Procedures for Evaluating Air Exceedances and Occupant Notification

What happens if a field hygienist gets a PCM air monitoring result exceeding 0.01 fibers per cubic centimeters (f/cc) in a public area?

Field hygienist **STOPS construction WORK**

Field hygienist **isolates/contains area** where asbestos-related construction was occurring.

Field hygienist **notifies project personnel** (E&HS industrial hygienist, project manager, building manager).

Field hygienist (and project personnel, as they arrive) **investigates and reviews engineering controls** (e.g., containment integrity, negative pressure, etc.).

Field hygienist (and project personnel, as they arrive) **evaluates the work area** for other causes of high readings (including housekeeping activities, non-asbestos-related construction, non-asbestos event) with asbestos-removal contractor and others, as appropriate.

If it is determined the f/cc exceedance was caused by a non-asbestos-related activity, EH&S industrial hygienist **declares work can resume**. Air samples are sent to lab for **TEM analysis to confirm** fibers are non-asbestos containing.

If TEM analysis results indicate asbestos exceeds 0.01 f/cc, field hygienist **STOPS construction WORK**

If it is determined the f/cc exceedance was potentially caused by asbestos-related activity, EH&S industrial hygienist (followed by the project manager, and then the field hygienist, if others have not yet arrived) **isolates the room/location adjacent** to where the asbestos-related construction was occurring using plastic poly sheeting to block off the air supply and exhaust vents.

If it is determined a **partial building evacuation** is warranted, project personnel will go to each affected area of the building to ensure the location is free and clear of any non-project personnel (e.g., lab staff, faculty, students, etc.).

If it is determined a **whole building evacuation** is warranted, project personnel will walk the entire building to ensure building occupants are not in the building. Also, entrances will be monitored by project personnel.

Continue to **communicate** with occupants of affected area. Work to **achieve air quality** that does not exceed 0.01 f/cc.

Work will resume when appropriate cleaning has been performed and air quality that meets clearance criteria has been reestablished.

Project Specific Information
Location: Rowland Hall
Date(s): October 2018 – June 2019
EH&S After Hours: (949) 824-6200
Field Hygienist: Omega Environmental Field Hygienist
EH&S Industrial Hygienist: Susan Robb (949) 824-8791
Project Manager: Chris Schneider (949) 501-3319 (D&CS)
Building Manager: Rick Fruchey (949) 824-8275
Facilities Management: (949) 824-5444

3-14-19

Marc A. Gomez, MPH, CIH. CSP, ARM — **Date**
Assistant Vice Chancellor, E&HS

3.14.19

Dick T. Sun — **Date**
Associate Deputy Director, E&HS