6))