

DRAFT

Environmental Monitoring Update
Data reported to NYC DOH 9/25/01 as of 4 pm

Asbestos

Ambient air monitoring

Agency	Date	Location	N samples	N above 0.01 fibers/cc *	N above OSHA PEL @	Maximum (fibers/cc)	Comment
USEPA	9/21/01-9/22/01	New Jersey	12	0	0	--	All were less than detection limit; highest detection limit was <0.006 by TEM.
	9/21/01-9/22/01	Inside controlled zone	10	0	0	0.007 by PCM	Highest was Location #E at South End and Liberty. TEM was <0.004.
	9/21/01-9/22/01	Perimeter of controlled zone	3	0	0	--	All were less than detection limit; highest detection limit was <0.004 by TEM.
	9/21/01-9/22/01	Neighborhood near controlled zone	5	0	0	--	All were less than detection limit; highest detection limit was <0.006 by PCM.
	9/21/01-9/22/01	Fresh Kills Landfill	11	0	0	--	All were less than detection limit; highest detection limit was <0.008 by PCM.
ConEd	9/21/01-9/23/01	Inside controlled zone	17	0	0	0.008 PCM	Max values recorded at Albany and West & also at WTC plaza. No TEM given.
	9/21/01-9/23/01	Perimeter of controlled zone	3	0	0	0.007 PCM	Max value recorded at Church and Fulton. No TEM given.
	9/21/01-9/23/01	Neighborhood near controlled zone	1	0	0	0.003 PCM	Max value recorded at Park Row and Greenwich. No TEM given.

DRAFT

Agency	Date	Location	N samples	N above 0.01 fibers/cc *	N above OSHA PEL @	Maximum (fibers/cc)	Comment
NYC-DEP	9/24/01	5 schools, distant from controlled zone	15	0	0	0.008 by PCM	Highest was PS64, 600 East 6 th Street (no TEM analysis done).
US Public Health Service	9/18/01-9/19/01	Fresh Kills Landfill	10	9	0	0.07 by PCM	No TEM analysis was done.
	9/19/01	Inside controlled zone	2	1	0	0.019 by PCM	No TEM analysis was done.

* Approximately equivalent to indoor clearance level for residences or schools. EPA results by TEM method, NYC-DEP by PCM
 @ 0.1 fibers per cc by PCM method; US-OSHA permissible exposure limit for 8 hour time weighted average.

Interpretation: Dusty work in control zone or Fresh Kills Landfill continues to have the potential to generate elevated levels of asbestos fibers. Continued use of appropriate respiratory protection for workers in or near potentially dusty locations or tasks is indicated. Dust suppression measures should be enhanced. Additional personal monitoring underway.