NYC 9/11 Public Portal Document

INITIAL ASSESSMENT OF VEHICLES AFFECTED BY WTC COLLAPSE

Provide background on possible relatively low concentrations of asbestos present in some bulk materials associated with WTC collapse.
Discuss that, as with cleaning of residential locations affected by dust, cleaning can be performed by using wet methods, HEPA vacuum, with personal protective equipment.

POST-CLEANING TESTING OF VEHICLES AFFECTED BY WTC COLLAPSE

1. Sampling Area: The sampling area will be as clean as feasible, wet-mopped and/or HEPA vacuumed where feasible or required.

2. Vehicles will be cleaned using the DOH/AAA Protocol (attached), ensuring that the air circulating system has been run for at least fifteen (15) minutes and the vehicle has been driven as per the protocol.

3. a. Set the air circulating system on maximum setting (keep vent closed in recirculation mode).

   b. Perform air monitoring inside the vehicle as per NIOSH Analytical Method 7400. The passenger seat breathing zone (BZ) is the preferred location if a minimum of one sample is to be taken. If more than one sample is taken, place one in front and one in back of vehicle in passenger BZ.

4. Perform area air monitoring approximately 5' from the front of the vehicle (area where air circulating system intake is located).

5. All samples are to be analyzed by phase contrast microscopy as per NIOSH Analytical Method 7400. Results at or above the NYC standard for asbestos in community and residential buildings of 0.01 f/cc shall be further analyzed by transmission electron microscopy (TEM) using NIOSH Method 7402.

6. If the results of sampling exceed established criteria, clean vehicle again and repeat testing.

Criteria:

Phase contrast microscopy (PCM – NIOSH Method 7400) 0.01 f/cc (US and NYC standard for asbestos in community and residential buildings).

Transmission electron microscopy (TEM – NIOSH Method 7402) 70 structures/mm2 (AHERA school standard)

If the outside area air sample equals or exceeds 0.01 f/cc, results of vehicle interior air sampling must be adjusted or interpreted accordingly.

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