

13876

Name of Operator Harold Robinson Date: Apr. 3, '02 Time: 11:15 A

Category: (circle one)

Environment

Cleaning

Health

Indoor Air

Specific Contaminant

School

Old WTC

Other

Question: John Wyles a developer of 61 North Moore St.

was concerned about the indoor air quality after one of the
condo. owners tested and concluded that materials from WTC
were in the air. What kind assistance can he get
for cleaning the vent. system in the Bldg.

Answer: someone will contact him.

Comments: He has a telephone # for FEMA.

We will fax individual owner's report on air quality testing
for that condo unit. He would like an indication if it is
the individual owner's responsibility to clean
the vent. system.

Caller Information:

First Name: PII

Last Name: PII

Address 1: _____ Apt. _____

Address 2: _____

City _____ State: _____ Zip: _____

Phone #1 PII Phone #2 () _____

Systems are not
central, but spec. to
each apt.
Borough: Manhattan

Follow up:

Referral/Follow-Up Needed? (circle one)

YES

NO

Referral Agency/Organization: _____

DEP Reference # _____

fax 212 704-5170
attention LIZA

FAXed report
to Vin
Caluccio
7DOH
(212) 431-2585

TriBeach Holdings, LLC.

Tel 212.966.4705 Fax 212.966.4463

61 North Moore

Wednesday, April 03, 2002

To: NYC Indoor Air Quality Task Force Attention: Liza	Fax: 212 704 5170
From: PII	Pages: 3 Including this page
RE: environmental evaluation report	

FAX TRANSMITTAL

Dear Liza,

Harold Robinson asked us to forward attached report to you for comment/action.

We would appreciate any advice/assistance you can provide either us, as developers or the apartment owner.

Thank you,



John Wyles

micro ecologies inc.

Industrial Hygienists and Environmental Health Investigators

Fax Cover Sheet

Date: April 2, 2002
To: Deedee Welles
Phone: 212-474-1814
Fax: 212-474-3700
From: William Sothorn
Phone: 212-755-3265
Industrial Hygienist and General Manager Fax: 212-755-4848
of Pages: 2

On March 7, 2002, we conducted a limited indoor environmental evaluation of your residence located at 61 North Moore Street, Apt P11 NYC. Following is a summary of significant observations, test results, and recommendations:

HVAC (heating, ventilation and air conditioning) System

Air Handler

- The apartment is cooled by a central air conditioning system. The air handler for this system is located in the ceiling plenum above the laundry room. Following is a summary of the hygienic deficiencies noted and the corrective actions recommended:
 - All surfaces inside the air handler contain a moderate level of dust similar in appearance to the dust in the air supply and return ducts. All surfaces within this unit should be thoroughly HEPA vacuumed. If accessible, the blower wheel should be removed, soaked and scrubbed. This will provide access to the initial run of supply duct for encapsulation with Fosters 40/20 (a high viscosity anti-fungal fiberlock paint) or equivalent.
 - The fiberglass insulation on the interior surfaces is foil covered and is in generally good condition. Selvages and small damages should be encapsulated by hand with Fosters 40/20 or equivalent.

Return Ducts

- The unlined galvanized return duct (approximately 20-25 linear feet) extends from the intake located on the ceiling of the entrance foyer to the air handler. Following is a summary of the hygienic deficiencies noted and the corrective actions recommended:
 - The return duct contains a heavy level of loose dust. This duct should be thoroughly vacuumed using HEPA filtered equipment.

micro ecologies inc: 141 east 61st street, 2nd floor ♦ new york, ny 10021 ♦ tel: (212) 755-3265 ♦ fax: (212) 755-4848
 website: www.microecologies.com ♦ e-mail: microecologies@aol.com

Industrial Hygienists and Environmental Investigators ♦ HVAC Hygiene ♦ Certified Hazard Abatement

Air Supply Ducts

- The air supply ducts extend from the air handler to rooms on both floors of the premises. Following is a summary of the hygienic deficiencies noted and the corrective actions recommended:
- The ducts that we inspected in the master bedroom are lined with fiberglass insulation on the interior surfaces. We expect that all ducts throughout the premises are similarly lined. The lower horizontal surface contains a moderate level of loose dust. Because of the textured surface of the fiberglass, some of this dust will be engrained.

A wipe sample was taken from the loose dust and analyzed for metals content. The EMSL laboratory results indicate the presence of significant levels of toxic metals in this dust. The composition of the metals in this dust is similar to that which we have detected at other premises in the vicinity of the World Trade Center disaster site. For example, the lead concentration level is 600 ug/ft². This contrasts to the lead clearance standards of 40 ug/ft² on floors, 250 ug/ft² on window sills, and 400 ug/ft² in window wells. Also, present in the dust are higher than background levels of arsenic, chromium, and nickel.

Direct contact vacuuming of fiberglass lined ductwork is not recommended because such vacuuming may damage the fiberglass insulation. The options for correcting this problem are either to suction these ducts using high velocity HEPA filtered collectors or to encapsulate the fiberglass surfaces with an encapsulant such as Fosters 40/20. Because we noted numerous damages to the fiberglass liner, especially where air flow dampers (stationary dampers) are installed and at solvages, we recommend that these fiberglass lined ducts be encapsulated. This will prevent the entrainment of fiberglass fibers into the supply air flow. The inhalation of fiberglass fibers is associated with chronic inflammatory responses at fiber deposition sites in the respiratory tract. To provide access for this encapsulation, it will be necessary to cut access openings into the ceilings. Permanent access doors can then be installed by a carpenter for aesthetic purposes and also to provide access for future inspection and duct cleaning projects.

Fosters 40/20 and equivalent products

Fosters 40/20 is a low-toxicity product. However, it emits a typical paint odor until cured which normally requires approximately 48-72 hours. Persons with known sensitivities to paint odors/vapors should not re-occupy the area until odors are no longer discernible. Fosters 40/20 should not be applied if the areas are wet.

Qualifications and Price

We are highly qualified and experienced mechanical hygiene contractors and have performed hundreds of similar jobs. We would be pleased to provide references.

If you would like us to plan, supervise, and perform this work, our price is \$8800. We estimate that this job will require approximately 5 working days.

Please call if you or your designee would like to discuss these findings and recommendations.

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