

This fact sheet provides information for area residents, workers, and businesses about LMDC's efforts to monitor air quality in and around the 130 Liberty Street building before and during the proposed deconstruction activities.

LMDC initiated a 30-day public comment period concerning the planned deconstruction of 130 Liberty Street on September 14, 2004, which will end on October 13, 2004. LMDC is currently soliciting public input and concerns regarding the deconstruction of 130 Liberty Street.

On August 31, 2004, LMDC took ownership of the building at 130 Liberty Street, previously known as the Deutsche Bank Building. LMDC is developing a deconstruction plan for the building in order to move forward with plans for redevelopment of the World Trade Center site. To assist with preparations for deconstruction, LMDC retained three firms: (a) the Louis Berger Group to inspect and conduct sampling and analysis of contaminants at 130 Liberty Street; (b) TRC Environmental Corporation to provide environmental consulting services; and (c) Ambient Group to perform air monitoring around the exterior of the building.

Historical Air Monitoring

Previous studies of the building were conducted by the former building owner, Deutsche Bank, and its insurers. As part of Deutsche Bank's effort, the bank engaged Ambient Group, an independent licensed air testing company, to conduct air monitoring around the building. Ambient Group collected samples from Summer 2002 until August 30, 2004. Asbestos analytical results were provided to the New York City Department of Environmental Protection (NYCDEP) on a daily basis.

Current Air Monitoring

LMDC has retained the same air testing company, Ambient Group, to continue the existing outside air sampling program at the building. The new contract went into effect on August 31, 2004, when

LMDC took ownership of 130 Liberty Street. The program includes air sampling at the street level at four locations around the building 24 hours a day, 7 days a week. The monitoring is being conducted to determine whether ambient concentrations of airborne metals or asbestos exceed specified criteria.

At each of the four sampling locations (1) twenty-four hour metal sample, and (3) eight-hour asbestos samples are collected each day over a 24-hour period. Sample analysis is conducted on these air samples plus quality assurance samples.

The daily sampling at each of the four locations includes air sampling and analysis for the following parameters:

- Asbestos air sampling and analysis via transmission electron microscopy (TEM).
- Metals air sampling and analysis for 9 metals.

Air monitoring stations are located:

- Southwest of the building at Washington and Albany streets;
- Southeast of the building at Albany and Greenwich streets;
- East of the building on Greenwich Street; and
- Northwest of the building at Washington and Cedar streets.

Sample results are compared to the following criteria,

- Asbestos TEMs: 70 s/mm² (USEPA 40 CFR Part 763 [AHERA])
- Metals (See Table 1 below)

Table 1 - Reference Information for Criteria Comparison

Element	Results	NIOSH ¹	OSHA ² TWA ³	OSHA AL ⁴
Barium	0.5 mg/m ³	●	●	
Beryllium	1.0 ug/m ³		●½	
Cadmium	2.5 ug/m ³		●½	
Chromium	0.5 mg/m ³	●	●	
Copper	0.5 mg/m ³	●½	●	
Lead	0.03mg/m ³			●
Manganese	1.0 mg/m ³	●		
Nickel	0.5 mg/m ³		●½ ⁵	
Zinc	2.5 mg/m ³	●½	● ⁶	

Notes:

- 1 = National Institute for Occupational Safety and Health
- 2 = Occupational Health and Safety Administration
- 3 = Time Weighted Average
- 4 = Action Level

Ambient Group and TRC Environmental Corporation review the results and the asbestos results are submitted daily to the New York City Department of Environmental Protection (NYCDEP).

Future Air Monitoring

LMDC and its consultants are evaluating the current air monitoring program and taking immediate steps to expand and enhance it. LMDC is adding an air monitoring location north of the building adjacent to the public walkway along Liberty Street and exploring potential locations at the nearby residential buildings east of 130 Liberty Street.

As deconstruction approaches, LMDC will continue to explore alternative locations including roof setbacks in and around the deconstruction site. Sampling will continue throughout building deconstruction.

Is the Air Data Available for Review?

LMDC will soon provide its air monitoring results on its website at www.renewnyc.com. Air monitoring results on the website will be updated regularly. Hard copies of the results will also be available for review on request at LMDC's office.

LMDC's *Initial Building Characterization Study* and studies conducted by Deutsche Bank and its insurance companies are available for viewing through October 13, 2004 at LMDC's office during business hours or by contacting LMDC at the number listed below. Appointments are encouraged. Additional information on air quality in Lower Manhattan can be found on the EPA's website at www.epa.gov.

FOR MORE INFORMATION

All project-related inquiries and written comments should be directed to:

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In the event of an emergency involving the 130 Liberty Street Building at this time please call 911 or the Gilbane Building Company 24 Hour Emergency Hotline at 917-715-6790.