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Subject: IAWG Meeting Minutes



Meetingminutes.53 0.wpd



Meetingminutes.52 3.wpd

Here are the revised minutes of the May 23rd meeting and the draft minutes of the May 30th meeting.

(See attached file: Meetingminutes.530.wpd) (See attached file: Meetingminutes.523.wpd)

Meeting Minutes
EPA Indoor Air Working Group (IAWG) Meeting
290 Broadway, RM 1940
May 30, 2002

Attendees: Mark Maddaloni, EPA Region 2
Jean Feola, EPA Region 2
Bob Fitzpatrick, EPA Region 2
Carol Lynes, EPA Region 2
Tom Lieber, EPA Region 2
Dan Harkay, EPA Region 2
Tanya Mitchell, EPA Region 2
Arthur Block, ATSDR
Bob Chinery, NYSDOH
Sam Benson, NYCOEM
Jim Miller, NYCDOH
Lee Ilan, NYCMOEC

Via Telephone Dana Tulis, EPA-HQ/OERR
Terry Smith, EPA-HQ/OERR
Sven Rodenbeck, ATSDR

Items discussed:

1. Contaminants of Potential Concern Update
 - The report is still being finalized.
 - Refractory ceramic fibers have not given the COPC working group any reason for concern, therefore, it will be dropped from the COPC list.
2. Background Study Statement of Work
 - The current draft SOW went to the EPA contracts office and quotes are expected during the week of June 3rd.
 - Tenant release forms for access to their apartments are still an issue.
 - The Internal Review Board (IRB) may have concerns about the tenants giving “informed consent”.
 - ATSDR will email to the IAWG the language that was used for the ATSDR Study.
 - NYCDOH should have the consent form from the ATSDR Study that can be modified for the Background Study
 - The IRB process may take up to two weeks and is not expected to be a major hurdle.

- Comments on the draft SOW are being addressed.
 - Commenter: PAH quantification limit not indicated in the SOW
IAWG - Let the lab determine the practical quantification limit rather than alter the sample collection method.
 - Commenter: Total dust sample analysis method is not established.
IAWG - The lab has come up with a method for determining total dust from wipe samples.
 - Commenter: Personal protective equipment (PPE) recommended for contractors but not for apartment occupants.
IAWG - Will include an explanation that the contractors will be more sensitive to exposure due to the aggressive activities they will be performing for sample collection.
 - Commenter: Are the laboratories adequately certified?
EPA has confirmed that the labs are each certified as required for the analysis they will be performed.
 - The sampling will be completed within 21 days of the start of collection.
 - There will be a 5-day lab analysis turnaround for Dioxins and PAHs. There is a 3-day turnaround for all other COPC.
 - The filters in the window A/C units will be shaken to collect samples. Building management will be asked for the filters from HVAC units.
3. Pilot Cleaning
- The draft SOW was handed out at the meeting.
 - FEMA has not commented on the draft SOW to date.
 - EPA still has not been given access to all areas of the building and tenant spaces yet.
 - Air sampling will be performed during the cleaning effort and after.
 - Three samples will be collected for Dioxins and PAHs at first to determine if anymore need to be collected.
 - The contractors are ready to start the week after all access agreements are signed.
4. Peer Review
- No final decision yet.
5. Recommendations for HVAC Cleaning
- NYCDOH sent a draft document to EPA for comment.
6. FEMA Submission
- Although not yet in writing, FEMA agreed to provide some form of funding to reimburse tenants for the replacement of their window A/C units.
 - EPA will check if FEMA will be making HEPA vacuums available for use upon request.
7. Lower Manhattan Cleaning

- The hotline will be online on June 3rd.
- EPA anticipates the cleaning to begin late July or early August.

Next meeting: June 6th at 10:00 AM - 12:00 PM @ 290 Broadway.

Meeting Minutes
EPA Indoor Air Working Group Meeting
290 Broadway, RM 1940
May 23, 2002

Attendees: Kathy Callahan, EPA Region 2
Dore Laposta, EPA Region 2
Mark Maddaloni, EPA Region 2
Jean Feola, EPA Region 2
Bob Fitzpatrick, EPA Region 2
Carol Lynes, EPA Region 2
Berry Shore, EPA Region 2
Tom Lieber, EPA Region 2
Dick Salkie, EPA Region 2
Dan Harkay, EPA Region 2
Robert Garvey, OSHA
Arthur Block, ATSDR
Steve Inserra, ATSDR
Mike Gilsenan, NYCDEP
Nancy Jeffery, NYCDOH
Jim Miller, NYCDOH
Lee Ilan, NYCMOEC
Sylvia Pryce, NYCDCAS

Via Telephone Dana Tulis, EPA-HQ/OERR
Terry Smith, EPA-HQ/OERR
Elissa Feldman, EPA-HQ/OAR
Sven Rodenbeck, ATSDR
Charles Weir, ATSDR

Items discussed:

1. Contaminants of Potential Concern Update
 - An informal peer review meeting took place on May 21st with a few engineers and scientists at 290 Broadway. The COPC draft report was well received.
 - The next COPC call will take place on May 28th. Kathy Callahan wants the group to get all of the issues resolved or bring the major issues to the Working Group for a final decision.
 - The seven COPC remain.
 - Other building materials (calcite and gypsum) should not be COPC but they

could be addressed in the analysis of the total dust samples.

- In the COPC report, the other building materials will not be used for any health risk recommendations.
- For the COPC justification, it is impossible to pull in all of the available data that is out currently but the report will be as comprehensive as possible.
- The use of XRD analysis was discussed with other federal agencies and they were comfortable with the lab procedure.
- The clearance levels for asbestos will be based on the Asbestos Hazard and Emergency Response Act (AHERA) standards.
 - NYC is using the 0.01 fibers per cubic centimeter PCM clearance level, therefore, the relationship to the AHERA standard should be explained.
 - EPA will take the lead in developing a policy to address questions on the correlation of AHERA to other standards.
- There is concern about the consistency of the acceptable risk range.
 - We are using 10^{-4} , however, 10^{-6} is preferred and considered more protective.
 - 10^{-6} is probably below background levels but we do not have that data yet.
 - The Working Group decided that 10^{-6} is not practical and will include an explanation in the COPC report.
- The peer reviewers recommended that a standardized approach should be used for the factors. Where this is not achievable, it will be explained in the COPC report.
- Mold will be explained as not being a COPC in the report.

2. Peer Review

- EPA's Regional Administrator recommends that a formal peer review process should take place. However, the Background Study and Pilot Cleaning activities should not be held up.
- It is anticipated that the time needed for each project will eventually cause the projects to get into the proper alignment. If any anomalies are encountered, they will be dealt with as they occur.
- The members of the Working Group will take this recommendation back to their management and will report on their support or opposition to the Working Group.

3. Pilot Cleaning

- The draft SOW for the Pilot Cleaning will be shared with the Working Group, preferably before the next meeting.

4. FEMA Submission

- Dore Laposta shared a draft of the scope of the EPA/NYC indoor air program that was submitted to FEMA and is being shared with all of the principals.
- FEMA signed off on this version.
- EPA's Regional Counsel and the legal subgroup are currently reviewing the scope.

5. NYC and Exterior Cleaning Updates

- There may only be one building whose interior has never been cleaned.
 - Two bids for the Indoor Air Hotline have been received and they will be opened at noon.
 - Over 1,000 buildings have been inspected. There still remains approximately 250 buildings that will require exterior cleaning.
 - Some building owners have not yet provided licensing agreements.
 - NYC, by law, can collect samples in the building without the owner's approval. However, if a sample returns a positive result, the owner is required to clean the building at his own expense.
 - The contractors are anticipated to start work during the week of June 3rd.
6. NYC Database
- It is not clear if FEMA will be funding this effort. NYC will double check.
 - NYC will consider linking the NYC data with the EPA databases.
7. New EPA Contacts
- Ray Basso will be the lead on the short term cleaning effort.
 - Dick Stapleton will be the EPA hotline contact.
8. Recommendations for HVAC Cleaning
- NYC is working on a SOW.
 - Reimbursement for the replacement of window units is still being considered. Alternative funding sources are being sought.
 - NYC and EPA are not yet in agreement on the cleaning procedures for the fact sheet.
9. Background Study
- Comments have been received on the draft SOW.
 - The replication of wipe samples will be addressed with the QC samples.
 - A representative of the Environmental Occupational Health Sciences Institute (EOHSI) questioned the use of the ASTM method versus the HUD method. The HUD method will be used for lead wipe sample collection as recommended by Dr. Liroy of EOHSI and as decided by the Working Group.
 - No formal method is known for the determination of total dust wipe samples. Total dust samples will be weighed in the lab and one sample will be collected per apartment.
 - Window A/C units and building HVAC units will be wipe sampled. The sampling protocol will be determined.

Next meeting: May 30th at 10:00 AM - 12:00 PM @ 290 Broadway.