

**Meeting Minutes
EPA Indoor Air Working Group (IAWG) Meeting
290 Broadway, Conference Room 25A
July 25, 2002**

Attendees: Kathy Callahan, EPA Region 2
Dore LaPosta, EPA Region 2
Carol Lynes, EPA Region 2
Mark Maddaloni, EPA Region 2
Jean Feola, EPA Region 2
Charles Nace, EPA Region 2
Beverly Kolenberg, EPA Region 2
Bob Chinery, NYSDOH
Jim Miller, NYCDOH
Nancy Jeffery, NYCDOH
Lee Ilan, NYCMOEC

Via Telephone: Dana Tulis, EPA-HQ/OERR
Terry Smith, EPA-HQ/OERR
John Girman, EPA-HQ/OAR
Bob Garvey, OSHA

Items discussed:

1. **Background Study Update**
 - The contractor will submit the required Quality Assurance and Health and Safety plans by July 26th. The contractor is TRC Environmental.
 - Getting access into buildings to conduct the study is still a major issue. The contractor is willing to start with one building as long as two residences within the building are included. EPA hopes to get at least two buildings by September.
 - Building owners are concerned about the issue of confidentiality.
 - EPA will not release names or apartment numbers.
 - The data will be released by building and common spaces within the building.
 - EPA's Regional Counsel is reviewing the contract and will add a supplementary confidentiality clause if needed.
 - EPA will look into getting apartments without the access agreements if they could not be obtained from the building owners.
 - The IAWG members were asked to seek volunteers residing in buildings at 79th Street and above. Tenants must abide by the rules of their building when having work done by outside contractors.
2. **IRB Review**
 - The NYCDOH stated that the IRB has concerns with the Background Study.
 - They would rather the tenants only turn on fans or A/C units if they normally would turn them on.

- They question the amount of time the contractor will spend in each unit and the time needed for the tenant to be around.
 - Access is needed to the apartments for the entire duration.
 - Mark Maddaloni will discuss these issues with the Chair of the IRB. The IAWG was requested to provide arguments for Mark to use with the IRB.
 - IRB approval will not delay the start of the Background Study.
3. Pilot Cleaning
- Data is coming in slowly. The Pilot Study end date will have to be extended.
 - Two units are being recleaned based upon initial data results.
 - There are issues with the data that needs to be resolved. These will be sorted out and brought back to the IAWG.
4. Exterior Cleaning
- Generally going well. Access issues have been resolved at some of the buildings.
5. Lower Manhattan Cleaning
- The SOWs are expected to be finalized by the end of the week.
 - Can EPA make a general statement that all of the government agencies are in agreement with the plan?
 - NYSDOH still has issues with the total metals sampling protocol.
 - There are metals data from other studies that is available. All dust sampling data should be sent to Mark Maddaloni.
 - NYSDOH questioned how inaccessible reservoirs of dust would be handled since it is not addressed in the SOW.
 - Each individual unit will be inspected and the Project Monitor will decide if the unit requires cleaning beyond the SOW.
 - The Project Monitor will also determine if there are additional costs associated with that cleaning.
 - A draft fact sheet on the sampling methods will be sent to the IAWG next week.
6. COPC Update
- The peer review panel will convene in NYC.
 - The call for nominations was scheduled to go out by July 26th and responses are due back within two weeks of the call.
 - The panel is expected to have 8-10 members.
 - Preliminary comments were received from the contractor, TERA. They will be discussed further via conference call.
 - The budget for peer review is only \$75,000. This is limited for the results we expect. We anticipate this will place additional burden on the EPA Region 2 office.
7. Database Registry
- NYCDOH is working on the registry of all persons exposed to the WTC disaster.
 - The questionnaire is nearly finalized.

Next meeting: August 8th 10:00 AM - 12:00 PM @ 290 Broadway.

**Meeting Minutes
EPA Indoor Air Working Group (IAWG) Meeting
290 Broadway, 19th Floor Conference Room
July 11, 2002**

Attendees: Kathy Callahan, EPA Region 2
Dore LaPosta, EPA Region 2
Carol Lynes, EPA Region 2
Mark Maddaloni, EPA Region 2
Jean Feola, EPA Region 2
Chuck Nace, EPA Region 2
Katie Lynch, ATSDR
Michael Gilsenan, NYCDEP
Jim Miller, NYCDOH
Lee Ilan, NYCMOEC
Sam Benson, NYCOEM

Via Telephone: Dana Tulis, EPA-HQ/OERR
Sven Rodenbeck, ATSDR
Bob Chinery, NYSDOH

Items discussed:

1. **IRB Review**
 - The Background Study consent agreements and access forms will be presented to the IRB later today by Jim Miller.
2. **Background Study Update**
 - The contract was awarded on June 10th.
 - No residential lofts have been found to be included in the study. NYCDOH will assist EPA with getting more residential spaces to be included in the study.
 - EPA is currently working on getting access to the buildings.
 - The criteria needs to be set so that the data collected can be used by other studies. However, due to small sample size, too many parameters may not result in useful information.
 - The Background Study will not be analyzing samples for total metals.
 - Total metals samples will be collected downtown only and it will be explained that it is for informational purposes only.
3. **Pilot Cleaning**
 - Anticipate completion by the first week in August.
 - Air monitoring clearance after cleaning failed the AHERA (small fibers) clearance criteria but passed the risk-based (large fibers) clearance criteria.
 - Workgroup will discuss offline how this issue should be addressed and report back at the next IAWG meeting.

- Not much data has returned from the pilot yet. It is expected that data will continue coming in after the field work is completed.
4. Exterior Cleaning
- 315 buildings have been identified as needing cleaning.
 - 58 buildings to date have been cleaned by the contractor.
 - 45 buildings have been cleaned by the owners.
 - NYCDEP is still working on licensing agreements with some building owners.
 - The work is being performed during the days, nights and weekends as needed.
 - Completion is anticipated by September 2002.
 - There remains 3 or possibly 4 uncleaned unoccupied buildings. The consultants are beginning their walk-through on July 12th to begin the SOW.
 - NYCDEP will provide the original list of uncleaned unoccupied buildings to EPA which will show the buildings cleaned or being cleaned by the private sector.
 - NYCDEP will keep EPA informed on the status of cleaning activities at the Deutsche Bank office building on Liberty Street.
 - The data collected so far will be shared with EPA.
5. Lower Manhattan Cleaning
- Options for cleaning methods are included in the contract:
 - wet-wiping of vertical non-porous surfaces.
 - disposal of porous items if they cannot be cleaned. EPA is looking into the financial issues for replacement of items that get disposed of.
 - Air monitoring
 - Metals and dioxins will be sampled in 200 units.
 - Options will be presented for aggressive versus non-aggressive sampling.
 - The NYS Attorney's office met with EPA on a number of issues.
 - A SOW is needed to address lead and mold if found
 - Is this cleaning a minor asbestos project? Discussions are continuing on this issue.
 - The latest draft of the Cleaning SOW will be sent to the IAWG.
 - An SOP should be included to address asbestos-containing material that is not related to the WTC if found.
 - 2650 buildings requested cleaning and testing.
 - 600 buildings requested testing only.
 - 59 buildings requested full cleaning.
6. COPC Update
- The COPC Report has been completed and is going to peer review.
 - The peer review panel is scheduled to convene September 23rd to 25th. EPA will push for this to occur in NYC.

Next meeting: July 25th 10:00 AM - 12:00 PM @ 290 Broadway.

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