

3/6/02

DEPARTMENT OF ENVIRONMENTAL PROTECTION

ACTIVITIES

- Initial Response and Assessment
- Coordination with OEM, EPA, DOS & DOH
 - for clean-up activities of streets, sidewalks & common areas
 - to determine street openings after assessment of monitoring results

- Participated in daily meetings with EPA, NYS DOH, NYSDEC and other City agencies to discuss clean-up activities and air sampling results.
- Developed and distributed advisories
 - Building sites
 - Community Assistance Desk
 - Real Estate Board
- Telephone assistance to building owners, tenants, contractors, and consultants 12 hours/ day for 2 months and ongoing

- Press release to contact DEP 24-hour HELP Center with re-occupancy concerns.
- Site inspections & Building Surveys.
- Review of scopes of work for clean-up of ACM and processing of emergency notifications. Inspections and follow-up inspections were performed at all these sites.

DEP's AMBIENT AIR SAMPLING –ASBESTOS

Background

- One sampling station in each of the five boroughs from 9/14 to 10/12
- 408 samples (PCM)^{have in fact 1,000}
- All the sample results are within acceptable levels

Re-occupancy std 0.01f/cc or 70 ^{times} s/mm² ^{millimeter²}

DEP's AMBIENT AIR SAMPLING -ASBESTOS

Schools Around Ground Zero

- 8 hour air samples in front of Stuyvesant High School, PS 89, 100 Trinity Place and PS 234
- 10/4 to 10/18 60 samples (PCM)
- 10/19 – ongoing (TEM) 556 samples (3/6/02)
- All the sample results are within acceptable levels.

Re-occupancy std 0.01f/cc or 70 s/mm²

INDOOR SAMPLING

Results of the sampling data submitted by building owners to date

Number of Buildings	218
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BULK

Bulk samples collected	1,999
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Positive Bulk Samples (greater than 1% asbestos)	128
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AIR

Air Samples collected	111,768
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Phase Contrast Microscopy(PCM)	75,275
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Positive PCM sample results (greater than 0.01f/cc)	780
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Transmission Electron Microscopy(TEM)	36,493
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Positive TEM sample results (greater than 70 s/mm ²)	108
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as of 3/4/2002

DEP'S AMBIENT ASBESTOS AIR SAMPLING RESULTS - SUMMARY

- 3540 samples collected from network of stations around ground zero
- 616 samples collected in front of 4 schools
- 408 samples collected from outer boroughs
- Total number of samples 4564
- Only 9 (0.2%) samples violated the std

~~as of 2/6/02~~
3/6/02

BUILDING INSPECTIONS

Exterior Inspections(100% of buildings)	452
(Façade and/or Roof and/or setback)	Zone I Zone II
• Buildings with varying degree of debris present	211

COMPLAINTS

• Complaints recd. since 9/11	75
• Complaints responded	75
• Complaints resolved to date	51
• Violation issued	1
• Clean-up ordered	1

Wood pulp or fiber, reduction or processing, including paper mill operations
Wool scouring or pulling

B. STORAGE OR MISCELLANEOUS USES, OPEN OR ENCLOSED

Coal or gas storage
Dumps, marine transfer stations for garbage, or slag piles
Electric power or steam generating plants
Explosives storage, when not prohibited by other ordinances
Gas manufacturing plants
Grain storage
Junk or salvage yards, including auto wrecking or similar establishments, provided that such yard is completely enclosed on all sides by a solid opaque fence or wall (including solid opaque entrance and exit gates) of suitable uniform material and color, at least eight feet in height and constructed in accordance with rules and regulations to be promulgated by the Commissioner of Buildings.
Lumber yards, with no limitation on *lot area* per establishment
Manure, peat, or topsoil storage
Petroleum or petroleum products, storage or handling
Refrigerating plants
Scrap metal, junk, paper or rags storage, sorting, or baling, provided that any yard in which such use is conducted is completely enclosed on all sides by a solid opaque fence or wall (including solid opaque entrance and exit gates) of suitable uniform material and color, at least eight feet in height and constructed in accordance with rules and regulations to be promulgated by the Commissioner of Buildings.

C. Accessory Uses

42-20 PERFORMANCE STANDARDS

In all *Manufacturing Districts*, after the effective date of this resolution, any use thereafter established or changed to a use listed in Use Group 11A, 16, 17, or 18, and every *building or other structure* or tract of land thereafter *developed*, constructed, or used for any use listed in Use Group 11A, 16, 17, or 18, shall comply with each and every performance standard governing noise, vibration, smoke and other particulate matter, odorous matter, toxic or noxious matter, radiation hazards, fire and explosive hazards, humidity, heat, or glare applicable to the district in which such use, *building or other structure*, or tract of land is located.

If any existing use or *building or other structure* is *extended*, *enlarged* or reconstructed after the effective date of this resolution, the applicable district regulations for each and every performance standard shall apply with respect to such *extended*, *enlarged*, or reconstructed portion or portions of such use or *building or other structure*.

In case of any conflict between the Use Groups and the performance standards, the latter shall control. Uses listed in Use Group 18 are permitted in M1 or M2 Districts (as well as M3 Districts) if such uses

comply with all of the applicable performance standards for such districts.

In case of any conflict between the performance standards the rules and regulations adopted by the Department of Environmental Protection, the more restrictive shall apply.

42-21

Performance Standards Regulating Noise

42-211

Definitions

For the purposes of this Section, the following terms are defined:

Decibel

A "decibel" is a unit of measurement of the intensity of sound (the sound pressure level).

Sound level meter

A "sound level meter" is an instrument standardized by the American Standards Association, which is used for measurement of the intensity of sound and is calibrated in *decibels*.

Italicized words are defined in Section 12-10, except technical terms applicable to performance standards only, which are defined in appropriate Sections of this Chapter.