

Avaltroni, Robert

From: Chapin, Diana
Sent: Friday, April 19, 2002 2:39 PM
To: Avaltroni, Robert
Subject: FW: Draft Agreement - Indoor Air

Bob,

As per Diana.

Michael

-----Original Message-----

From: LaPosta.Dore@epamail.epa.gov [mailto:LaPosta.Dore@epamail.epa.gov]
Sent: Friday, April 19, 2002 1:49 PM
To: dianac@dep.nyc.gov; jleight@health.nyc.gov;
rjt03@health.state.ny.us
Cc: Callahan.Kathy@epamail.epa.gov
Subject: Draft Agreement - Indoor Air

For you and your commissioners, please review. I still need to add some cost estimates. Ron - please share with Erin. Diana- I am still drafting the letter for Chris, I will get it to you soon. Please call Kathy at 212 637-3724 when you've completed your review. Thanks.

(See attached file: wtcfemaout.wpd)

Dore LaPosta
732 321-6686 phone
732 321-6616 fax



wtcfemaout.wpd

laposta.dore@epa.gov

EPA/NYC Indoor Air Approach - Request to FEMA

4/19/02

when a qualified consultant when we receive complaints

consultant

Identification, Inspection and Possible Cleaning of HVAC Systems as Part of Exterior Cleaning

NYCDEP will identify the residential buildings with HVAC systems in lower Manhattan and determine if further action needs to be taken to inspect or clean these systems. This effort will be combined with the exterior building cleaning effort.

Projected Cost: To be determined.

ask bldg for ASHRAE inspection subcontractor by Air conditioning checks records etc. make recommendations

Cleaning of Debris-Laden Unoccupied Buildings

NYCDEP will clean the remaining unoccupied (residential and commercial) buildings near the WTC site that contain WTC-debris. This is necessary to prevent recontamination of other structures in lower Manhattan.

Projected Cost: \$10 million, based upon estimates approximately \$1 million/building for 10 buildings

Health?? Legal Towers can clean bldgs that have been identified by OSHA. DEP will arrange clean-up

Pilot Building Cleaning Effort to Confirm Cleaning Techniques

EPA will clean one unoccupied building to confirm and test the techniques recommended for removing WTC-debris material from the indoor environment.

Projected Cost: \$5 million

Direct Assistance to Residences and Residential Buildings Owners

EPA, working with OSHA and NYC, will establish mechanisms to offer assistance to individuals that self-identify as having cleaning concerns in lower Manhattan within a geographic area bounded on the south, east and west by the coastline and on the north by the south side of Canal Street. EPA will solicit participation in this direct assistance program through public announcements. A hotline will be established to receive requests from the public as soon as possible. The assistance will include the following options:

- 1) Cleaning within apartments and building open spaces, followed by air asbestos testing, using asbestos abatement contractors. Based on existing data evaluated by OSHA during lower Manhattan indoor clean-ups, OSHA will under appropriate circumstances make a determination that these contractors will not be required to use protective clothing or gear. If the contractor determines protective clothing and gear is warranted based on their observation of the conditions the cleaning will be done using appropriate personal protective equipment.
- 2) Testing for airborne asbestos within residences or building areas.
- 3) Providing HEPA vacuums to residences who request to perform their own cleaning on an ongoing basis.

Projected Cost: Needs to be determined. (The March 11 submittal was for \$80 million.)

Vacuums costs approximately \$400/each. Apartment cleaning is approximately \$14,000/apartment. Testing for asbestos is approximately \$3,000/apartment. Commercial space cleaning and testing is \$6-8 /sq. foot. Total costs will not be available until the information campaign is complete and EPA can determine the extent of what will be required.

Consultant Contractor Consultant

free HEPA vacs

Targeted Sampling to Determine if There are Occupied Locations Require Additional Cleaning

EPA will collect airborne asbestos samples within a variety of residential buildings in lower Manhattan south of Canal Street to determine if there are locations that may require additional cleaning. EPA will work with building owners to obtain access for this sampling. This will supplement the request-for-assistance program. If sampling determines that cleaning is required, EPA, working with NYC, will ensure that the cleaning is undertaken. EPA will publically release the information collected from this sampling as it becomes available on a rolling basis.

Projected Cost:

Targeted Sampling to Determine if there are Occupied Locations Require Additional Cleaning

EPA will collect airborne asbestos samples within a variety of residential buildings in lower Manhattan south of Canal Street to determine if there are locations that may require additional cleaning. We will work with building owners to obtain access for this sampling. This will supplement the request-for-assistance program. If sampling determines that cleaning is required, EPA, working with NYC, will ensure that the cleaning is undertaken. EPA will publically release the information collected from this sampling as it becomes available. \$3000 per location

Sampling to Determine Background Levels of Potential Contaminants

EPA will sample residences in areas of NYC unaffected by WTC-related debris to establish what may be considered pre-existing levels of potential contaminants. It is likely that this sampling will occur north of 78th Street. This will assist EPA, ATSDR and NYCDOH in evaluating the levels of the potential contaminants from the WTC disaster. NYCDOH will obtain access agreements and prepare notifications to residents.

Projected Cost: \$1.3 million

Aggressive