

*hlo
Indoor air
working group*

**Meeting Minutes
EPA Indoor Air Working Group Meeting
290 Broadway, RM 2829
April 18, 2002**

Attendees: Kathy Callahan, EPA Region 2
Dore LaPosta, EPA Region 2
Bob Fitzpatrick, EPA Region 2
Mike Debonis, EPA Region 2
Mark Maddaloni, EPA Region 2
Dick Salkie, EPA Region 2
Arthur Block, ATSDR-Region 2
Robert Knowles, ATSDR
Michael Gilsenan, NYCDEP
Nancy Jeffery, NYCDOH
Jeanine Prudhomme, NYCDOH
Randi Walker, NYSDOH
Marilyn Schmidt, NYSDOH

Via Telephone: Dana Tulis, EPA-HQ/OERR
Terry Smith, EPA-HQ/OERR
Peter Grevatt, EPA-HQ/OSWER
Carol Lynes, EPA Region 2
Sven Rodenbeck, ATSDR
Steve Jones, ATSDR
David Ippolito, OSHA

Items discussed:

1. EPA Background Study
 - EPA is making sure to coordinate the activities of the Background Study with the Cleaning Pilot.
 - Sampling issues still need to be worked out. If critical decisions need to be made, they will be brought to the Working Group's next meeting.
 - Buildings outside of Manhattan (potentially impacted) will not be included at this time.
 - A draft statement of work will be available by April 26th. It will be shared with the Working Group at the next meeting.
 - The study will include porous and non-porous materials including walls and ceilings.
2. EPA Cleaning Effort
 - The workplan is close to completion and should be available by April 19th or early the following week. It will be distributed to the Working Group for discussion at the next meeting.

- 110 Liberty Street is the building that will be used.
 - The focus will be on residential units, however, the commercial units on the first floor will be done as well.
3. NYC Exterior Cleaning
- The contractors are in place. There is currently a legal issue dealing with building release forms that is holding up the start of the work.
 - Letters notifying the building owners of the cleaning activities will go out while the inspectors will be re-inspecting the buildings.
4. Potential Indicator Chemicals (PIC)
- Still using seven PICs
 - The action levels of fibrous materials still need to be worked out
 - There are air sample to settled dust sample correlation (k-factor) uncertainties.
 - Data on lead will be reviewed and reported at the next Working Group meeting.
 - The highest comfort level for immediate cleaning, prior to implementing a peer review process, is with asbestos air sampling. Additional options will be considered for the short term.
5. Air Conditioning Units
- Due to the elevated ambient air temperatures at this time, there have been numerous public inquiries on the use of air conditioners and centralized HVAC systems after the events of September 11th.
 - NYSDOH will draft a fact sheet on air conditioners for the public and will share it with the Working Group.
 - The NYC Office of Environmental Management will identify buildings in lower Manhattan that have HVAC systems.
6. Peer Review
- Peter Grevatt has a contractor onboard and has shared the PIC limited information with them.
 - The peer reviewers will be used for technical issues and not risk assessment.
 - Items to be peer reviewed could include:
 - PIC
 - Background Study
 - Cleaning Pilot Protocol
 - EPA's Communication Division may be asked to solicit nominations for the peer review board members.
 - The peer review should be done as we go along. Proposals should be given to them for comments.
 - EPA will have further discussions on the additional time requirements of peer review.
7. Next Task Force Meeting
- The meeting scheduled for April 22nd may be cancelled if no critical decisions need to be made at this time.

when legal issues are resolved

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

Indoor Air Working Group Force Meeting 3/6/02

Items for Discussion

1. Clearinghouse Draft Proposal
 - Need cost estimates for database and other items
2. Contaminants of Concern Workgroup Update
3. ATSDR/NYCDOH Proposal Update → Expansion of
4. Identification of Candidate Buildings for Cleaning
5. Discussion of Proposal for "Advocate"
6. FEMA Proposal
7. Task Force Meeting Tentatively Scheduled for Monday, March 11
8. Next Workgroup Meeting
9. Scientific Advisory Panel } Need to have however you
Expert/Advisory } need to be careful

OEM - will find types of structures / per. that ~~are~~ have
not been cleaned. (for post cleanup - test)

Monday March 11 3PM → Task Force Decision

Wed March 13 9AM → work group
~~March 15~~

DRAFT

WTC Indoor Air/Environment Cleanup Pilot Study Sampling Matrix

Indoor Air Samples	Asbestos/ MMVF	Lead	Dioxins	PAHs	Silica, Calcite, Gypsum	Total Dust	Total # Samples
Monitoring for worker exposure	1	1	0	0	1	0	3

NOTES

MMVF - Man Made Vitreous Fibers

This table does not include the 10% Quality Control samples.

Air samples will be collected during the clean up to monitor worker exposure.

Avaltroni, Robert

From: Maltais.Nancy@epamail.epa.gov
Sent: Friday, May 31, 2002 10:27 AM
To: dianac@dep.nyc.gov; avaltronir@dep.nyc.gov; ecrotty@gw.dec.state.ny.us;
cxjohnso@gw.dec.state.ny.us; rjt03@health.state.ny.us; jleight@health.nyc.gov;
rcw1@cdc.gov; larry.zensinger@fema.gov; kenneth.kasprisin@fema.gov;
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Subject: WTC Indoor Air TASK FORCE Meeting

The WTC Indoor Air TASK FORCE meeting scheduled for Monday, June 3rd has been cancelled.

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