

**New York State Department of Labor
Public Employee Safety & Health Bureau
State Office Campus, Bldg #12, Rm 158
Albany, NY 12240**

***New York City Police Department
Personal Exposure Monitoring
Fresh Kills Landfill
September 26, 2001***

Employee/ Job Title	Location	Minutes Sampled	Substance Sampled	TWA Sampling Results	PESH 8-hour PEL
P - 1 Policeman	Sifting Crew	95	Asbestos	0.023 f/cc ¹ <0.002 f/cc ²	0.1 f/cc
D - 1 Detective	Auto Crime	215	Asbestos	0.016 f/cc ¹ <0.001 f/cc ²	0.1 f/cc
P - 2 Policeman	Sifting Crew	90	Total Dust Total Quartz Silica % Silica	ND <0.280 mg/M ³ <=0.053 mg/M ³ <=23	5 mg/M ³ 0.1 mg/M ³ * NA
D - 2 Detective	Auto Crime	191	Total Dust Total Quartz Silica % Silica	0.293 mg/M ³ 0.085 mg/M ³ 29	15 mg/M ³ 0.1 mg/M ³ * NA

f/cc = Fibers per Cubic Centimeter

TWA = Time Weighted Average

PEL = Permissible Exposure Limit

PESH = NYS Public Employee Safety and Health Bureau

mg/M³ = milligrams per cubic meter

NA = Not Applicable

* = Indicates PEL for respirable fraction of silica, however, sample was for total silica.

% = Percent

< = Less Than

<= = Less Than or Equal To

Analytical Method for total dust is based on NIOSH 0600

Analytical Method for silica is based on OSHA ID142 and NIOSH 7500

¹ = Sample result based on analytical method NIOSH 7400. This method utilizes Phase Contrast Microscopy (PCM) which counts ALL FIBERS longer than 5 microns in length and have a length to width ratio equal to or greater than 3:1.

² = Sample result based on analytical method NIOSH 7402. This method utilizes Transmission Electron Microscopy (TEM) to identify and quantify asbestos fibers present.