NYC 9/11 Public Portal Document

Stuyvesant High School
Chambers Street, New York, NY
SCA Project #:M477-15217, LLW#: 29881

Scope of Work/Sampling Protocol for Clean-Up of Unit Ventilator's
Contractor: Kiss Construction, Inc.

1. TDX is to disconnect and open external cover of Unit Ventilator's in classroom
2. Kiss Construction will construct tent (1 layer 6 mil poly) around all Unit Ventilator's within classroom. Kiss will use HEPA vacuum as negative air
3. Lead Personal Air Monitoring (IWA)

   When Kiss starts building tent in each classroom, calibrate personal pump with lead cassette to 2 L/min and put on one worker. Write Workers Name, SS Number, and Room Number on Chain of Custody.

   Example: If Kiss are building tents in four (4) classrooms, Taylor will be sampling 4 (four) different workers, (one in each classroom/tent)

   Change cassette(s) on worker(s) every 4 (four) hours. 2 (two) samples per worker per shift

   (Minimum Volume – 200L) – (100 Min @ 2 L/Min)

   (Maximum Volume – 1500L) – (750 Min @ 2 L/Min)
4. Lead Ambient (outside tent) Air Monitoring (OWA)

   When Kiss start building tent in each classroom, calibrate high volume (AC) pump to 2 L/Min with lead cassette, use stand (5' High) and position pump away from tent inside classroom near entrance to corridor/hallway.

   Collect 1 (one) sample for duration of shift (≈8 hours)

   (Same minimum/maximum volumes as for personals)

   At conclusion of sampling, collect air-samples (check final flow rates): personals and ambients (collect 10% or minimum of 2 field blanks per batch) and drop off samples to lab (ATC) for 12 hour turnaround time (not 6 hour: wipes only)

   NOTE: For all lead air samples write NIOSH Method 7082 on Chain of Custody and 12 hour turnaround time in Comments Section.
5. Kiss will clean Unit Ventilator's within tent enclosure. Taylor will perform visual inspection of Unit Ventilator's and interior of tent to ensure no-dust remains.

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6. If Unit Ventilator's are clean, Taylor Lead Inspector will collect 1 (one) lead wipe sample from each Unit Ventilator within each tent.

   Wipe sample to be 1 ft^2 – collect from rear of unit (metal sheeting). Submit a minimum of 2 field blanks or 10% of total wipe samples collected with each batch.

7. Taylor representative to proceed immediately to lab (ATC Associates) and drop off samples for 6 hour turnaround time.

8. Receive results from lab; if all results are <20 $\mu g/ft^2$, Kiss will breakdown tent, and Unit Ventilator's can be re-connected to wall (TDX). If any results are >20 $\mu g/ft^2$, instruct Kiss to re-clean unit, re-sample Unit and take samples to the lab.

9. After all cleaning work is completed within classroom, Taylor will conduct a visual inspection to ensure no visible dust remains. If room passes visual, Taylor Lead Inspector will collect 2 (two) wipe-samples from each classroom.

   a. One wipe sample from floor – 1 ft^2

   b. One wipe sample from horizontal surface

      Example: Table top (1 ft^2): (use templates)

   c. Taylor representative to drop off samples to lab (ATC) for 6 hour turnaround time.

   d. Submit a minimum of 2 field blanks or 10% of total wipe samples collected with each batch

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