NYC 9/11 Public Portal Document

AIR MONITORING

Air Monitoring/Construction Inspection Services

Air monitoring by an independent third party consultant is required during the dust clean-up activities. Air Monitoring Consultant shall provide individuals certified as both project monitors and air sampling technicians to perform daily air sampling from the commencement of the project through to final air clearance sampling. The following tasks are performed on a daily basis:

Air Sampling Analysis

All air samples shall be analyzed via Phase Contrast Microscopy (PCM). The method of analysis and sampling methodologies shall be governed by New York City Department of Environmental Protection (NYCDEP) Title 15 and New York State Industrial Code Rule 56 (NYSICR 56).

Air Monitoring During Clean-up

- Samples shall be collected at critical barriers outside the work area, the clean room of the worker/waste decontamination facility, and outside of the building.

- Sample collection shall be in strict accordance with (NYCDEP) Title 15 and New York State Industrial Code Rule 56 (NYSICR 56) regarding sample locations, rate of flow, and required volumes to achieve the necessary analytical sensitivity.

- All air sampling equipment shall be pre- and post- calibrated to insure accurate air sampling volumes.

- The Air Sampling Technician shall perform air sampling after the area is free of dust accumulations as determined by the Project Monitor. The apartment will be re-cleaned and retested if the clean-up criterion of 70 structures / square millimeter (70 s/mm^2 measured by TEM) is not achieved. This clean-up criterion may be reevaluated and revised, if determined necessary based on field conditions and analytical limitations.

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