NYC 9/11 Public Portal Document

THE CITY OF NEW YORK
LAW DEPARTMENT
100 CHURCH STREET
NEW YORK, NY 10007

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July 10, 2003

Mr. Rick Beusse
U.S. EPA Office of the Inspector General
Mail Drop: N-283-01
RTP, North Carolina 27711

Re: Excerpts from Draft Evaluation Report: EPA's Response to the World Trade Center Collapse: Lessons Learned, Assignment No. 2002- 0000702

Dear Mr. Beusse:

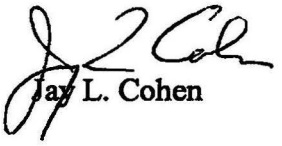
Enclosed are documents that were requested by the U.S. EPA Office of the Inspector General and documents to support the comments of the City of New York to the draft U.S. EPA Office of the Inspector General report referenced above.. These documents are:

1. NYCDEP Memorandum Re: Business Information Center
2. NYCDEP Notice to Building Owners Re: Reopening Buildings
3. NYCDEP Initial WTC Inspections
4. NYCDEP Exterior Inspections Report
5. NYCDEP Complaint Logs
6. NYCDEP ACP-7 Forms
7. Environmental Health Safety Task List
8. U.S. EPA Region 2 WTC Emergency Response Activities to September 17, 2001
9. U.S. EPA Press Information September 17, 2001
10. Environmental Health Safety Task Force
11. NYCDoHMH Order
12. EHS Sign In Sheet, September 25, 2001
13. U.S. EPA Letter to NYCDoHMH, March 6, 2002
14. Sign In Sheets for Safety Meetings for September 2001
15. Environmental Health Safety Task List, September 17, 2001

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A number of these documents have been redacted to delete the names, telephone numbers and tax identification numbers of private citizens. We should be able to send documents in addition to the documents being sent today by Tuesday, July 15, 2003. If you would like any other information, or if you would like to discuss these documents or our comments, please call me. Thank you for your time and cooperation.

Sincerely yours,



Jay L. Cohen

NYC-WTC_000146130

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To: Virginia Smyth

From: Bruce Macdonald

cc. Mike Gilsenan, Rose Marabetti

Re: Business Information Center -- 110 Maiden Lane, Manhattan

Date: 9-19-01

Following are the personnel shifts and activities for EEDAU's staff at the Business Information Center at 110 Maiden Lane (aka 80 Pine Street). Operations started on Saturday September 15th.

Shifts/Personnel:

DATE	EEDAU PERSONNEL
Sat. 9-15-01	Savern Rollins 3pm to 6pm
Sunday 9-16-01	Rose Marabetti 9am to 2 pm Savern Rollins 10am to 8pm
Monday 9-17-01	Rose Marabetti 1pm to 4pm Bruce Macdonald 1pm to 8pm Karen Ellis 1pm to 4pm
Tuesday 9-18-01	Bruce Macdonald 8am to 4:30pm
Wednesday 9-19-01	Karen Ellis 8am to 6pm Savern Rollins 10am to 6pm
Thursday 9-20-01	Karen Ellis 8am to 6pm
Friday 9-21-01	Bruce Macdonald 8am to 6pm Savern Rollins 12pm to 8pm
Saturday 9-22-01	Karen Ellis 3pm to 8pm
Sunday 9-23-01	Savern Rollins 12pm to 8pm

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Activities:

EEDAU personnel at the Information Center are basically assisting businesses that have been affected by the World Trade Center tragedy and disaster and are attempting to reopen their businesses. All the above personnel perform this function, and specific activities include:

(1) Assisting businesses with DEP related issues such as getting/advising when their water will be turned on. We also have several handouts for distribution to help in DEP-related areas, such as the memo from Krish on Asbestos clean up, and the DEP "Building Maintenance Issues Involved in Reopening Buildings" memo. We also refer many inquiries to the DEP HELP number.

(2) Referring businesses to other appropriate organizations where applicable, e.g. getting electricity and telephones turned on again. Con Ed, Verizon, the SBA (on-site counselors for disaster loans) and NYCEDC (gaining building access etc.) also have desks at the Info Center. We are also distributing a handout that lists other contact numbers at DOB, FEMA etc.

We also provide businesses with our regular handouts, where appropriate, such as our list of financing sources and the "Smart Business" (DEP regulations) brochure.

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The City of New York
Department of Environmental Protection
9-17 Junction Boulevard
Corona, New York
1368-5107

Joel A. Miele Sr., P.E.
Commissioner

Tel (718) 595-6565
Fax (718) 595-3525
jmiele@nysnet.net

NEW YORK CITY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE TO BUILDING OWNERS LOCATED SOUTH OF 14TH STREET, MANHATTAN

Building Maintenance Issues Involved in Reopening Buildings Closed Since Tuesday

- Air Circulation Systems; Building owners are advised that air circulation systems not operated since Tuesday must have their filters replaced before the system is restarted. Systems should be run on a recirculated air setting and not on fresh air, if possible, until the WTC fire is extinguished.

- Asbestos or other Hazardous Materials situations: Owners/managers should have possible contamination problems, indoors or at roofs, reviewed by competent professionals (i.e., R.A.s, P.E.s, Asbestos Inspectors, etc.) prior to beginning clean-up of buildings with maintenance personnel. Where no problems are noted, proceed with clean-up. Where problems (i.e., HazMat) are noted, contact DEP as indicated below.

- All issues regarding air asbestos and/or hazardous material clean-up should be directed to the Department of Environmental Protection's complaint center at 1-718 DEP-HELP (337-4357). Help center operators will refer your call to Asbestos and Hazardous Materials staff from 8:00 a.m. to 8:00 p.m. every day including weekends until such time as the Mayor's office declares the emergency over. Staff will review each case individually on the telephone and verbally approve clean-up activities--paperwork to follow. Emergency situations which arise outside of these time frames will be handled by help center staff taking down the caller's name and contact phone number and notifying personnel on stand-by who will then contact the caller directly.

- Open Water tanks: Building owners are advised that water tanks not operated since Tuesday must be completely drained from the cellar, flushed, cleaned, refilled and plumbing systems flushed before having the building reoccupied. You should contact the water tank cleaner who normally performs this yearly operation for you to arrange for this cleaning, if possible.

- All other water pressure, sewage, noise and air quality complaints should be directed to 1-718-DEP-HELP.

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DEP
www.nyc.gov/dep
(718) DEP-HELP

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SAMPLE OF INITIAL WTC INSPECTIONS

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09/23/01 Buildings Visited on Down Town

1 West Side Street Beth Triola Building Mgr Air Test done, Flyer given to the manager

17 Battery Place Air Test done Flyer given to John Occannelo maintaince personnel

28 Washington & 19 West Street Joe Garcia Security Guard, Flyer given no work was done

Battery Parking garage-Edison parking. Par environmental Sign at the entrance 45k/14,810ln/ft dumpster in front with signs

21 West ST. - Air Monitoring was done cleaning is on going in the interior 3,9,22,Roof, Gus Flores building super

11 Greenwich st. Locked flyer was inserted

25 Greenwich St. Locked, flyer was inserted Building is used by the post office.

17 Trinity Place, Flyer was inserted , no one was working on the building,it's a deli.

44 Trinity Place, Locked flyer inserted.

46 Trinity Place, Locked flyer inserted .

50 Trinity Place, Locked, flyer Slipped in.

11 Rector Street, Locked flyer inserted.

98&100 Greenwich Street, Locked flyer inserted.

23 Thames, Nasdaq

86 Trinity Place Nasdaq Mr Thomas Long building Engineer air test done flyer given.

113-123 Greenwich Street, Air Test done Mr Thomas Long building Engineer flyer given.Nasdaq.

114 Greenwich Street, Building locked flyer inserted.

75 Greenwich Street, Locked, flyer inserted.

81 Trinity Place, Flyer given.

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67 Greenwich Street, Building locked flyer inserted.

88 Greenwich Street, Air monitoring, Michael Riegler-Owner, flyer given.

76 Washinton Street, Locked,flyer inserted.

78 Washington Street, Flyer goiven

80 Washington Street, Flyer given.

90 Washington Street,Bank of ny. Building closed,flyer inserted.

33 Rector Street, Goldman pls. (212-925-2415) locked, flyer inserted.

40 Rector Street, Friday, air testing done,filters changed, Jack Meyer-fire Safety director.

38 Rector Street, Building locked, flyer slipped.

16 Rector Street, locked flyer slipped.

14 Rector Street, locked flyer slipped in.

2 Rector Street, flyer given.

941/2 Greenwich Street, flyer given.

96 Greenwich Street, locked, flyer inserted.

98 Greenwich Street, locked, flyer inserted.

100 Greenwich Street, locked flyer inserted.

Inspectors:Ramasubbu Rammohan and Sam Nebedum

NYC-WTC_000146139

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The following Buildings on Broadway were inspected by Mr. Plumptre and Okello

September 22, 2001

182	183
180	181
176	179
170	177
160	175
150	173
140*	115 Inspected- Mr. Jan Wolkowicz of Crmco Environmental on site.
120*	111 Inspected-Clean up completed. Mr. Kevin Hoey-Building Manager.
100	71
80	65 Inspected- Clean up in Progress. Mr. Oleg Koledenkor
52	61
42*	55*
32	47
26	45
2*	39
	29
	25*
	5
	1

Note.

1. **The * buildings were cleaned up by in-house workers and air monitoring was requested from the building representatives.**

2. **DEP Flyers were given and left in the entire listed buildings.**

3. **Air Monitoring results were requested from building 115 and 65 for the ongoing cleanup including completed 111 Broadway.**

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4. **Flyers were left underneath the doors of all locked entrances of contaminated stores from 180 Broadway to 140 Broadway except a Burger King store at 182 Broadway which the flyer was given to the store manager.**

5. **Most of the buildings were without building Engineers and Flyers were left with the security.**

6. **Most of the offices from 140 Broadway to One Broadway have been reoccupied for businesses and were running with outside generators.**

7. **Almost all the building on the entire street were still with dusts on the outside windows.**

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09/22/01 **Buildings Visited on Broadway**

196 **Building was locked and information flyer was inserted through the shutter**

198 **Met maintenance worker Al Myrie and gave the information flyer**

200 **Modells Sporting – Locked and flyer was inserted**

202 **Portabella Garments- Information flyer given to a worker**

204 **Locked- Information flyer inserted**

150 **Fulton Street- Mrs Field –restaurent –workers washing counters, information flyer given to the manager.**

195 **Front façade washing was ongoing. Information flyer was given to the Director of facility, who doesn't know the details of any ACM clean-up and said will inform the individual who handles Asbestos projects for the building.**

197 **Church- Information flyer was given to father, who claimed that someone was working on arranging the contractor. Air monitoring was advised.**

222 **Pinnacle Environmental already completed a major clean-up in various floors and air montoring results were requested. Spoke to the Engineer Jim Tinesky. The clean-up was started on 9/13/01.**

217 **As per Property Manager Scott Lavlor, bulk sampling was collected on 10th and 8th floor roofs and 2% ACM detected on the 10th floor. AA Services was performing the clean-up on the 10th floor roof. Air results requested.**

225 **Tony Velez, Assistant Super- Information flyer was given**

233 **Woolworth Building- Vincent Baffa, Building Manager- Air samples collected several occasions after the WTC attack and no positive readings found. Recently samples collected last night and results were un known. Sampled locations –lobby, 9th, 14th floors. Information flyer was given to Mr. Baffa and air sampling was requested.**

250 **John Migee, Building Engineer- Air sampling was conducted couple of days ago and clearance levels were met. Building Owners ,Amtrust (917) 939-2504. Information flyer was given and air results requested.**

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253 **Information flyer was given to the security guard and no one was in the building.**

258 **Jhonny, the engineer, the information flyer was given.**

261 **Building was locked. As per the notice posted on the entrance door, air samplings conducted throught the building. Tudor Realty (212) 557-3600**

270 **As per the security guard, AES performed a clean-up and don't know the exact dates. Information flyer was given to the guard and was advised to handover to the building manager.**

Inspectors: Ramasubbu Rammohan and Dinesh Shah

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9/24/01 Notice To Building Owners Issued On Chambers Street

77 Locked, flyer inserted
79 „ „
83 „ „
85 Flyer was given at the jewelry store
89 flyer given to the building superintendent
91-95 flyer was given
97 locked flyer was inserted
102 „ „
100 „ „
98 „ „
96 „ „
94 „ „
92 „ „
90 „ „
88 „ „
86 „ „
110 „ „
112 „ „
114 „ „
116 „ „
118 „ „
120 „ „
122 „ „
124 „ „
126 „ „
85 West Broadway, locked, flyer inserted
123 Locked, flyer inserted
121 Flyer was given at store front
119 Flyer was given at the bookstore. A/C cleaning scheduled for 9/25/01
115 DC37 Health Clinic, Flyer given to the administrator and the super. A/C filter replacement scheduled on 9/25/01. Roof was already cleaned.
113 Locked and flyer was inserted
111 flyer was given at the storefront
107 Locked and flyer was inserted
105 „ „

Note: Even numbers (south side) of Chambers Street were still barricaded with fencing. All the buildings from East Broadway to West Broadway on Chambers Street were covered.

Inspectors: Ramasubbu Rammohan & Michael Davis

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World Trade Center Emergency Response
Inspections conducted on September 23, 2001 – Carlstien Lutchmedial

310 Greenwich St – Met with Superintendent Vincent Hernandez [redacted]. He said that the building did not get any of the debris from the WTC incident. We were unable to get into any of the apartments with windows. Inspection of the roof revealed that it was free of any suspect material. I was able to look into the terraces of the south side of the building from the roof and did not see any suspect debris. Also the surrounding yard of the building did not have any suspect material.

100 Church Street – At the building I met Frederick B. Maier and John Leonard of LVI Environmental Services Inc and Joseph Cianci of Ambient Group. Cianci said that he was currently sampling each floor and taking ten bulk samples per floor. They said they were there to provide the owner with a bid for the clean up. LVI said there plan was to put the entire building under negative air and do the cleanup. I also spoke to Marc Stein [redacted] the building owner. He said that he was presently accepting bids from various contractors. He estimates that the clean-up project should not take more than three weeks.

217 Broadway – I met Scott Lawler the Property Manager. He said that at this time the contractor AA Services did not get approval to bring their truck into the area so the cleanup did not start. AA is first scheduled to do the roof then the interior of the building.

222 Broadway – Building locked.

90 West Street/140 Cedar Street/21 Albany Street- Met with James Hall of Trade Winds Environmental Restoration Inc. he informed me that they were hired to pump out the water from the basement of the building. This building did not have power at this time. The water was being pumped into the sewer.

40 Rector Street – I met Joe Kelleher the Property Manager. At this time PAL was on site cleaning the roof and changing HVAC filters. He said that they were awaiting the insurance adjusters to evaluate the damage and hopefully Monday September 23, 2001 the clean up can begin.

33 Maiden Lane – the Chief Engineer Walter Sheering was on site. He took me to the 5th floor where I met Kenneth W. Houseman of Quest – 3rd party air monitor. Houseman informed me that they were currently working on the second floor. We proceeded to the second floor where I observed workers HEPA and wet wiping surfaces. The windows on the floor 2, 3, & 5 are sealed windows. Houseman explained that the cleaning they were doing were to err on the safe side because of the positive sample obtained. This sample most likely came from debris that was tracked into the building. I did not see any suspect debris of any of the surfaces.

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World Trade Center Emergency Response
Inspections conducted on September 24, 2001 – Carlstien Lutchmedial

100 Church Street – At the building I met two workers who identified themselves as employees sub contracted by Global Crossing (telephone Company) to run a generator to keep their switching gear in operation. They said that the room they occupied on the first floor was cleaned by their company. Also that the owner made them sign a waiver of all liabilities before they could occupy the space. I was unable to locate any building rep on site.

99 Church Street – on site was Robert Ryan and Tadeusz Lukasik handler supervisor # 80809 of Pinnacle Environmental Corp. they said that they were doing a complete interior cleaning of all 11 floors. They had already completed the exterior of the building. A worker decon was set up on the first floor. Inspection revealed that most of the floors were completed. ATC was on site conducting air monitoring. Ryan was informed to send the final clearance to DEP.

90 Church Street – met Postal Police officer Bellamy in front of the building. He said that there was no one in the building. I went into the lobby an noticed that power had not been restored to this building. Bellamy said that from time to time a crew comes in and removes mails from the building.

222 Broadway – Clean-up already completed at this building.

170 Broadway - Clean-up already completed at this building.

88 Greenwich/19 Rector St. – Clean-up of exterior being done by Pinnacle Environmental. Work is expected to be completed today.

Battery Park -South Tower next to American Express Building clean in progress.

40 Rector Street – Met with Joe Attanasio of Milro Restoration (516) 379-6100. He said they were hired by the owner to clean the entire building. His company was not an asbestos company. No air monitoring was being done. At this time they had just started work on the 8th floor.

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World Trade Center Emergency Response
Inspections conducted on September 25, 2001 – Carlstien Lutchmedial

100 Church Street –Pecunies, Rogak and myself met the Chief Engineer. He said that they were still taking bids for the job. We inspected the 2nd floor and observed that it was in they same condition as last week. He did not know when the clean up would start.

40 Rector Street – Met with Joe Kelleher. He said that the building was without power because Con Ed was in the process of converting from temporary power to permanent power. This would take all day. Inspection of some of the floors revealed that there was no power. I also spoke to Scott Furman the attorney for the building. He said that they have done TEM's on the lobby, 16th, and 18th floors. However, by Friday 28th, 2001 they should have completed TEM throughout the entire building. We also discussed the tracking of debris into the lobby. Furman agreed to place a heavy duty industrial carpet so that tracked debris will be removed from footwear.

4 World Financial Center- met with John Martens of Merrill Lynch Corporate services [redacted]. He said that Pinnacle was hired to do the clean up and Weston to do air monitoring. No one was working at this time.

3 World Financial Center – Met with Joe Fontana the security manager. He said that the got a positive sample on the 23 floor. The other floors were negative. However, they were still doing more test. I later met with Mike Foley the environmental manager [redacted].

2 World Financial Center – met with Wojciech Olsewski # 80793 a handler supervisor. At this time they were cleaning the lobby of the building. This had been requested by DOH because of the large amounts of rotted food that was in the cafeteria. GPS was the 3rd party air monitor on site.

90 West Street – all windows blown out. Building is unoccupied.

85 West Street – Marriott Hotel at this time LVI's, Judy A. Gilbert was on site with the Building Manager. They have planed for now, to start the clean up tomorrow. The entire building is scheduled to be cleaned as ACM contaminated. At this time they building was vacated and had no power.

53 Park Place - only a security guard was at the front desk. He was given information to pass on to management.

75 West Street - Building with major damage. Abandoned at this time.

99 Washington St. This a parking lot with 70 cars at this time. There is heavy debris accumulations on every surface. The manager Juan Acevedo and another employee were washing the cars at this time. They are not asbestos workers. This work is being done as a regular car wash operation.

30 West Broadway building has some structural damage. No one in building at this time.

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World Trade Center Emergency Response
ATSDR Inspections conducted on December 6, 2001 – Carlstien Lutchmedial

120 Greenwich Street – inspection of the front entrance to the lobby where a positive sample had been observed revealed that the area was now clean. No debris was observed on the metal ledges which supported the glass façade. Inspection of the roof revealed that it was also clean. No visible material observed.

250 South End Ave – inspection of the courtyard revealed that there were garden troughs with plants and trees. Among the plants visible debris was observed. In some places large chunks could be seen. The courtyard itself was very clean, except for a chunk of debris at about the middle of the yard. A sample was taken of this material. The location (west side courtyard) of the positive sample taken by ATSDR a few weeks ago was now clean. In addition, a sample was taken from the south west corner trough and the middle north end of the courtyard through. All samples were positive for ACM.

80 Battery Place – inspection revealed that the lobby was very clean. The superintendent of the building said that they had clean/vacuumed the lobby after the ATSDR sampling. The sample that had been observed here was a dust sample taken by micro vacuum.

ATSDR Inspections conducted on December 18, 2001 – Carlstien Lutchmedial

55 Liberty Street – inspection of the front of the building, sidewalk, and curb revealed that there was no suspect material. A sample of a sandy material was taken at the curb and was negative for ACM.

450 North End Ave – inspection revealed that there were numerous areas between the cracks of the tiles on the roof which had suspect material. Two samples were taken. One was positive for ACM. Clean up was done the following day.

250 South End Ave – no clean up has taken place. Owner's representative informed again of the need to clean the courtyard.

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World Trade Center Emergency Response
Inspections conducted on December 15, 2002– Carlstien Lutchmedial

100 Church Street – At the building I met one of the workers who were on a lunch break. She said that at this time they were doing general cleaning. All ACM related work had been completed last week.

90 Trinity Place – the school is locked at this time. A construction crew was in front the building a partition on the sidewalk enclosing the entire school front. Is first scheduled to do the roof then the interior of the building.

100 Trinity Place – ATC was on site conducting various air contaminants sampling. Except for Asbestos fibers. This they said had been done last week and results were good. They said that three samples for lead were high in the cafeteria and room 207. As a result additional cleaning was being done. Air Sampling was being done outside the building for ACM by a DEP contractor.

125 Cedar Street/ - Met with Monte Cesta of Samson Management. He said that they tenants had accepted their sampling results and they additional sampling which was agreed along with DEP sometime ago was not being done. Presently, the apartments were being cleaned as a regular cleaning job.

250 South End Ave – I met the doorman who informed me that no work has been done on the courtyard. I asked him to call Joe Piastra, which he did. However, Piastra wasn't not in and a message was left for him to call DEP. Inspection of the courtyard revealed that it was in the same condition as when the sampling was done. It was observed that the courtyard was being used by construction workers to store old windows.

PS 234 – Chambers & Greenwich St – Met Kwame Fosu of SCA. Kwame said the school was scheduled to be reopened on February 4th, 2002. All sampling for ACM was negative. The school appeared to be very clean. On the 3rd floor, plaster repair had been done to fix cracks on the walls. This had left lots of white dust in classrooms where the work had been done. Also present on site KISS construction. They were on site to clean up the dust. Kwame said the plaster material was negative for ACM.

PS 89 Chambers & Westside Hwy - school is cleaned.

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World Trade Center Emergency Response
Inspections at 105 Duane Street

December 11, 2001 – On arrival the porter, Joe insisted that DEP return during normal working hours. He spoke to the building manager via telephone. After about 10 minutes Joe said I will have to return the next day. He also said that the work on the duct cleaning had stopped.

December 12, 2001, 10 am – on arrival I met Mr Joel Kupferman an attorney with NY Environmental Law & Justice Project and a group of tenants outside the building. They informed me that they were concerned about the air quality in the building and that they wanted the duct cleaning work to be stopped. Inspection of the 10 floor and 2nd floor HVAC room revealed that there was no visible suspect material. Ms Lisa Bergenty a building rep said that over 250 TEM sample taken by ATC labs were negative for ACM. She also said that the tenants have the option of requesting additional testing. Presently, they had stopped the work being performed by TECH CLEAN to address the tenants concerns. That they were also willing to treat the duct cleaning as an asbestos project. This information was relayed to the tenants and Mr Kupferman.

December 12, 2001, 10:15 pm – inspection was based on a request by DEP to MS Bergenty to conduct additional sampling on the 10th & 2nd Floor HVAC room. ATC was on site conducting aggressive TEM air monitoring. Five pumps were running on the 10th & 2nd floor. Results later submitted to DEP were negative for ACM.

December 20, 2001 - The purpose of the visit was to determine whether any more sampling was required of the ventilation system. Present were Howard Bader – a consultant for the tenants association, two tenants were present, a representative of Tech Clean (duct cleaning company), ATC Labs rep, Lisa Bergenty of Relations Management (bldg. Mgt. Co.) a DOH – Peter Stallbohlm, Brendan Farell – Super. Some other helpers were present.

I requested from Mr. Bader to take us wherever he deemed appropriate to start. The 10th floor diffuser was chosen. On opening, we found that there was no visible dust. Bader also, used a portable monitor to check for respirable fibers and found none. It was then suggested by him that this might be the condition of all the other locations. As a result, no more inspection was necessary. I repeated to him that I would be happy to look at more.

One of the tenants, who was present, wanted her apartment vent inspected. This we did and found that there was minor dust accumulation, which appeared to be very old. Bader said that he might take a sample. It was agreed that the owner would treat the clean up of the duct as though it was an ACM project. However, this is on hold because of other concerns by the tenants.

DOH also agreed that there was no concern reference ACM. It was acknowledged that the owners are done more than sufficient sampling. The tenants concern was that some procedures were not being followed. Such as, the plastic covering the duct had fallen off or had holes. The tenants also had in their possession a document from EPA dated December 19, 2001, which indicated DEP methods, were inaccurate.

Mr. Kupperman (tenants attorney) met me outside the building and expressed his concern that DEP protocols were incorrect based on the EPA document.

Before leaving the site I again requested if there was any other concerns regarding ACM and was told "no." Based on my inspection there was no suspect material to be sampled.

The owner is still agreeing to do any more sampling required by the tenants. Also. it was agreed that DEP would be notified when any duct cleaning begins.

December 29, 2001 – Inspection revealed that the duct was being cleaned in the HVAC room. The risers have been closed off at the fan room. Workers were in PPE using HEPA vacuum to do the cleaning. ATC was also present conducting air monitoring. An inspection request of the vent in an apartment on the 14 floor revealed that there was no visible suspect material.

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ATTACHMENT

4

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EXTERIOR INSPECTIONS

Draft Comp. Report

1073 – ins
221 – cleaned by DEP
102 – cleaned by owners

323 – rd. oo having debris

NYC-WTC_00014615

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
16	10	18 1 PLACE	Museum of Jewish Heritage	Building Owner/Management	18 First Place	New York	NY	10280	05/18/02	N/A
54	1	5 ALBANY STREET	130 Liberty Street, 120-130 Liberty Street, 133-151 Washington Street, 1-13 Albany Street, 1 Bankers Trust Plaza	Bankers Trust Co c/o Edward Conr	130 Liberty Street	New York	NY	10006-1105	01/25/02	N/A
16	7504	300 ALBANY STREET	Hudson View West	Lorraine Lee	300 Albany Street	New York	NY	10280-1404	10/06/02	R/O
16	7502	320 ALBANY STREET	350 Albany St	RY Management Co., Inc.	320 Albany Street	New York	NY	10280	07/13/02	N/A
90	24	15 ANN STREET		15 Ann Street Corp	1624 Webster Avenue	Bronx	NY	10457-8016	10/04/02	Completed
90	23	17 ANN STREET		17 Ann Street Corp	17 Ann Street	New York	NY	10038-2405	10/04/02	Completed
90	22	19 ANN STREET	Theater Alley (no number)	Building Owner/ Management	19 Ann Street	New York	NY	10038	9/27/2002	Cleaned
90	21	21 ANN STREET	2 Theater Alley	21 Ann Street Corp.	217 West 80th Street	New York	NY	10024-7002	07/02/02	Completed
92	23	35 ANN STREET	104-108 Nassau Street	Abacus Federal Savings Bank	6-8 Bowery	New York	NY	10013-5101	06/23/02	Completed
92	17	47 ANN STREET		47 Ann Street Associates LLC, Anr	17 John Street	New York	NY	10038-4010	07/02/02	Completed
92	14	49 ANN STREET		49-51 Realty Company LLC	49 Ann Street	New York	NY	10038	08/25/02	Completed
92	13	55 ANN STREET		55 Ann St Co c/o Schussel	270 Lafayette Street	New York	NY	10012-3327	06/12/02	Completed
92	10	57 ANN STREET		57 Ann St Realty Assoc. Inc. c/o La	292 Fifth Avenue, 4th Floo	New York	NY	10001	11/03/02	Completed
88	14	12 BARCLAY STREET		Barclay Street Realty	1200 Union Tpke	New Hyde Park	NY	11040	06/22/02	Completed
88	13	14 BARCLAY STREET		Barclay Street Realty	1200 Union Tpke	New Hyde Park	NY	11040	08/27/02	Completed
88	12	16 BARCLAY STREET	Saint Peter	Building Commission Archdiocese	18 Vesey Street	New York	NY	10007	08/19/02	Completed
88	11	22 BARCLAY STREET	79-85 Church Street	Church of Saint Peter, Rev. Kevin V	18 Vesey Street	New York	NY	10007	08/19/02	Completed
123	3	21 BARCLAY STREET	WOOLWORTH BLDG.	233 Broadway Owners LLC	220 East 42 Street	New York	NY	10017-5806	07/12/02	N/A
128	2	101 BARCLAY STREET	224-240 Greenwich St, 86 Murray St.,148 West St.	Bank of New York Lease Servicing	100 Church Street	New York	NY	10007-2611	07/12/02	N/A
128	26	125 BARCLAY STREET	149-153 West Street, 150 West St, 150-158 West St	V. Guadaloupe & H. Greene as No	125 Barclay Street	New York	NY	10007-2156	07/12/02	N/A
		BATTERY PARK BUILDING		Building Owner/Management	Battery Park Building	New York	NY		04/27/02	N/A
		9 BATTERY PLACE	Tower Building	TBTA	9 Battery Place: Tower Bui	New York	NY		10/28/02	Cleaned
15	7501	17 BATTERY PLACE	1 West Street, 2-26 Washington Street, 1 Western Union Plaza	Newmark & Co. Real Estate	594 Broadway, Room 311	New York	NY	10012	11/16/02	Comp
16	15	50 BATTERY PLACE	South Cove Plaza	RY Management Co., Inc. c/o John	1619 Third Avenue	New York	NY	10128	01/28/02	N/A
16	20	70 BATTERY PLACE		Richard Sachman	70 Battery Place	New York	NY	10280	01/28/02	N/A
16	7510	99 BATTERY PLACE	Liberty View	Milford Management Corp.	99 Battery Place	New York	NY	10280	01/28/02	N/A
11	7	16 BEAVER STREET		16 Beaver St Realty Holding Co.	P.O. Box 20501DHCC	New York	NY	10017	02/21/02	N/A
11	9	18 BEAVER STREET		Yick Ming Yip Realty Inc.	18 Beaver Street	New York	NY	10004-2327	02/21/02	N/A
11	10	20 BEAVER STREET		Century Realty Inc.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	04/12/02	N/A
11	11	22 BEAVER STREET		Vervelis Inc.	22 Beaver Street	New York	NY	10004	06/20/02	Cleaned
11	12	24 BEAVER STREET		24 Beaver St Associates c/o Alan S	24 Beaver Street	New York	NY	10004	04/12/02	N/A
11	14	26 BEAVER STREET		Beaver Tower Inc. c/o Plymouth Ma	26 Beaver Street	New York	NY	10004	04/12/02	N/A
29	73	42 BEAVER STREET	44 Beaver St, 8 South William St	NYC Department of Sanitation c/o J	44 Beaver Street, 12th floo	New York	NY	10004	09/03/02	Cleaned
29	7501	48 BEAVER STREET	56 Beaver St, 2-6 South William St	Building Owner c/o Time Equities	55 5th Avenue	New York	NY	10003	06/18/02	Completed
29	7501	52 BEAVER STREET	56 Beaver St, 2-6 South William St.	Building Owner c/o Time Equities	55 5th Avenue	New York	NY	10003	06/18/02	Completed
27	27	65 BEAVER STREET	20 Exchange Pl, 16-26 William St, 14-28 Exchange Pl, 6 Hanover	20 Place Associates LLC c/o The V	220 East 42 Street	New York	NY	10017-5806	11/13/02	Cleaned
28	12	76 BEAVER STREET	7 Hanover Plaza, 7-9 Hanover St., 123-125 Pearl St	11 Hanover Square Corp.	855 Lexington Avenue	New York	NY	10021-6640	03/04/02	N/A
28	15	80 BEAVER STREET	127 Pearl Street	Frank Moran	80 Beaver Street	New York	NY	10005-2803	08/08/02	Cleaned
28	17	82 BEAVER STREET	129-135 Pearl Street	Cocoa Partners LPC	111 Pond Street	Cohasset	MA	02025-1919	03/04/02	Cleaned
90	14	5 BEEKMAN STREET	119-133 Nassau St, 10 Theater Alley, 3 Beekman St	3/9 Beekman Street LLC c/o Shire	1220 Broadway	New York	NY	10001-4312	07/22/02	Completed
92	32	19 BEEKMAN STREET		19 Beekman Street Associates c/o	75 Raritan Avenue, Suite 2	Highland Park	NJ	08904	06/17/02	N/A
92	34	25 BEEKMAN STREET		Rapid Park Industries	204 West 101 Street	New York	NY	10025-5053	06/14/02	Completed
93	28	45 BEEKMAN STREET		169 Beckman Associates LP c/o Ka	110 East 59th Street	New York	NY	10022-1308	06/15/02	N/A
93	29	47 BEEKMAN STREET	Wall Street Synagogue	Wall Street Synagogue	47 Beekman Street	New York	NY	10038-1510	06/14/02	N/A
93	30	49 BEEKMAN STREET	FDNY	NYC Fire Department	9 Metrotech Center	Brooklyn	NY	11201-5431	06/12/02	N/A
100	1	52 BEEKMAN STREET	69 Gold St., NYU Downtown Hospital, 170 William St.	NYU Downtown Hospital	170 William Street	New York	NY	10038-2649	10/25/02	Completed

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
95	7501	117 BEEKMAN STREET	220-222 Water Street, Seaport Park Condo.	AKAM Associates, Inc.	117 Beekman Street	New York	NY	10038	02/15/02	N/A
97	45	134 BEEKMAN STREET		134 Beekman Properties	140 East 80th Street	New York	NY	10021-0306	04/20/02	N/A
97	44	136 BEEKMAN STREET		Julie L. Yang	136 Beekman Street	New York	NY	10038-2005	04/20/02	N/A
97	44	138 BEEKMAN STREET		Julie L. Yang	136 Beekman Street	New York	NY	10038-2005	04/20/02	N/A
97	15	146 BEEKMAN STREET		William Messinger Trust	146 Beekman Street	New York	NY	10038-2003	04/20/02	N/A
97	13	152 BEEKMAN STREET	150 Beekman Street	John Larocca	150 Beekman Street	New York	NY	10038-2015	04/20/02	N/A
97	12	154 BEEKMAN STREET	104 South Street	M. Slavin Sons Ltd.	106 South Street	New York	NY	10038-2014	04/26/02	N/A
10	19	25 BRIDGE STREET		Building Owner/ Management	25 Bridge Street	New York	NY		04/13/02	N/A
26	1	15 BROAD STREET	23-33 Wall Street, 11-19 Broad Street, 23 Wall St	Morgan Guaranty Trust Co. Attn Fa	23 Wall Street	New York	NY	10005-1962	08/30/02	Cleaned
23	19	18 BROAD STREET	8-18 Broad Street, NY Stock Exchange	NY Stock Exchange Building Co.	11 Wall Street	New York	NY	10005-1905	02/17/02	N/A
23	19	2 BROAD STREET	11 Wall Street, NY Stock Exchange, 9-21 Wall St., 2-16 Broad St., 6 New St.	NY Stock Exchange Building Co.	11 Wall Street	New York	NY	10005-1905	05/22/02	Cleaned
26	1	15 BROAD STREET	43 Exchange Place	Morgan Guaranty Trust Co. Attn Fa	23 Wall Street	New York	NY	10005-1962	08/30/02	Cleaned
26	1	15 BROAD STREET	55 Exchange Place	Morgan Guaranty Trust Co. Attn Fa	23 Wall Street	New York	NY	10005-1962	08/30/02	Cleaned
23	50	20 BROAD STREET	65-67 Exchange Place, 18-28 New Street	20 Broad Street Co. LLC	20 Broad Street	New York	NY	10005	11/14/02	Started(On hold
25	19	25 BROAD STREET	44-60 Exchange Place, The Exchange	Broad Street LLC c/o Argo Group	50 West 17th Street	New York	NY	10011-5702	07/10/02	Cleaned
24	29	30 BROAD STREET	64-66 Exchange Place, 30 New Street	Murray Hill Properties	1140 Avenue of the Ameri	New York	NY	10036	02/21/02	N/A
25	10	41 BROAD STREET	35-41 Broad Street	Walwihal Associates	820 Morris Tpke #301Shor	Short Hills	NJ	07078-2445	11/12/02	Completed
24	32	40 BROAD STREET	34-40 New Street	40 Broad Deleware Inc.	255 Shoreline Drive	Redwood City	CA	94065-1433	02/21/02	N/A
25	7	45 BROAD STREET	43-47 Broad Street	43 Broad Inc., Attn. Mr. Sellitti	1333 Broadway	New York	NY	10018	11/17/02	Completed
24	36	50 BROAD STREET	46-50 New St	50 Broad Street Inc./50 New Street	50 Broad Street	New York	NY	10004	10/11/02	Completed
25	1	55 BROAD STREET	33 Beaver St	55 Broad Street Company c/o Rudi	345 Park Avenue	New York	NY	10154-0004	02/17/02	N/A
24	1	60 BROAD STREET	25 Beaver Street, 52-56 New St., 15-27 Beaver St.	60 Broad Street LLC c/o CRG Man	1330 Avenue of Americas,	New York	NY	10019	07/28/02	Completed
29	70	75 BROAD STREET	28-36 William St., 32-36 Beaver St.	75 Broad LLC c/o JEMB Realty	150 Broadway	New York	NY	10038-4381	04/12/02	Cleaned
11	15	70 BROAD STREET	30 Beaver St., 1 Marketfield St.	Eagle Beaver LLC	103 Greene Street	New York	NY	10012-3803	03/04/02	N/A
11	17	74 BROAD STREET	2-8 Marketfield Street	Oscar Gruss & Son	74 Broad Street	New York	NY	10004-2210	04/27/02	N/A
11	21	80 BROAD STREET		Praedium II Broadston	11 Madison Avenue	New York	NY	10010-3643	04/12/02	N/A
29	59	85 BROAD STREET	25-43 South William Street	Jones Lang Lasalle	85 Broad Street -SC Level	New York	NY	10004-2434	05/18/02	Cleaned
11	26	88 BROAD STREET	17 Stone Street, 17-19 Stone Street	Giulano Park 88 Broad St., Inc.	88 Broad Street	New York	NY	10004-2203	04/19/02	N/A
10	16	90 BROAD STREET	14-20 Stone Street, 31 Bridge St	90 Broad LLC c/o Colliers ABR	90 Broad St.	New York	NY	10004-2205	04/12/02	N/A
7	35	99 BROAD STREET	54 Pearl Street	Sons of the Revolution	54 Pearl Street	New York	NY	10004-2429	04/27/02	N/A
10	1	100 BROAD STREET	37-49 Pearl Street, 26-34 Bridge St.	The Clearing House Service Co. c/	100 Broad Street	New York	NY	10004-2115	04/12/02	N/A
7	33	101 BROAD STREET		Sons of the Revolution	54 Pearl Street	New York	NY	10004-2429	04/13/02	N/A
8	44	104 BROAD STREET	38-50 Pearl Street, 14-18 Water Street	New York Telephone Co. Property	1095 Avenue of the Ameri	New York	NY	10036-6797	04/12/02	N/A
7	31	105 BROAD STREET	22 Water Street	Sylvan Lawrence Co. Inc.	1350 Avenue of the Ameri	New York	NY	10019-4702	08/31/02	Cleaned
5	10	115 BROAD STREET	4 New York Plaza, 23-41 Water Street	Chemical Bank Occupancy Accoun	P.O. Box 3147	New York	NY	10163-3147	04/12/02	N/A
13	1	1 BROADWAY	1-3 Greenwich Street, 1 Battery Place	Insignia/ESG, Inc	One Broadway	New York	NY	10004	08/30/02	Cleaned
11	1	2 BROADWAY	76-78 Broad St., 10 Marketfield St, 1-9 Stone St.	2 Broadway Gound Lease Trust, U	114 West 47 Street	New York	NY	10036-1510	04/12/02	Cleaned
13	5	11 BROADWAY	5-11 Greenwich Street, 5 Broadway, 9 Broadway	Bowling Green Assoc ETAL	160 Broadway	New York	NY	10038-4201	01/24/02	N/A
22	13	26 BROADWAY	73-81 New St., 1-11 Beaver St	Constitution Realty Associates	26 Broadway	New York	NY	10004-1703	08/02/02	Cleaned
13	27	25 BROADWAY	13-39 Greenwich Street, 1-9 Morris Street	25 Broadway Realty LLC	1 State Street Plaza	New York	NY	10004-1505	01/24/02	N/A
20	1	29 BROADWAY	1-9 Trinity Place/2-6 Morris Street	Trinity Morris Corp./ Jeffries Morris	29 Broadway	New York	NY	10006-3258	07/30/02	Cleaned
22	17	32 BROADWAY	69 New Street	Cammeby's Management Co. LLC	45 Broadway	New York	NY	10006-3777	02/21/02	N/A
20	4	39 BROADWAY	11-15 Trinity Place	39 CAM LLC	45 Broadway	New York	NY	10006-3777	01/24/02	N/A
22	20	42 BROADWAY	49-67 New Street	32-42 33rd Street LLC	45 Broadway	New York	NY	10006-3777	02/21/02	N/A
20	9	45 BROADWAY	17-21 Trinity Place, 45 Broadway Atrium	45 And Broadway Assoc.	45 Broadway	New York	NY	10006-3777	01/24/02	N/A
22	24	50 BROADWAY	47 New Street	50 Broadway Realty Corp. c/o Colli	50 Broadway	New York	NY	10004	09/07/02	Completed

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
20	12	47 BROADWAY	23 Trinity Place	47 Realopp Corp c/o Gary Trimarcl	560 5th Avenue, 4th Floor	New York	NY	10036	06/29/02	Completed
20	13	49 BROADWAY	25 Trinity Place	Stahl Midtown Property c/o Stahl R	277 Park Avenue	New York	NY	10172-0003	06/30/02	Completed
20	16	55 BROADWAY	4 Exchange Place, 1 Exchange Plaza, 27-31 Trinity Place	Bank of Communications	55 Broadway	New York	NY	10006-3008	01/24/02	N/A
22	28	52 BROADWAY	80 Exchange Place, 33-39 New Street	52 Habitat c/o Kanwal Virdi	110 East 59 Street	New York	NY	10022-1308	02/21/02	N/A
21	1	61 BROADWAY	33-41 Trinity Place	Crown Broadway LLC	400 Garden City Plaza	Garden City	NY	11530-3322	01/24/02	N/A
23	7	80 BROADWAY	73 Exchange Pl., 1-29 New St,1-7 Wall St.	The Bank of New York Lease Servi	80 Broadway	New York	NY	10286	02/21/02	N/A
21	4	65 BROADWAY	65 Broadway/American Stock Exchange	American Stock Exchange Inc.	86 Trinity Place	New York	NY	10006	01/24/02	N/A
21	6	71 BROADWAY	1-3 Rector Street/51-53 Trinity Place	Highland Development c/o Insignia	150 Easy 58th St	New York	NY	10155-0002	01/24/02	N/A
49	1	89 BROADWAY	Trinity Church, 57-85 Trinity Place	Trinity Church Corp.	74 Trinity Place	New York	NY	10006-2003	01/28/02	N/A
46	3	100 BROADWAY	1-5 Pine Street	100 Property LLC c/o Craven Mana	100 Broadway	New York	NY	10005	02/15/02	N/A
47	7501	120 BROADWAY	70-84 Cedar Street, 15-25 Nassau St. 2-16 Pine Street	Builing Owner c/o Silverstein Prope	120 Broadway	New York	NY	10005	02/15/02	N/A
49	2	111 BROADWAY	2-10 Thames St/91-95 Trinity Place	Capital Prop Corp.	527 Madison Avenue	New York	NY	10022-4304	01/24/02	N/A
50	1	115 BROADWAY	United States Realty Building	Capital Prop Corp.	527 Madison Avenue	New York	NY	10022-4304	01/24/02	N/A
48	1	140 BROADWAY	70 Liberty Street	MSDW 140 Broadway Property, LL	140 Broadway	New York	NY	10005-1101	02/15/02	N/A
64	12	150 BROADWAY	69-75 Liberty Street	150 Broadway NY Assoc. LP c/o Je	150 Broadway, Room 800	New York	NY	10038-4381	02/15/02	N/A
64	15	160 BROADWAY	160-164 Broadway	Daror Associates, LLC c/o Braun M	160 Broadway	New York	NY	10038-4201	03/02/02	N/A
64	15	160 BROADWAY	6 Maiden Lane	Daror Associates, LLC c/o Braun M	160 Broadway	New York	NY	10038-4201	03/02/02	N/A
64	15	160 BROADWAY	4-6 Liberty Place	Daror Associates, LLC c/o Braun M	160 Broadway	New York	NY	10038-4201	09/16/02	Cleaned
64	15	160 BROADWAY		Daror Associates, LLC c/o Braun M	160 Broadway	New York	NY	10038-4201	03/02/02	N/A
64	16	170 BROADWAY	2-4 Maiden Lane	AMG Realty Partners	170 Broadway, Suite 412	New York	NY	10038-4430	06/17/02	Cleaned
63	21	173 BROADWAY	2-8 Cortlandt Street	Broadway and Cortlandt Realty c/o	113 Cedar Street	New York	NY	10006-1061	06/23/02	Completed
65	16	174 BROADWAY	1 Maiden Lane	Building Owner c/o 1 Maiden Lane	174 Broadway	New York	NY	10038	11/02/02	Completed
63	20	175 BROADWAY		Century Realty Inc.	140 Fulton Street	New York	NY	10038-2500	08/26/02	Completed
65	17	176 BROADWAY	3-7 Maiden Lane	176 Broadway Owners Corp. c/o Jo	360 Lexington Avenue	New York	NY	10017	08/04/02	Completed
63	19	177 BROADWAY		Century Realty Inc.	140 Fulton Street	New York	NY	10038-2500	08/15/02	Completed
63	18	179 BROADWAY		Cedar Management Corp.	20 Vesey Street	New York	NY	10007-2913	08/12/02	Completed
65	18	180 BROADWAY		Weber O'Connor Home Manageme	232 West 24th Street, Apt.	New York	NY	10011-1719	08/02/02	Completed
63	17	181 BROADWAY		181 Broadway Associates c/o Ceda	20 Vesey Street	New York	NY	10007-2913	08/14/02	Completed
65	19	182 BROADWAY		Gotham Estates c/o Richard V. Ma	2 John Street	New York	NY	10038	08/04/02	Completed
63	16	183 BROADWAY		Ezra A. Safdie	183 Broadway	New York	NY	10007-3108	06/10/02	Completed
63	15	187 BROADWAY		Sakele Brothers, attn. Nick Sylak	7 Dey Street	New York	NY	10007	09/21/02	Completed
63	13	189 BROADWAY	1-3 Dey Street	David Baldwin c/o Baldwin Realty	113 Cedar Street	New York	NY	10006-1061	08/28/02	R/F
		190 BROADWAY		195 Property Associates, Kalikow E	195 Broadway	New York	NY	10007-3100	01/26/02	N/A
79	15	192 BROADWAY	1 - 13 John Street, 11 John Street	Collegiate Church Corp.	45 John Street, room 1000	New York	NY	10038-3706	08/11/02	Completed
79	16	196 BROADWAY		TLS NYC Real Estate LLC c/o Gar	560 5th Avenue, 4th Floor	New York	NY	10038	08/18/02	Completed
80	1	195 BROADWAY	2-18 Dey St/160-170 Fulton St	195 Property Associates	195 Broadway	New York	NY	10007-3100	01/26/02	N/A
79	18	198 BROADWAY		Collegiate Church Corp.	45 John Street, Room 100	New York	NY	10038	08/09/02	Completed
79	19	202 BROADWAY		Marlyn S Back c/o Winoker Realty	1410 Broadway	New York	NY	10018	08/18/02	Completed
79	21	204 BROADWAY	208 Broadway, 146-150 Fulton St	Collegiate Church Corp.	45 John Street	New York	NY	10038-3706	08/08/02	Completed
87	1	209 BROADWAY	Saint Paul, 55 Church St, 1-29 Vesey St	Michael Borrero, Property Manager	74 Trinity Place	New York	NY	10006	07/21/02	Completed
89	12	222 BROADWAY	147-165 Fulton Street, 2-22 Ann Street	222 Broadway, LLC c/o Colliers AB	2 World Financial Center	New York	NY	10281	08/06/02	Cleaned
88	1	217 BROADWAY	The Astor Building, 2-10 Vesey Street	Columbus Properties Inc.	217 Broadway	New York	NY	10007-2909	01/28/02	N/A
88	18	225 BROADWAY	Transporation Building	225 Broadway Associates	225 Broadway	New York	NY	10007	05/28/02	N/A
123	22	233 BROADWAY	Woolworth Building, 2-20 Park Place, 1-19 Barclay Street	233 Broadway Owners LLC	220 East 42 Street	New York	NY	10017-5806	08/28/02	R/F
124	24	250 BROADWAY	245 Broadway, 2-4 Murray St. 1-7 Park Pl, 239-247 Broadway	250 Broadway Associates Corp. At	250 Broadway	New York	NY	10007-2516	09/30/02	Completed
134	7501	253 BROADWAY	Life Insurance Building	253 Broadway Associates	150 Broadway	New York	NY	10038	01/28/02	N/A

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134	7501	253 BROADWAY	7 Murray St	253 Broadway Associates	150 Broadway	New York	NY	10038	01/28/02	N/A
134	25	258 BROADWAY	1-5 Warren Street	City Hall Tower Corp.	258 Broadway	New York	NY	10007	01/27/02	N/A
135	7501	261 BROADWAY	2-6 Warren Street	City Hall Tenants Corp, Tudor Real	25 Tudor City Pl	New York	NY	10017-6819	01/28/02	N/A
135	31	265 BROADWAY	267 Broadway	267 Property Corp.	267 Broadway	New York	NY	10007-2346	06/08/02	Completed
135	7504	270 BROADWAY	86 Chambers St, 80 Chambers St,269-271 Broadway	270 Broadway Associates	316-318 Fulton Avenue	Hemstead	NY	11550	01/28/02	N/A
149	33	277 BROADWAY	277 Broadway, 71-73 Chambers Street	Warren Company	277 Broadway, Suite 601	New York	NY	10007	01/24/02	N/A
153	1	274 BROADWAY	280 Broadway							
153	1	274 BROADWAY	51 Chambers St							
149	31	279 BROADWAY	57 Reade St	281 Broadway Associates	325 Broadway	New York	NY	10007-1112	04/10/02	N/A
149	30	285 BROADWAY								
149	29	287 BROADWAY	55 Reade St							
154	1	290 BROADWAY	304 Broadway						06/11/02	N/A
150	38	291 BROADWAY	54 Reade St., 56 Reade St.	291 Broadway Realty Associates	1407 Broadway	New York	NY	10018-5100	04/10/02	N/A
150	31	299 BROADWAY	98 Duane St	299 Broadway LLC c/o Olmstead P	575 8th Avenue	New York	NY	10018-3011	05/30/02	N/A
151	32	305 BROADWAY	91-99 Duane Street	Reade Broadway Associates	305 Broadway	New York	NY	10007-1109	05/11/02	N/A
156	50	306 BROADWAY								
151	31	311 BROADWAY		311 Broadway LLC	1000 Pennsylvania Avenue	Brooklyn	NY	11207-8417	05/11/02	N/A
151	29	315 BROADWAY		315 Broadway Associates	375 Park Avenue	New York	NY	10152-1504	05/11/02	N/A
151	28	317 BROADWAY	2-6 Thomas Street	Franchise Realty International	McDonalds Plaza	Oak Brook	Il	60521	05/11/02	N/A
152	31	319 BROADWAY	1-5 Thomas Street	Doros Restaurant Inc.	319 Broadway	New York	NY	10007-1187	05/11/02	N/A
152	7501	321 BROADWAY		321 Realty Co. c/o Dorishener	167 East 61 Street	New York	NY	10021-8174	05/11/02	N/A
152	25	325 BROADWAY	90 Worth Street	325 Broadway Associates	277 Broadway	New York	NY	10007-2029	05/11/02	N/A
173	33	335 BROADWAY	87-89 Worth Street, 93 Worth Street	Snowplow LLC c/o Homestead Pro	575 8th Avenue	New York	NY	10017	05/11/02	N/A
279	55	22 CATHERINE STREET		WJHC Properties Inc.	6 Bowery	New York	NY	10013-5101	05/01/02	N/A
279	55	22 CATHERINE STREET	22 1/2 Catherine Street	WJHC Properties Inc.	6 Bowery	New York	NY	10013-5101	05/01/02	N/A
279	53	24 CATHERINE STREET	9 Henry Street, 5-11 Henry Street	Eastern Sunshine Inc.	221 Canal Street	New York	NY	10013-4149	05/01/02	N/A
56	1	130 CEDAR STREET	15-19 Albany St, 134-146 Washington St.	A J Goldstein Co. Inc.	130 Cedar Street	New York	NY	10006-1016	03/02/02	No Access
56	20	155 CEDAR STREET	Saint Nicholas Greek Orthodox Church	Hellenic Orthodox Church of St. Ni	155 Cedar Street _DESTR	New York	NY	10006-1013	03/02/02	Collapsed
122	1	52 CHAMBERS STREET	CITY HALL							
149	1	75 CHAMBERS STREET		The Madison Company	277 Broadway	New York	NY	10007-2029	01/24/02	N/A
149	2	77 CHAMBERS STREET		Jeflie Co	277 Broadway, 4th Fl	New York	NY	10007-2029	01/24/02	N/A
149	3	79 CHAMBERS STREET	59-63 Reade St, 59 Reade St, 61 Reade St., 63 Reade St.	The 79 Company LLC	277 Broadway	New York	NY	10007-2029	04/10/02	N/A
149	5	83 CHAMBERS STREET	65 Reade St	83 Associates LLC	430 West Broadway	New York	NY	10012-3784	05/01/02	N/A
149	6	85 CHAMBERS STREET	67 Reade St	Forest Equities Inc.	21 West 19th Street	New York	NY	10011-4261	05/01/02	N/A
149	7	87 CHAMBERS STREET	69- 71 Reade St	Apollo 87, LLC	430 West Broadway	New York	NY	10012-3784	04/10/02	N/A
149	7	89 CHAMBERS STREET	69- 71 Reade St	Apollo 87, LLC	430 West Broadway	New York	NY	10012-3784	01/24/02	N/A
135	20	92 CHAMBERS STREET		Hamburger Green & Haber c/o Reg	P.O. Box 100492	Brooklyn	NY	11210	06/08/02	Completed
135	19	94 CHAMBERS STREET		120 Park Row Realty Corp. c/o Pit	77-11 164th Street	Flushing	NY	11366	08/30/02	Cleaned
149	11	95 CHAMBERS STREET	77 Reade St	Rae Me Realty Inc.	95 Chambers Street	New York	NY	10007-1821	10/24/02	Cleaned
135	18	96 CHAMBERS STREET		Herbert Moskowitz c/o Manhattan R	70 Lafayette Street	New York	NY	10013-4000	06/15/02	Completed
149	12	97 CHAMBERS STREET	79 Reade St., 79-81 Reade St	DEE & DEE of Chambers Street	39 West 14th Street	New York	NY	10011-7489	08/02/02	Completed
135	17	98 CHAMBERS STREET		Herbert Moskowitz	70 Lafayette Street	New York	NY	10013-4000	06/15/02	Completed
149	14	99 CHAMBERS STREET	83 Reade St/159-173 Church Street	Jarima Assoc.	21 West 19th Street	New York	NY	10011-4208	01/24/02	N/A
135	16	100 CHAMBERS STREET		Silkaly M. Wolchok LP	325 Broadway, Suite 401	New York	NY	10007-3652	03/23/02	Cleaned
135	14	102 CHAMBERS STREET	149 Church St, 149-151 Church St, 32 Warren St, 30-32 Warren Street	149 Church Street Associates c/o I	113 Cedar Street	New York	NY	10006-1061	09/03/02	Cleaned
145	7501	105 CHAMBERS STREET	91 Reade St, 160-170 Church Street	105 Acquisition LLC	35 Crosby Street	New York	NY	10013-2635	01/24/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
136	27	110 CHAMBERS STREET		Estate of William Stone c/o Virginia	646 Beers Street	Hazlet	NJ	07730	06/29/02	Completed
145	5	111 CHAMBERS STREET		Coldover Realty Co.	111 Chambers Street	New York	NY	10007-1098	01/26/02	N/A
136	25	114 CHAMBERS STREET	112 Chambers St	Si Jie Mie Inc. c/o Mott & Prince Ma	6-8 Bowery, 6th Floor	New York	NY	10013	07/05/02	Completed
145	7502	113 CHAMBERS STREET	95 Reade St	Grace Farm Realty Corp.	95 Reade Street	New York	NY	10013-3846	03/23/02	Cleaned
145	7	115 CHAMBERS STREET	117 Chambers St	District Counsel 37B	140 Park Place	New York	NY	10007-2149	01/24/02	N/A
136	24	116 CHAMBERS STREET		Saint George's Church Attn. Peter I	135-32 38th Avenue	Flushing	NY	11354-4417	09/22/02	Completed
136	23	118 CHAMBERS STREET		Li Ping Xie/Hung Fung Chiu	118 Chambers Street	New York	NY	10007-3500	09/28/02	Completed
145	9	119 CHAMBERS STREET		Martin Sadofsky	119 Chambers Street	New York	NY	10007-1094	06/29/02	Completed
145	10	121 CHAMBERS STREET	103 Reade St	Akerman Realty Co.	111 Chambers Street	New York	NY	10007	08/10/02	Completed
136	10	122 CHAMBERS STREET	52 Warren Street	52 Warren Street Owners Inc., Ste	122 Chambers Street	New York	NY	10007-1031	01/25/02	N/A
145	11	123 CHAMBERS STREET		123 Chambers Street	555 West Street	New York	NY	10014-1407	01/24/02	N/A
136	20	124 CHAMBERS STREET		Lahaina Management Co.	93 Tulipwood Drive	Commack	NY	11725-5625	01/26/02	N/A
145	12	125 CHAMBERS STREET	Cosmopolitan Hotel, 95-99 West Broadway	Do-Bar Hotel Corp.	125 Chambers Street	New York	NY	10007-1001	01/26/02	N/A
136	19	126 CHAMBERS STREET		R. Schwimmer	5 Peter Cooper Road	New York	NY	10010-6622	01/26/02	N/A
136	16	128 CHAMBERS STREET	85-93 West Broadway	Dadourian Export Corp. Attn: Paul I	128 Chambers Street	New York	NY	10007-3514	08/28/02	Completed
140	1	139 CHAMBERS STREET	141 Chambers St, 1 Hudson St	West Chamson Corp. c/o Andrews	666 Broadway	New York	NY	10012	09/16/02	Cleaned
140	3	143 CHAMBERS STREET		Playtyger and Crowl Associates	157 Hudson Street	New York	NY	10013-2137	08/01/02	Completed
137	34	144 CHAMBERS STREET		Herbert Moskowitz	70 Lafayette Street	New York	NY	10013-4000	07/14/02	Completed
140	4	145 CHAMBERS STREET		145 Chambers Street Corp. c/o S C	20 Darcey Avenue	Staten Island	NY	10314-4270	07/14/02	Completed
137	33	146 CHAMBERS STREET		Richard Governale	5048 Hartford Ext.	Dayville	CT	06241	08/17/02	Completed
140	5	147 CHAMBERS STREET	121-133 Reade St., 3-5 Hudson Street	Almark Holding Co.	950 3rd Avenue, 27th Floo	New York	NY	10022-2705	01/26/02	N/A
137	32	148 CHAMBERS STREET		Washington Market Develop. Corp.	148 Chambers Street	New York	NY	10007-1064	07/14/02	Completed
137	7501	150 CHAMBERS STREET	150-152 Chambers Street	150-152 Condominium Association	122 Montague Street	Brooklyn	NY	11201-3442	08/03/02	Completed
140	8	153 CHAMBERS STREET		Eastlite Corp. c/o Arnold S. Warwic	129 Charles Street	New York	NY	10014	04/13/02	Cleaned
137	29	154 CHAMBERS STREET		Chambers House Partners, LLC c/	154 Chambers Street	New York	NY	10007-3506	07/14/02	Completed
140	9	155 CHAMBERS STREET		Herbert Moskowitz	70 Lafayette Street	New York	NY	10013-4000	06/16/02	Completed
137	28	156 CHAMBERS STREET		Herbert Moskowitz	70 Lafayette Street	New York	NY	10013-4000	06/16/02	Completed
140	10	157 CHAMBERS STREET	159 Chambers St	Hudson Chambers Co	42-12 28th Street	LIC	NY	11101-4179	01/24/02	N/A
137	27	158 CHAMBERS STREET		Chambers Greenwich Tenants Cor	158 Chambers Street	New York	NY	10007-1033	09/03/02	Cleaned
137	25	160 CHAMBERS STREET	Former Engine Co. 29 Firehouse	160 Chambers Street Owners Inc.	160 Chambers Street	New York	NY	10007-1071	02/23/02	Cleaned
137	26	162 CHAMBERS STREET		James A RosenQuist	P.O.Box 4	Aripeka	FL	34679-0004	05/15/02	Cleaned
140	7501	165 CHAMBERS STREET	149 Reade St.,147 Reade St, 165 Chambers, 303 Greenwich St. 14	Building Owner c/o Harold Wegwel	303 Greenwich Street	New York	NY	10013-3801	05/01/02	N/A
16	215	199 CHAMBERS STREET	BMCC	CUNY	199 Chambers Street	New York	NY	10013	01/24/02	N/A
16		345 CHAMBERS STREET	Stuyvesant HS	New York City Board of Education	28-11 Queens Plaza North	Long Island City	NY	11101	10/04/01	N/A
16	200	400 CHAMBERS STREET	Tribeca Park , 34 River Terrace	Related Management Company, L.	203 East 86th Street	New York	NY	10028	01/27/02	N/A
279	66	22 CHATHAM SQUARE		22 Chatham Square Realty c/o Coz	225 Broadway	New York	NY	10007-3001	05/01/02	N/A
279	67	23 CHATHAM SQUARE		Building Owner/Management	23 Chatham Square	New York	NY	10038	05/01/02	N/A
63	6	19 CHURCH STREET	26 Cortlandt St., 25 Dey St. Former East river Savings Bank	Century 21 Inc.	22 Cortlandt Street	New York	NY	10007	04/10/02	Cleaned
86	1	90 CHURCH STREET	74-90 Church St,36-66 Vesey St, 1-15 West Broadway, 44-58 Barclay St.	Boston Properties	90 Church St	New York	NY	10022	01/24/02	N/A
125	20	100 CHURCH STREET	44-80 Park Place,21-35 West Broadway,45-75 Barclay St	100 Church LLC, ZAR Realty Mgm	384 5th Avenue	New York	NY	10018	11/14/02	Ongoing
123	10	99 CHURCH STREET	26/42 Park Pl, 23-41 Barclay St.	Moody's Investment Services	99 Church Street	New York	NY	10007-2707	05/16/02	Cleaned
124	12	111 CHURCH STREET	27 Park Place, 24-26 Murray St, 24 Murray St	27 Park Place Associates Inc. c/o (	9210 4th Avenue	Brooklyn	NY	11209	06/15/02	Completed
146	27	176 CHURCH STREET	88 Reade St	NJ Funding Inc.	21 West 19th Street	New York	NY	10011-4208	05/01/02	N/A
147	28	200 CHURCH STREET	127 Duane Street, 50-52 Thomas Street	200 Church Street Associates LLC	1407 Broadway, 30th Floo	New York	NY	10018-5100	08/30/02	Completed
176	29	236 CHURCH STREET	236-240 Church Street, 58-64 Leonard Street	New York Law School	57 Worth Street	New York	NY	10013-2926	05/17/02	N/A
76	9	15 CLIFF STREET		15 Cliff II LLC c/o Rockrose Develo	309 East 45th Street	New York	NY	10017-3402	10/08/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
76	8	23 CLIFF STREET	Uniformed Sanitation Association	Uniformed Sanitation Association,	25 Cliff Street	New York	NY	10038-2820	02/20/02	N/A
75	43	26 CLIFF STREET		40 Fulton Street LLC	330 Madison Avenue	New York	NY	10017-5001	02/20/02	N/A
76	7	27 CLIFF STREET		27 Cliff Street Realty	27 Cliff Street	New York	NY	10038-2835	07/17/02	Cleaned
75	7502	28 CLIFF STREET		Fields Kenneth Jay	28 Cliff Street	New York	NY	10038	02/20/02	N/A
75	7503	30 CLIFF STREET		30 Cliff St. Condo	5 East 37 Street	New York	NY		02/20/02	N/A
75	46	32 CLIFF STREET		Rosdale Equities LP c/o Benny Col	344 East 63rd Street	New York	NY	10021-7709	02/20/02	N/A
75	48	34 CLIFF STREET	52 Fulton St	50 Fulton Associates c/o Balwin Re	113-117 Cedar Street	New York	NY	10006	02/20/02	N/A
95	43	46 CLIFF STREET		New York City Transit Authority	370 Jay Street	Brooklyn	NY	11201-3814	05/24/02	N/A
7	7501	1 COENTIES SLIP	38 Water Street, 34 Water St., 34-38 Water St., 64-66 I	Alan G. Rose	421 Hudson Street	New York	NY	10014-3646	04/24/02	N/A
30	1	2 COENTIES SLIP	74 Pearl Street	Pavia & Harcourt c/o Jordan E. Rir	600 Madison Avenue	New York	NY	10004	04/13/02	N/A
63	1	10 CORTLANDT STREET	12 Cortlandt Street	Building Owner c/o Cortlandt Realty	140 Fulton Street, 5th Floo	New York	NY	10007	07/10/02	Completed
63	3	22 CORTLANDT STREET		Murray Hill Properties c/o Abe New	22 Cortlandt Street	New York	NY	10007	06/17/02	Cleaned
63	12	5 DEY STREET	7 Dey Street	Sakele Brothers, LLC	5 Dey Street	New York	NY	10007-3105	09/21/02	Completed
80	4	20 DEY STREET	Millenium Hilton, 41-51 Church St, 172-184 Fulton St	CDL (NY) Limited LP DBA The Mill	55 Church Street	New York	NY	10007-2910	01/26/02	N/A
150	25	100 DUANE STREET	100-102 Duane St., 104 Duane St.. Engine Co. 7, Ladder 1	New York City Fire Department	9 Metrotech Center	Brooklyn	NY	11201-5431	04/13/02	N/A
151	1	105 DUANE STREET	10-16 Thomas St/1 Trimble St., Tribeca Tower	Tribeca Equity Partners LP c/o Rel	203 East 86th Street	New York	NY	10022-1801	05/11/02	N/A
150	24	106 DUANE STREET		CFO Equities LLC	217 Broadway	New York	NY	10007-2909	05/04/02	N/A
150	22	108 DUANE STREET	110 Duane St	108-110 Duane Street	108-110 Duane Street	New York	NY	10007	05/04/02	N/A
150	19	116 DUANE STREET		Roth Ack Realty	111 Chambers Street	New York	NY	10007-1098	05/04/02	N/A
151	10	117 DUANE STREET	199 Church St., 193-207 Church Street, 117-125 Duane Street, 32-40 Thomas Street	State Insurance Fund Attn. Albert R	199 Church Street	New York	NY	10007-1100	05/18/02	N/A
150	17	118 DUANE STREET	120 Duane St	Ackerman Holding Co.	111 Chambers Street	New York	NY	10007-1098	05/04/02	N/A
150	15	122 DUANE STREET	124 Duane St	Tribeca Associates LLC	430 Broadway	New York	NY	10012-3784	05/25/02	N/A
147	7505	129 DUANE STREET	54 Thomas Street	Building Owner/Management	129 Duane Street	New York	NY	10013	04/13/02	N/A
147	2	131 DUANE STREET	131-135 Duane Street	Duane Street Realty LLC c/o Ellen	51 MacDougal Street	New York	NY	10012-2921	05/11/02	Cleaned
146	7504	132 DUANE STREET		Building Owner/Management	132 Duane Street	New York	NY	10013	04/13/02	N/A
146	21	138 DUANE STREET	140 Duane St	Building Owner/ Management Ager	138-140 Duane Street	New York	NY	10013	04/11/02	N/A
146	21	134 DUANE STREET	136 Duane St, 138-140 Duane Street	134-138 Duane Street #63 c/o And	666 Broadway	New York	NY	10012-2317	04/13/02	N/A
147	5	137 DUANE STREET	141 Duane St., 62 Thomas St., 66 Thomas St. 62-66 Thomas St	Duane Thomas LLC	435 5th Avenue	New York	NY	10016-2208	04/11/02	N/A
146	18	142 DUANE STREET		144 Duane Street Corp	366 Broadway	New York	NY	10013-3921	04/11/02	N/A
147	7502	143 DUANE STREET		Building Owner/Management	143 Duane Street	New York	NY	10013	04/11/02	N/A
146	17	144 DUANE STREET		J A J Equities	430 West Broadway	New York	NY	10012-3784	05/01/02	N/A
147	9	145 DUANE STREET		Duvoor Corp. c/o Bruce Eckman	27 Woodland Street	Sherborn	MA	01770-1409	04/11/02	N/A
146	15	146 DUANE STREET		Gloria Pusch	148 Duane Street	New York	NY	10013-3855	04/11/02	N/A
147	10	147 DUANE STREET		L & J Tribeca LLC	470 Park Avenue South	New York	NY	10016-6819	04/11/02	N/A
146	14	148 DUANE STREET		Gloria Pusch	148 Duane Street	New York	NY	10013-3855	04/11/02	N/A
147	11	149 DUANE STREET	131- 133 West Broadway	Duane Fabs Properties Corp.	149 Duane Street	New York	NY	10013-3809	04/11/02	N/A
146	7502	150 DUANE STREET	115 West Broadway, 152 Duane St, 115-123 West Broadway	Building Owner/Management	150 Duane Street	New York	NY	10013-3808	05/01/02	N/A
144	12	155 DUANE STREET		W Robert Curtis & Cheryl Riess	155 Duane Street	New York	NY	10013-3810	05/25/02	Cleaned
144	13	157 DUANE STREET		Duane St Pk Corp	157 Duane Street	New York	NY	10013-3836	05/01/02	N/A
144	14	159 DUANE STREET		Helen Winkler Fosdick c/o Warwick	129 Charles Street	New York	NY	10014-2575	05/01/02	Cleaned
144	15	161 DUANE STREET		Portobello Realty Corp.	1251 6th Avenue	New York	NY	10020-1103	05/01/02	Cleaned
141	7504	166 DUANE STREET	21-31 Hudson Street	Duane Park Building c/o Andrews I	666 Broadway	New York	NY	10012-2317	05/01/02	N/A
141	7501	168 DUANE STREET		David Metcalf	168 Duane Street	New York	NY	10013-3375	05/01/02	N/A
141	7503	170 DUANE STREET		RMB Holding Company of NY Inc	170 Duane Street	New York	NY	10013-3813	05/01/02	N/A
143	8	171 DUANE STREET		171 Duane Street Owners Corp	666 Broadway	New York	NY	10012-2317	05/01/02	N/A
141	28	172 DUANE STREET		Jeffrey Lovinger	1 West 72 Street	New York	NY	10023-3486	05/18/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
143	9	173 DUANE STREET	175 Duane Street	173 Duane St Corp. c/o Andrews B	666 Broadway	New York	NY	10012-2317	05/01/02	Cleaned
141	27	174 DUANE STREET		Building Owner/Management	174 Duane Street	New York	NY	10013	05/01/02	N/A
141	7505	176 DUANE STREET		Building Owner/Management	176 Duae Street	New York	NY	10013	05/01/02	N/A
143	7502	179 DUANE STREET	177 Duane Street	Building Owner/Management	179 Duane Street	New York	NY	10013	05/01/02	N/A
141	25	178 DUANE STREET		538 West 53rd Street Co. Inc. c/o H	P.O. Box 223	New York	NY	10003	05/01/02	N/A
141	24	180 DUANE STREET		180 Duane Street LLC	182 Duane Street	New York	NY	10013-6605	05/01/02	N/A
143	13	181 DUANE STREET		Mrs. Florence Sukup	110-48 69th Road	Flushing	NY	11375-3920	05/01/02	Cleaned
141	23	182 DUANE STREET		Stelen Realty Co.	182 Duane Street	New York	NY	10013-6605	05/18/02	N/A
143	14	183 DUANE STREET		Hsing Hsung Chung	183 Duane Street	New York	NY	10013-3309	05/01/02	Cleaned
141	7502	184 DUANE STREET	186 Duane St.	Barry Steingard	184 Duane Street	New York	NY	10013-3343	05/01/02	N/A
143	15	185 DUANE STREET		185 Duane LLC	666 Broadway	New York	NY	10012-2317	05/01/02	N/A
141	21	188 DUANE STREET	188 -190 Duane Street	Cortlandt Realty Co.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	04/20/02	N/A
78	26	7 DUTCH STREET	7 & 7.5 Dutch Street, 7 1/2 Dutch Street	Time Equities c/o Michael Greenbe	55 5th Avenue	New York	NY	10003	06/29/02	Completed
78	7504	15 DUTCH STREET		9-15 Dutch Street Equities LLC. c/o	55 Fifth Avenue	New York	NY	10003	07/17/02	Completed
279	65	1 EAST BROADWAY		Bugsby Realty Corp. c/o Carol Lon	215 Park Row	New York	NY	10038-1129	05/01/02	N/A
279	64	3 EAST BROADWAY		Herbert Din	3 East Broadway	New York	NY	10038-1013	05/01/02	N/A
279	63	5 EAST BROADWAY		Men Lee Realty c/o H. Hsu	5 East Broadway	New York	NY	10038-1013	05/01/02	N/A
279	62	7 EAST BROADWAY		Transworld Buddhist	7 East Broadway	New York	NY	10038-1013	05/01/02	N/A
279	61	9 EAST BROADWAY		Nine East Broadway LLC	7 Chatham Square	New York	NY	10038-1000	05/01/02	N/A
279	59	11 EAST BROADWAY	11-15 East Broadway, 14-20 Catherine Street	GCT Management LTD c/o Ka Wai	11 East Broadway	New York	NY	10038	05/01/02	N/A
25	27	40 EXCHANGE PLACE	27 William St., 25-29 William St.	40 Exchange Place Corp. c/o Diver	40 Exchange Place	New York	NY	10005-2701	09/15/02	Completed
178	4	102 FRANKLIN STREET		Freund Freund Co. Inc.	102 Franklin Street	New York	NY	10013-2910	05/17/02	N/A
177	28	103 FRANKLIN STREET		Longfellow Properties Inc. c/o Rud	545 Madison Avenue	New York	NY	10022-4219	05/17/02	N/A
178	5	104 FRANKLIN STREET		Noel Farese	104 Franklin Street	New York	NY	10013-2923	05/17/02	N/A
177	27	105 FRANKLIN STREET		Longfellow Properties c/o Rudd Ma	25 West 43rd Street	New York	NY	10036-7406	05/17/02	N/A
178	6	106 FRANKLIN STREET		Ron Jay Corp.	106 Franklin Street	New York	NY	10013-2910	05/17/02	N/A
177	24	111 FRANKLIN STREET	111-113 Franklin Street	NY Academy of Art	111 Franklin Street	New York	NY	10013-2911	05/17/02	N/A
178	7	108 FRANKLIN STREET	110 Franklin Street	Ootacamund Corp.	108 Franklin Street	New York	NY	10013-2951	05/17/02	N/A
178	7501	112 FRANKLIN STREET		Building Owner/Management	112 Franklin Street	New York	NY	10013	05/17/02	N/A
178	10	114 FRANKLIN STREET		Louise Longa	580 Prospect Avenue	Ridgefield	NJ	07657-2408	05/17/02	N/A
189	7	150 FRANKLIN STREET		148-150 Franklin St Coop Inc c/o M	150 Franklin Street	New York	NY	10013-2913	03/12/02	N/A
35	1	77 FRONT STREET	32 Old Slip, 28-36 Old Slip, 40-48 South Street, 77-93 F	Old Slip Associates LP	1633 Broadway	New York	NY	10019-6708	04/27/02	N/A
37	13	129 FRONT STREET	91-95 Pine Street	Target Two Associates	129 Front Street	New York	NY	10005-1602	05/18/02	N/A
71	1	160 FRONT STREET	135-149 Maiden Ln, 155 Water St,23-25 Fletcher St	160 Front Street Associates	97-77 Queens Boulevard	Flushing	NY	11374-3317	04/20/02	N/A
72	13	163 FRONT STREET	39-40 Fletcher Street	American International Realty	163 Water Street	New York	NY	10038-4972	04/27/02	N/A
72	14	165 FRONT STREET		SWH Front Street LLC	100 Washington Street	Newark	NJ	07102-3024	04/20/02	N/A
96	12	201 FRONT STREET	19 Fulton Street, 15-19 Fulton Street, 202 Front Street	NYC EDC	110 William Street	New York	NY	10038-3901	04/26/02	N/A
96	8	205 FRONT STREET		NYC Economic Development Corp	110 William Street	New York	NY	10038-3901	05/18/02	N/A
96	5	207 FRONT STREET	209 Water Street, 211 Water Street, 213 Water Street,	NYC EDC	110 William Street	New York	NY	10038-3901	04/20/02	N/A
96	5	207 FRONT STREET	207 Water Street, 209 Water Street, 211 Water Street,	NYC EDC	110 William Street	New York	NY	10038-3901	04/20/02	N/A
96	5	207 FRONT STREET	217 Water Street, 133 Beekman Street, 127-137 Beek	NYC EDC	110 William Street	New York	NY	10038-3901	04/26/02	N/A
96	5	207 FRONT STREET	21 Fulton St., 23 Fulton St., 25 Fulton St., 205 Water S	NYC EDC	110 William Street	New York	NY	10038-3901	04/26/02	N/A
96	5	207 FRONT STREET	204-206 Front St., 21-223 Fulton Street	Building Owner/ Management	204 Front Street	New York	NY	10038	04/26/02	N/A
96	5	207 FRONT STREET	203 Front St., 204 Front St., 206 Front St., 21 Fulton St.	NYC EDC	110 William Street	New York	NY	10038-3901	04/26/02	N/A
96	5	207 FRONT STREET	213 Water St., 127-137 Beekman St., 208-210 Front St.	NYC EDC	110 William Street	New York	NY	10038-3901	04/26/02	N/A
96	5	210 FRONT STREET	211 Water Street, 213 Water Street, 127-137 Beekman	NYC EDC	110 William Street	New York	NY	10038-3901	04/26/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
97	17	211 FRONT STREET	142 Beekman Street, 142-144 Beekman Street	Dorothea S. Thompson	36 Johnson Hill Road	Chester	MA	01011-9745	04/20/02	N/A
97	43	212 FRONT STREET	140 Beekman Street	John K. Rapp	168 Madison Avenue	New York	NY	10016-54520	04/20/02	N/A
97	37	220 FRONT STREET	214 Front Street, 220 Front Street, 222 Front Street, 224	New York City Housing Preservatio	100 Gold Street	New York	NY	10038-1605	05/18/02	No Access
97	37	220 FRONT STREET	214 Front Street, 220 Front Street, 222 Front Street, 224	New York City Housing Preservatio	100 Gold Street	New York	NY	10038-1605	05/18/02	No Access
97	24	225 FRONT STREET		Building Owner/Management	225 FRONT STREET	New York	NY	10038	05/25/02	N/A
97	36	226 FRONT STREET		C. White & J. Gilpin	226 Front Street	New York	NY	10038-2009	04/20/02	N/A
97	25	227 FRONT STREET		Building Owner/Management	227 FRONT STREET	New York	NY	10038	05/18/02	No Access
97	35	228 FRONT STREET		VJHC Properties Inc. c/o Thomas Sung	6 Bowery	New York	NY	10013-5101	04/20/02	N/A
97	26	231 FRONT STREET	233 Front St., 235 Front St., 34 Peck Slip	Building Owner/ Management	231 Front Street	New York	NY	10038	04/26/02	N/A
97	26	229 FRONT STREET	38 Peck Slip	Building Owner/ Management	38 Peck Slip	New York	NY		04/26/02	N/A
97	26	229 FRONT STREET		Building Owner/Management	229 FRONT STREET	New York	NY	10038	05/18/02	No Access
97	26	229 FRONT STREET		Building Owner/Management	229 FRONT STREET	New York	NY	10038	05/18/02	No Access
97	26	229 FRONT STREET		Building Owner/Management	229 FRONT STREET	New York	NY	10038	05/18/02	No Access
97	26	229 FRONT STREET		Building Owner/Management	229 FRONT STREET	New York	NY	10038	05/18/02	No Access
97	33	232 FRONT STREET		Fourth Jam Development c/o Vang	224 5th Avenue	New York	NY	10001-7705	04/20/02	N/A
107	2	237 FRONT STREET	35-43 Peck Slip	119 South Street Associates, LLC	401 West 45th Street, 2C	New York	NY	10036	04/20/02	N/A
107	35	244 FRONT STREET		144 Front Street Associates	244 W 99th Street	New York	NY	10025-5433	04/20/02	N/A
107	34	246 FRONT STREET	267 Water Street	X-Tra Service Corp.	40-52 75th Street	Flushing	NY	11373	05/24/02	N/A
107	33	248 FRONT STREET		Micro Realty LLC	4052 75th Street	New York	NY	11373-1059	04/20/02	N/A
107	7501	250 FRONT STREET		Building Owner/ Management	250 Front Street	New York	NY	10038	04/20/02	N/A
107	31	252 FRONT STREET		252 Front Street LLC	252 Front Street	New York	NY	10038-1717	04/20/02	N/A
107	28	254 FRONT STREET	22 Dover St.	Joselyn Luchnick Trust c/o Alan Lu	236 Golden Beach Drive	Golden Beach	FL	33160-2241	04/26/02	N/A
107	26	259 FRONT STREET	34 Dover St., 36 Dover St., 38 Dover Street	S. Durante Son Inc.	160 South Street	New York	NY	10038-1715	04/26/02	N/A
75	21	40 FULTON STREET	259-265 Pearl Street	40 Fulton St LLC c/o MRC Manage	40 Fulton Street	New York	NY	10038	07/16/02	Cleaned
95	27	49 FULTON STREET	267-285 Pearl Street	St. Margaret's House	49 Fulton Street	New York	NY	10038-1836	02/16/02	N/A
75	7501	50 FULTON STREET		Intelliware Network Services c/o Da	74 Trinity Place	New York	NY	10038	07/02/02	Cleaned
76	6	56 FULTON STREET	29-31 Cliff Street	Term Fulton Realty Corp.	17 East 12th Street	New York	NY	10003-4404	02/15/02	N/A
76	1	64 FULTON STREET		Country Club Recovery	64 Fulton Street	New York	NY	10038-1854	07/02/02	Cleaned
76	28	70 FULTON STREET	74 Fulton Street, 48-50 Gold Street	Empire Assoc Realty	640 5th Avenue	New York	NY	10019-6102	09/28/02	Completed
93	1	81 FULTON STREET	150 William Street, 53-59 Gold St.,72-92 Ann St.	150 William St Assoc. LP	160 Broadway	New York	NY	10038-4201	11/17/02	Completed
77	24	82 FULTON STREET	33-43 Gold Street, 45-51 Gold St., 82-88 Fulton St	Catherine Consalvas c/o Thurcom	470 Park Avenue South	New York	NY	10016-6819	09/20/02	N/A
77	24	82 FULTON STREET	45-51 Gold Street	Catherine Consalvas C	470 Park Avenue South	New York	NY	10016-6819	09/20/02	N/A
77	23	90 FULTON STREET		LSU of Massapequa Realty	70 Broadway	Hicksville	NY	11801	09/29/02	Completed
77	22	92 FULTON STREET		Fulton Street Funding Inc.	21 West 19th Street	New York	NY	10011-4261	09/29/02	Completed
77	21	94 FULTON STREET		Fulton 94 Fulton Inc c/o Dominion	475 Park Avenue South, S	New York	NY	10016-6901	10/27/02	Completed
91	1	111 FULTON STREET	52-64 Ann St., 143-155 William St	C & K Properties	Pier 40, West St @ W Hou	New York	NY	10014	07/25/02	Completed
78	21	104 FULTON STREET	102-104 Fulton St., 102 Fulton St.	Legency Fulton Sreet Corp.	111 Great Neck Road, Sui	Great Neck	NY	11021	07/23/02	Completed
78	20	106 FULTON STREET	14 Dutch Street	Pace Uiversity	235 Elm Road Tiad House	Briarcliff	MA		08/28/02	Cleaned
78	19	110 FULTON STREET	16-18 Dutch Street	Wall Street Suites LLC	350 5th Avenue, Suite 750	New York	NY	10118-6904	03/14/02	Cleaned
78	49	112 FULTON STREET	17-19 Dutch Street	112 Fulton St LLC	111 East 14th Street	New York	NY	10003-4103	10/04/02	Completed
78	7501	114 FULTON STREET	114-116 Fulton Street	Cedar Management Corp.	20 Vesey St.	New York	NY	10007-2913	07/01/02	Completed
78	46	118 FULTON STREET		120 Fulton Realty LLC	64 Fulton Street, #1001	New York	NY	10038-2749	06/23/02	Completed
91	8	119 FULTON STREET	50 Ann Street	Luby Realty Associate	119 Fulton Street, 6th Floo	New York	NY	10038-2729	06/20/02	Completed
78	45	120 FULTON STREET		120 Fulton Realty LLC	64 Fulton Street, #1001	New York	NY	10038-2749	06/23/02	Completed
91	9	121 FULTON STREET	48 Ann Street, 123 Fulton Street	Cedar Management Corp.	20 Vesey St.	New York	NY	10007-2913	06/23/02	Completed
91	9	123 FULTON STREET	46 Ann Street, 121 Fulton Street	Cedar Management Corp.	20 Vesey St.	New York	NY	10007-2913	06/23/02	Completed

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
78	44	122 FULTON STREET		Jamidaro Partners	160 Legrand Avenue	Northdale	NJ	07647	08/23/02	Completed
91	11	125 FULTON STREET	44 Ann Street	Grecian Management Inc.	22-29 28th Street	Astoria	NY	11105	08/23/02	Completed
91	12	127 FULTON STREET	42 Ann Street	Collegiate Church Corp. attn. D. Ri	45 John Street, Suite 1000	New York	NY	10038-3706	08/22/02	Completed
79	28	138 FULTON STREET		138 Fulton Crew Corp. c/o Morris	34 Garden Avenue	New York	NY	10708-3130	03/02/02	N/A
79	27	140 FULTON STREET		Cortlandt Realty Co.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	05/24/02	N/A
89	2	141 FULTON STREET		Solomon Realty Corp.	9 Pell Street, Room 2A	New York	NY	10013-5153	10/05/02	Completed
79	26	142 FULTON STREET		Century Realty Inc.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	05/24/02	N/A
89	3	143 FULTON STREET	24-26 Ann Street	145 Fult Ann Inc.	4 East 80 Street	New York	NY	10021	10/05/02	Completed
79	25	144 FULTON STREET		M & R Whitcombe Family	418 Adelle Drive	Sagamore Hill	OH	44067	05/24/02	N/A
68	28	15 GOLD STREET	22-28 Platt Street	Building Owner/ Holiday Inn	15 Gold Street	New York	NY	10038	02/16/02	N/A
76	23	38 GOLD STREET	Lot	Gold Street Properties	2700 Grand Avenue	Bellmore	NY	11710-3500	02/16/02	N/A
76	24	40 GOLD STREET		Lamed Enterprises LLC	40-52 75th Street	Flushing	NY	11373-1059	02/20/02	N/A
76	25	44 GOLD STREET	Country Café	44 Country Associates	44 Gold Street	New York	NY	10038-2812	09/27/02	Completed
76	26	46 GOLD STREET		Mildred Werber	40-29 74th Street	Flushing	NY	11373-5603	02/20/02	N/A
94	1	80 GOLD STREET	55 Fulton Street/ Footlocker/ Southbridge Towers	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	09/23/02	Completed
94	1	80 GOLD STREET	90 Gold Street, Building #4	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	90 Beekman Street, Building #7	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	100 Beekman Street, Building #6	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	Building #1	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	299 Pearl Street, Building #9	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	77 Fulton Street, Building #2	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	90 Gold Street, Building #5	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	80 Beekman Street, Building #3	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	1	80 GOLD STREET	333 Pearl Street, Building #8	Southbridge Towers Inc. c/o PRC M	19 East 82 Street	New York	NY	10028-0302	07/18/02	N/A
94	25	100 GOLD STREET		HPD	100 Gold Street	New York	NY	10038-1605	02/15/02	N/A
18	100	56 GREENWICH STREET	70 Greenwich St., 81-85 Washington St, 25-29 West St.	Building Owner/ Port Authority of N	56 Greenwich Street	New York	NY	10006	01/26/02	N/A
19	11	67 GREENWICH STREET	28 Trinity Place, 28-30 Trinity Place	67 Greenwich LLC c/o Martha Sche	P.O. Box 112 Planetarium	New York	NY	10024-9998	06/30/02	Completed
19	13	69 GREENWICH STREET	42 Trinity Place (Sims)	Building Owner/Management	42 Trinity Place	New York	NY	10006	01/25/02	N/A
19	18	81 GREENWICH STREET	44 Trinity Place	EBW LLC c/o Merlon Management	49 1/2 First Avenue	New York	NY	10003-9402	05/16/02	Cleaned
19	19	83 GREENWICH STREET	46-48 Trinity Place	46 Trinity Place, LLC.	46 Trinity Place	New York	NY	10006	05/20/02	Cleaned
53	41	94 GREENWICH STREET	16 Rector St., 14-18 Rector Street	Susan Borkow & Myles Behrens as	1318 Harbor Road	Hewlett	NY	11557	10/25/02	Completed
53	39	96 GREENWICH STREET		The Pussycat Lounge Inc.	96 Greenwich Street	New York	NY	10006	11/10/02	Completed
53	40	94.5 GREENWICH STREET	94 1/2 Greenwich Street	Union and Court Realty	94 1/2 Greenwich Street	New York	NY	10006	11/10/02	Completed
53	38	98 GREENWICH STREET	98-100 Greenwich Street	98-100 Realty LLC	P.O. Box 1055, 12-70 Rive	Fair Lawn	NJ	07410-8055	01/26/02	N/A
53	37	102 GREENWICH STREET	104 Greenwich Street	102-104 Greenwich Street	102 Greenwich St.	New York	NY	10006-1801	01/26/02	N/A
53	36	106 GREENWICH STREET		Century Realty Inc.	140 Fulton Street	New York	NY	10038-2500	01/25/02	N/A
53	35	108 GREENWICH STREET		Serres, Visone & Rice, Inc. c/o Jos	108 Greenwich Street	New York	NY	10006-1821	01/25/02	N/A
53	33	110 GREENWICH STREET	2 Carlisle St	110 Greenwich St Assoc., LLC c/o	11 Wavery Place	New York	NY	10003-6722	01/25/02	N/A
53	28	114 GREENWICH STREET	2 Albany St., 1 Carlisle St, 114-120 Greenwich St	120 Greenwich Development Asso	459 Washington St., 5S	New York	NY	10013	01/25/02	N/A
51	14	125 GREENWICH STREET	18-22 Thames Street, 129 Greenwich St.	American Stock Exchange Inc.	86 Trinity Place	New York	NY	10006	05/20/02	Cleaned
52	8	133 GREENWICH STREET	23 Thames St, 21-29 Thames	Y.S.G.F. Realty LLC Attn. Yair Le	19 Sinclair Drive	Kings Point	NY	11024-1621	11/10/02	Completed
52	8	135 GREENWICH STREET	25-29 Thames St	Y.S.G.F. Realty LLC Attn. Yair Levy	19 Sinclair Drive	Kings Point	NY	11034-1621	11/10/02	Completed
52	10	137 GREENWICH STREET	120 Cedar Street	TARA Realty Co./Crosstown Mgmt	29-37 41st Street	LIC	NY	11101-3301	06/14/02	Cleaned
52	22	141 GREENWICH STREET	124 Liberty Street, 127 Cedar Street, Engine Co. 10, Ladder Co. 10	NYC Fire Department	9 Metrotech Center	Brooklyn	NY	11201-5431	11/14/02	Ongoing
132	7501	275 GREENWICH STREET	85 Murray St, 85-87 Warren Street	Greenwich Court Condo, D Elliman	575 Madison Avenue	New York	NY	10022-2511	08/28/02	Cleaned
142	1	282 GREENWICH STREET	PS234M, 292 Greenwich Street	New York City Board of Education	28-11 Queens Plaza North	Long Island City	NY	11101	01/24/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
137	7502	295 GREENWICH STREET	Greenwich Corp. Condominium	Grenwich One Assoc.	180 Varick Street	New York	NY	10012	01/25/02	N/A
140	7502	311 GREENWICH STREET	151-155 Reade St., 151 Reade St., NY Sports Club	Reade House Condominium Assoc	311 Greenwich Street	New York	NY	10013-3386	05/01/02	N/A
142	25	310 GREENWICH STREET	80 North Moore Street//Independence Plaza	Hudson River Management LLC	40 Harrison Street	New York	NY	10013	05/11/02	N/A
142	25	310 GREENWICH STREET	40 Harrison Street/Independence Plaza	Hudson River Management LLC	40 Harrison Street	New York	NY	10013	05/11/02	N/A
142	25	310 GREENWICH STREET	Independence Plaza	Hudson River Management LLC	40 Harrison Street	New York	NY	10013	05/11/02	N/A
141	15	315 GREENWICH STREET	160 Reade Street	315 Greenwich Street, LLC c/o Be	73 Warren Street	New York	NY	10007-1011	05/01/02	N/A
142	25	316 GREENWICH STREET		Duane Street Associates, c/o Huds	P.O. Box 1763	New York	NY	10156-1763	05/18/02	N/A
141	16	317 GREENWICH STREET	319 Greenwich Street	Belkar Holding Co. c/o Sidney Rub	348 West 23rd Street	New York	NY	10011-2223	05/01/02	N/A
141	7506	321 GREENWICH STREET		Building Owner/Management	321 Greenwich Street	New York	NY	10013	05/25/02	N/A
141	19	323 GREENWICH STREET		Jonathan Chodosh	323 Greenwich Street	New York	NY	10013-3341	05/01/02	N/A
143	16	325 GREENWICH STREET	187 Duane St	Peter F. Matera c/o Matera Manage	17 6th Avenue	New York	NY	10013-5717	05/01/02	N/A
143	17	329 GREENWICH STREET		Charles Bertram	1242 57th Street	Brooklyn	NY	11219-4523	05/11/02	N/A
143	19	331 GREENWICH STREET		Giel Millner	18 West Goepp Street	Bethlehem	PA	18018-2706	05/11/02	N/A
143	7503	333 GREENWICH STREET	16-18 Jay Street	Downtown Greenwich LLC	75 Hurray Street	New York	NY	10007	05/11/02	N/A
143	21	335 GREENWICH STREET	20 Jay St., 20-24 Jay St.,	Hanover River House, Inc. c/o Can	7401 Ridge Boulevard	New York	NY	10010-4205	05/11/02	N/A
180	7508	339 GREENWICH STREET	21 Jay St., 21-25 Jay St.,	Building Owner/ Management	339 Greenwich Street	New York	NY	10013	05/11/02	N/A
180	25	353 GREENWICH STREET	19 Harrison Street, 19-23 Harrison, 353 Greenwich St	J&N Ganiaris	353 Greenwich Street	New York	NY	10013-2807	05/11/02	N/A
141	20	323A GREENWICH STREET	190A Duane Street	Building Owner/ Management	190A Duane Street	New York	NY	10013	04/20/02	N/A
142	25	334 GREENWICH STREET	PS150M	New York City Board of Education	28-11 Queens Plaza North	Long Island City	NY	11101	Yes	N/A
29	7502	1 HANOVER SQUARE	64 Stone Street, 2 Hanover Square, 60-64 Stone St., 9	Building Owner/Management	1 Hanover Square	New York	NY	10004	04/19/02	N/A
31	1	10 HANOVER SQUARE	110-124 Pearl Street, 76-88 Water Street	Ten Honover LLC c/o Witkoff Grou	220 East 42 Street	New York	NY	10017-5806	04/19/02	N/A
28	5	5 HANOVER SQUARE	66 Beaver Street, 10 Hanover Street, 66-74 Beaver St.	Peamibat Assoc. LP	5 Hanover Square, Suite 2	New York	NY	10004-2614	08/30/02	Cleaned
30	19	7 HANOVER SQUARE	84-106 Pearl Street, 50-72 Water Street	Seven Hanover Associates LLC	335 Madison Avenue	New York	NY	10017-4611	04/19/02	N/A
181	7503	6 HARRISON STREET	2 Harrison St., 87-91 Hudson St.	NY Mercantile Exchange	6 Harrison Street	New York	NY	10013	05/11/02	N/A
180	7510	5 HARRISON STREET		Condominium Board Managers c/o	80 East 11th Street	New York	NY	10003-6811	05/11/02	N/A
180	29	7 HARRISON STREET	7-9 Harrison St., 6 Staple St.	Helene Harrison Corp.	7 Harrison Street	New York	NY	10013-2832	05/11/02	N/A
181	1	8 HARRISON STREET		8 Harry Inc.	8 Harrison Street	New York	NY	10013-2886	05/11/02	N/A
181	2	10 HARRISON STREET		Building Owner/Management	10 Harrison Street	New York	NY	10013	05/11/02	N/A
180	7504	11 HARRISON STREET		Building Owner/Management	11 Harrison Street	New York	NY	10013-2837	05/11/02	N/A
181	7505	12 HARRISON STREET		Harrison Studios	12 Harrison Street	New York	NY	10013-2838	05/11/02	N/A
180	7506	13 HARRISON STREET		Building Owner/Management	13 Harrison Street	New York	NY	10013	05/11/02	N/A
181	4	14 HARRISON STREET	16 Harrison Street	Harrison Studios Corp.	14 Harrison Street	New York	NY	10013-2842	05/11/02	N/A
180	126	15 HARRISON STREET		Gerald Kagan	17 Harrison Street	New York	NY	10013-2812	05/11/02	N/A
180	26	17 HARRISON STREET		Gerald Kagan	17 Harrison Street	New York	NY	10013-2812	05/11/02	N/A
181	5	18 HARRISON STREET		Harrison Street Development Asso	6 Harrison Street	New York	NY	10013-2883	05/11/02	N/A
181	6	20 HARRISON STREET		Leonard Gunilla Vickers	20 Harrison Street	New York	NY	10002-6702	05/11/02	N/A
181	40	22 HARRISON STREET		Roy Chu	39 Bowery	New York	NY	10002-6702	05/11/02	N/A
181	41	26 HARRISON STREET	24-26 Harrison Street, 24 Harrison Street	Giel Millner	18 W, Goepp Street	Bethlehem	PA	18018-2706	05/11/02	N/A
142	11	27 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	13	29 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	14	31 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	16	33 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	17	37 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	18	39 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	25	40 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	19	41 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
142	50	51 HARRISON STREET	Independence Plaza	Hudson River Management LLC	40 Harrison Street	New York	NY	10013		
142	10	187 HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
142	12	HARRISON STREET		Duane Street Assoc. c/o Hudson R	P.O. Box 1763	New York	NY	10156-1763	05/11/02	N/A
279	40	8 HENRY STREET	16-22 Oliver Street, 26-32 Catherine Street	NYC Board of Education	110 Livingston Street	New York	NY	11201-5004	05/01/02	N/A
144	1	16 HUDSON STREET	120 West Broadway, 154-156 Duane St., 158 Duane St., 118-128 West Broadway	One Hudson Park Inc. c/o Andrews	666 Broadway	New York	NY	10012-2317	05/11/02	N/A
144	1	16 HUDSON STREET	120 West Broadway, 154-156 Duane St., 158 Duane St., 118-128 West Broadway	One Hudson Park Inc. c/o Andrews	666 Broadway	New York	NY	10012-2317	05/11/02	N/A
144	1	16 HUDSON STREET	120 West Broadway, 154-156 Duane St., 158 Duane St., 118-128 West Broadway	One Hudson Park Inc. c/o Andrews	666 Broadway	New York	NY	10012-2317	05/11/02	N/A
144	16	34 HUDSON STREET	36 Hudson Street	Mohawk Electric Supply Inc. c/o Lo	339 Pepperidge Road	Hewlett	NY	11557-2736	05/01/02	N/A
144	18	40 HUDSON STREET		40 Hudson Street Owners	40 Hudon Street	New York	NY	10013	05/18/02	N/A
144	7501	42 HUDSON STREET		Richard Siegel	42 Hudson Street	New York	NY	10013-3336	05/18/02	N/A
144	20	44 HUDSON STREET		ZVI Baron c/o Aero Support	44 Hudson Street	New York	NY	10013-3370	05/18/02	N/A
144	22	46 HUDSON STREET	88-96 Thomas Street	R. Silkiss- E Vecchio c/o Lucius Pit	50 Hudson Street	New York	NY	10013-3310	05/18/02	N/A
143	1	47 HUDSON STREET	165 Duane St., 165-169 Duane Street	Duane Park Lofts Inc. c/o Tudor Re	25 Tudor City Place	New York	NY	10017-6819	05/01/02	N/A
143	4	55 HUDSON STREET	2-6 Jay Street	Tribeca Owners Corp. c/o Cooper S	6 East 43 Street	New York	NY	10017-4609	05/11/02	N/A
144	40	56 HUDSON STREET	2-24 Worth St., 79-97 Thomas St., 150-166 West Broadway, 160 West Broadway	Hudson Telegraph Associates c/o V	380 Madison Avenue	New York	NY	10017-2513	05/18/02	N/A
180	7502	67 HUDSON STREET	1-7 Jay Street	Whitehouse Condominium c/o Mich	122 East 42 Street	New York	NY	10168-0002	05/11/02	N/A
180	7501	71 HUDSON STREET	3 Staple Street	Andrews Building Corp.	382 Lafayette Street	New York	NY	10003-6907	05/11/02	N/A
180	4	73 HUDSON STREET		73 Hudson Inc.	9437 Shore Road	Brooklyn	NY	11209-7254	05/11/02	N/A
180	7509	77 HUDSON STREET	77-79 Hudson Street	Goldin Management Inc.	P.O. Box 150539	Brooklyn	NY	11215-0539	05/11/02	N/A
180	8	81 HUDSON STREET	1 Harrison Street	Celia Paleologos	P.O. Box 331182	Miami	Fl	33233-1182	05/11/02	N/A
279	23	24 JAMES STREET		CDY Corp. c/o American Eminence	P.O. Box 130196	New York	NY	10013-0986	05/01/02	N/A
116	49	25 JAMES STREET	37-41 Saint James Place	Saint James Church	23 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
116	48	31 JAMES STREET	33 James Street	Linda Young	166-14 16th Road	Whitestone	NY	11357-3303	05/01/02	N/A
279	25	32 JAMES STREET		Saint James Church	23 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
143	7501	10 JAY STREET	8 Jay Street	Eddie Thunderbird	25 West 45 Street	New York	NY	10036	05/11/02	N/A
180	12	9 JAY STREET	2 Staple Street	Zoran Ladicorbic	1786 Trade Center Way	Naples	Fl	34109-1804	05/18/02	N/A
180	7503	11 JAY STREET		11 Jay Street Owners Corp.	11 Jay Street	New York	NY	10013-2847	05/11/02	N/A
180	14	13 JAY STREET		Jay Housing Corp. c/o R. Ewingste	13 Jay Street	New York	NY	10013-2848	05/11/02	N/A
143	25	14 JAY STREET		14 Jay Street Owners Corp.	14 Jay Street	New York	NY	10013-2849	05/11/02	N/A
180	15	15 JAY STREET		Vito Di Tomaso	15 Jay Street	New York	NY	10013	05/11/02	N/A
143	7503	18 JAY STREET	16 Jay Street	Building Owner/Management	18 Jay Street	New York	NY	10013	05/11/02	N/A
180	7505	17 JAY STREET		Building Owner/Management	17 Jay Street	New York	NY	10013	05/11/02	N/A
180	17	19 JAY STREET		Mark Tarlov	19 Jay Street	New York	NY	10013-2818	05/11/02	N/A
65	20	12 JOHN STREET		c/o Transworld Equities	21 West 19th Street	New York	NY	10011	09/28/02	Completed
79	14	15 JOHN STREET		Sung & Co., P.C.	6-8 Bowery, 6th Floor	New York	NY	10013	08/17/02	Completed
79	10	17 JOHN STREET		17 John Street LLC c/o Metro	17 John Street	New York	NY	10038-40110	10/07/02	Completed
65	22	20 JOHN STREET		Century Realty Inc.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	10/17/02	Completed
65	24	24 JOHN STREET		6645 John Realty LLC c/o Steven C	1981 Marcus Avenue, Suit	Lake Success	NY	11042	10/18/02	Completed
78	35	39 JOHN STREET	72-78 Nassau Street	Galb-Realty Associates c/o David E	113 Cedar Street	New York	NY	10006-1061	11/11/02	Completed
78	7502	41 JOHN STREET	43 John Street	Building Owner/Management	41-43 John Street	New York	NY	1075701	09/14/02	Completed
67	30	44 JOHN STREET		Old John Street United Methodist C	44 John Street	New York	NY	10038-3714	09/14/02	Completed
78	28	45 JOHN STREET	1-5 Dutch Street	Collegiate Church	45 John Street	New York	NY	10038-3706	02/16/02	N/A
67	1	66 JOHN STREET	59 Maiden Lane, 41-65 Maiden Lane/ 85-105 William Street	59 Maiden Lane Associates c/o Ne	594 Broadway, Room 311	New York	NY	10012	11/13/02	N/A Samples(-)
68	33	80 JOHN STREET	19-25 Gold Street, 25-27 Platt Street	WSA Equities LLC c/o Fredric Olive	100 Ring Road West	Garden City	NY	11530-3205	02/16/02	N/A
77	1	85 JOHN STREET	27-31 Gold Street	Henry 85 LLC c/o Kibel Manageme	85 John Street	New York	NY	10038	02/16/02	N/A
69	7502	90 JOHN STREET	15-23 Platt Street, 20-24 Gold Street	Newmark Co.	90 John Street	New York	NY	10036-4011	08/28/02	Cleaned

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
69	7502	100 JOHN STREET	15-23 Platt Street, 20-24 Gold Street	Mazal Group A Limited LIA Co. c/o	120 West 44 Street	New York	NY	10036-4011	02/15/02	N/A
76	11	99 JOHN STREET		Rockrose Development Corp.	290 Park Avenue South	New York	NY	10010	05/24/02	N/A
69	50	102 JOHN STREET		Mazal Group A Limited Lia Co. c/o	120 West 44th Street	New York	NY	10036-4011	03/02/02	No Access
75	30	103 JOHN STREET	111 John Street, 103-119 John St. 239-241 Pearl St., 2-16 Cliff St.	111 John Realty Corp.	160 Broadway	New York	NY	10038-4201	02/20/02	N/A
69	51	104 JOHN STREET		Mazal Group A Limited Lia Co. c/o	120 West 44th Street	New York	NY	10036-4011	05/24/02	N/A
69	53	110 JOHN STREET		Mazal Group A Limited Lia Co. c/o	120 West 44th Street	New York	NY	10036-4011	05/24/02	N/A
69	54	112 JOHN STREET		112 John Street, LLC.	10 Fulton Fish Market	New York	NY	10038-1903	03/23/02	Cleaned
69	32	116 JOHN STREET	1 Platt St., 114-120 John Street	Hacienda Inter/ Etc. c/o Williamson	116 John Street	New York	NY	10038	02/20/02	N/A
75	1	127 JOHN STREET	200 Water Street, 240-266 Pearl St., 182-202 Water St	127 John Street Realty LLC A Sing	290 Park Avenue South	New York	NY	10010	05/24/02	N/A
75	9	133 JOHN STREET		J & R Realty Group Ltd. C/o Micha	855 6th Avenue	New York	NY	10001-4105	04/27/02	N/A
75	8	135 JOHN STREET		Mary Chiros	223-15 57th Avenue	Oakland Gardens	NY	11364	04/27/02	N/A
72	7501	170 JOHN STREET	86 South Street, Yankee Clipper	Ships Chandlery Condominium c/o	270 Lafayette Street	New York	NY	10012-3327	04/20/02	N/A
177	4	51 LEONARD STREET	51-53 Leonard Street	51 53 leonard Street c/o Black Cre	518 17th Street	Denver	CO	80202	05/17/02	N/A
176	25	54 LEONARD STREET		54 Leonard Street Corp. c/o Elchne	545 Madison Avenue	New York	NY	10022-4219	05/17/02	N/A
177	6	55 LEONARD STREET		Herbert Rosenfield	45 Gramercy Park North	New York	NY	10010-6345	05/17/02	N/A
176	26	56 LEONARD STREET		Building Owner/Management	56 Leonard Street	New York	NY	10013	05/17/02	N/A
177	5	57 LEONARD STREET		Leonard Associates	57 Leonard Street	New York	NY	10013-2919	05/17/02	N/A
177	2	59 LEONARD STREET	250 Church Street, 99-101 Franklin Street	250 Church Group LLC	110 East 59th Street	New York	NY	10022-1304	05/17/02	N/A
62	7501	1 LIBERTY PLAZA	165 Broadway, 149-171 Broadway, 1-15 Church St, 1-27 Cortlandt/	WFP One Liberty Plaza Co LP	165 Broadway	New York	NY	10006-1404	01/25/02	N/A
66	1	33 LIBERTY STREET	44 Maiden Lane, 28-62 Maiden Lane, 42-54 Nassau St, 79-83 William Street	Federal Reserve Bank	33 Liberty Street	New York	NY	10045-1003	07/19/02	Completed
64	8	55 LIBERTY STREET	1 Liberty Place, 41-47 Nassau Street	55 Liberty Owners Corp. c/o Coope	6 East 43rd Street	Riverdale	NY	10017	10/28/02	Started (on hol
64	9	59 LIBERTY STREET	2 Liberty Place	International Commercial Bank of C	65 Liberty Street	New York	NY	10005-1018	02/15/02	N/A
64	10	67 LIBERTY STREET		Pomegranate Properties, Inc. c/o I	403 East 62nd Street	New York	NY	10005	03/11/02	Cleaned
52	7501	110 LIBERTY STREET	113 Cedar St., 113-117 Cedar St.	David Baldwin Realty Co., Inc., c/o	113-117 Cedar Street, Suit	New York	NY	10006	07/21/02	Completed
52	7502	114 LIBERTY STREET	119 Cedar St., 119-121 Cedar Street	114 Liberty Condominium c/o A.S.	129 Charles Street	New York	NY	10014	07/21/02	Completed
52	21	120 LIBERTY STREET	125 Cedar Street	120 LIBERTY ST. LLC	97-77 Queens Boulevard	Flushing	NY	11374	10/18/02	Completed
16	120	200 LIBERTY STREET	1 World Financial Center	WFP Tower A Co LP c/o Olympia &	237 Park Avenue	New York	NY	10017-3140	04/15/02	Cleaned
16	125	225 LIBERTY STREET	2 World Financial Center	Olympia & York Tower B Company	165 Liberty Street	New York	NY	10006-1024	04/15/02	Cleaned
116	42	25 MADISON STREET	27 Saint James Place, 29 Saint James Place	Peter's Madison Street Grocery	25 Madison Street	New York	NY	10038-1230	05/01/02	N/A
116	43	27 MADISON STREET	35 St. James Place, 33 Madison Street, 27-29 Madison	Vanella Realty Corp.	29 Madison Street	New York	NY	10038-1230	05/01/02	N/A
116	43	27 MADISON STREET	27 Madison St., 27 1/2 Madison Street, 31-39 Madiso	Vanella Realty Corp.	29 Madison Street	New York	NY	10038-1230	05/01/02	N/A
116	43	27 MADISON STREET	31 St. James Place, 27 Madison St., 31 St. James Pl.	Vanella Realty Corp.	29 Madison Street	New York	NY	10038-1230	05/01/02	N/A
116	43	27 MADISON STREET	33 Saint James Place, 31 Madison Avenue	Vanella Realty Corp.	29 Madison Street	New York	NY	10038-1230	05/01/02	N/A
116	43	27 MADISON STREET		Vanella Realty Corp.	29 Madison Street	New York	NY	10038-1230	05/01/02	N/A
116	46	35 MADISON STREET		Venella Realty Corp.	29 Madison Street	New York	NY	10038-1230	05/01/02	N/A
116	47	37 MADISON STREET	35-37 James Street	Foodman Real Estate c/o Ngar Yin	35-37 James Street	New York	NY	10038	05/01/02	N/A
279	29	39 MADISON STREET		Building Owner/Management	39 Madison Street	New York	NY	10038	05/01/02	N/A
279	29	39 MADISON STREET		Building Owner/Management	39 Madison Street	New York	NY	10038	05/01/02	N/A
279	29	39 MADISON STREET		Building Owner/Management	39 Madison Street	New York	NY	10038	05/01/02	N/A
279	29	39 MADISON STREET		Building Owner/Management	39 Madison Street	New York	NY	10038	05/01/02	N/A
279	1	47 MADISON STREET	49 Madison Street	Saint James Church	23 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
65	10	9 MAIDEN LANE	13 Maiden Lane, 11 Maiden Lane	9-11 Maiden Lane LLC, c/o DSA M	335 East 10th Street	New York	NY	10009-5032	09/18/02	Completed
64	21	10 MAIDEN LANE	12 Maiden Lane	10-12 Maiden Lane LLC c/o SERIL	330 West 58th Street #513	New York	NY	10019-1818	07/21/02	Completed
64	23	14 MAIDEN LANE		Barry Stempel	310 5th Avenue	New York	NY	10001-3605	05/15/02	Cleaned
65	7	15 MAIDEN LANE	18 John Street	Relide Realty Co. c/o Heller Proper	15 Maiden Lane	New York	NY	10038-4003	10/19/02	Completed
64	24	16 MAIDEN LANE		Building Owner/Management	16 Maiden Lane	New York	NY	10038	03/02/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
64	1	20 MAIDEN LANE	51 Nassau Street	20 Maiden Lane Associates	6908 Ditmars Boulevard	East Elmhurst	NY	11370	07/15/02	Cleaned
65	6	21 MAIDEN LANE		21-23 Maiden Lane Realty	111 East 14th Street,PMB	New York	NY	10003	10/22/02	Completed
64	2	22 MAIDEN LANE		Windsor Place Corp.	640 5th Avenue	New York	NY	10019-6102	07/20/02	Completed
65	4	25 MAIDEN LANE	57-61 Nassau St.	Cedar Management Corp.	20 Vesey Street	New York	NY	10007-2913	09/20/02	Completed
68	11	75 MAIDEN LANE	9-11 Gold Street	75 Maiden Lane LLC c/o Jack Con	80/90 Maiden Lane	New York	NY	10038	09/06/02	Completed
42	31	80 MAIDEN LANE	13-27 Cedar Street	80 Maiden Lane LLC c/o The Witko	220 East 42nd Street	New York	NY	10017-5806	11/18/02	Ongoing
68	7	83 MAIDEN LANE	1 Gold Street	83 Maiden Lane Assoc.	1140 Ave. of the Americas	New York	NY	10036	09/07/02	Completed
68	18	95 MAIDEN LANE	2-8 Gold Street	Federal Reserve Bank	33 Liberty Street	New York	NY	10045-1003	10/27/02	Completed
42	36	90 MAIDEN LANE	9-11 Cedar Street	AM Property Holding Co.	352 7th Avenue	New York	NY	10001-5012	07/07/02	Completed
42	1	100 MAIDEN LANE	187-197 Pearl St, 1-7 Cedar St	Mitchel Sekler, Caldwalader Wicke	100 Maiden Lane	New York	NY	10038-4818	02/20/02	N/A
69	14	99 MAIDEN LANE		Nine Montague Terrace Corp.	P.O. Box 40333	Washington	DC	20016-0333	02/19/02	N/A
68	10	101 MAIDEN LANE	201-203 Pearl Street	Colliers ABR as Agent for 101 Mai	40 East 52nd Street	New York	NY	10022	09/09/02	Completed
37	23	180 MAIDEN LANE	90-100 Pine St, 71 South St., 73 South St.	Maiden Lane LP c/o Paramount Gr	180 Maiden Lane	New York	NY	10038-4925	04/13/02	N/A
72	7	159 MAIDEN LANE		Building Owner/Management	159 Maiden Lane	New York	NY	10038	05/25/02	N/A
72	2	161 MAIDEN LANE	77 South St., 76 South St., 39-45 Fletcher Street	Building Owner c/o Goodrich Mana	560 Sylvan Avenue	Englewood Cliffs	NJ	07632	05/25/02	N/A
124	21	6 MURRAY STREET		Nevine Properties	38 West 34th Street	New York	NY	10001	03/05/02	N/A
134	1	15 MURRAY STREET	9 - 15 Murray Street	Murray Street Realty Associates LT	40 West 57th Street	New York	NY	10019-4001	03/22/02	Cleaned
134	6	19 MURRAY STREET		17 Murray Street Corp.	17 Murray Street	New York	NY	10007-2200	01/27/02	N/A
124	7501	18 MURRAY STREET		Si Jie Mie Inc.	6 Bowery	New York	NY	10013	03/22/02	Cleaned
134	7	21 MURRAY STREET		125 Church Street Development C	2700 Grand Avenue	Bellmore	NY	11710-3500	05/25/02	N/A
134	8	23 MURRAY STREET		125 Church Street Development C	2700 Grand Avenue	Bellmore	NY	11710-3500	05/25/02	N/A
134	9	25 MURRAY STREET		125 Church Street Development C	2700 Grand Avenue	Bellmore	NY	11710-3500	05/25/02	N/A
133	7504	37 MURRAY STREET		Heller Properties c/o Sara Weiss	37 Murray Street	New York	NY	10007-2230	02/27/02	N/A
133	7501	41 MURRAY STREET	41 & 43 Murray Street	M&A Residences Inc. c/o Andrews	666 Broadway	New York	NY	10012-2317	07/13/02	Completed
133	7	45 MURRAY STREET		Chi Tien Lui	45 Murray Street	New York	NY	10007-2201	08/17/02	Completed
133	8	47 MURRAY STREET		47 Murray Street Associates Inc. c/	1000 Franklin Avenue	Garden City	NY	11530	08/31/02	Completed
133	7503	49 MURRAY STREET		49 Murray House Condominium c/o	233 Broadway, Suite 2701	New York	NY	10279	07/13/02	Completed
133	10	51 MURRAY STREET		51 United Corp.	P.O. Box 1646, Bowling G	New York	NY	10274-1646	07/13/02	Completed
133	11	53 MURRAY STREET		53 Murray LLC c/o Continental Wo	225 West 39 Street	New York	NY	10018-3103	07/13/02	Completed
133	15	59 MURRAY STREET	61-75 West Broadway/ 59 Warren St., 61 Warren St., 73 West Broadway, 57 Murray Street	Murray Warren Associates LLC c/o	375 Park Avenue	New York	NY	10152-0002	09/28/02	Completed
132	1	65 MURRAY STREET	62-70 West Broadway	Westbroad Company	277 Broadway	New York	NY	10007	03/05/02	N/A
132	2	67 MURRAY STREET		Brady Properties LTD	67 Murray Street	New York	NY	10007-2126	03/22/02	Cleaned
132	3	69 MURRAY STREET		69 Murray Housing Corp.	69 Murray St.	New York	NY	10007-2136	01/26/02	N/A
132	7503	71 MURRAY STREET		Bellmarc Property Mangement	352 Park Ave So., 9th Floo	New York	NY	10010	01/26/02	N/A
132	6	75 MURRAY STREET	Former Hopkins Store	George Aprile c/o Bogardus Inc.	75 Murray Street	New York	NY	10007	08/10/02	Completed
132	7	77 MURRAY STREET		New York City Transit Authority	370 Jay Street	Brooklyn	NY	11201-3814	08/06/02	Cleaned
132	9	81 MURRAY STREET		Boxflash Castle Inc.	81 Murray Street	New York	NY	10007-2115	02/26/02	Cleaned
132	7504	83 MURRAY STREET		83 Murray Condominium c/o Advan	25 West 45th Street, Suite	New York	NY	10036	02/26/02	Cleaned
142	100	101 MURRAY STREET	169-173 West Street	The Insurance Society of New York	101 Murray Street	New York	NY	10007-2132	01/24/02	Cleaned
44	1	26 NASSAU STREET	1 Chase Manhattan Plaza, 16-48 Liberty St, 28-44 Pine Street	Chase Manhattan bank NA	1 Chase Manhattan Plaza	New York	NY	10005-1401	02/15/02	N/A
64	7	49 NASSAU STREET		Trudel Food Stores Inc. c/o Lori Ze	2270 Broadway	New York	NY	10024-5429	07/06/02	Completed
64	5	53 NASSAU STREET		Century Realty Inc.	140 Fulton Street- 5th Floo	New York	NY	10038-2500	07/06/02	Completed
64	4	55 NASSAU STREET	24 Maiden Lane, 24-26 Maiden Lane	Harry Morgenstern	561 East Penn Street	Long Beach	NY	11561-3725	10/11/02	Completed
67	23	56 NASSAU STREET	33 Maiden Lane, 29-39 Maiden Lane/32-40 John St/ 1 Federal Reserve Plaza		33 Maiden Lane	New York	NY	10045-0001	02/15/02	N/A
65	2	63 NASSAU STREET		Ullman Realty Co.	2 John Street	New York	NY	10038	09/20/02	Completed
65	7501	65 NASSAU STREET	28-30 John St	65 Nassau Owners Corp. c/o Paler	16 Court Street	Brooklyn	NY	11241-0102	07/10/02	Cleaned

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
79	8	73 NASSAU STREET	29 John Street, 25-31 John Street	YSGRL Partnership	29 John Street	New York	NY	10038-4005	02/20/02	N/A
79	6	75 NASSAU STREET		Century Realty Inc.	140 Fulton Street, 5th Floo	New York	NY	10038	08/28/02	Cleaned
79	4	81 NASSAU STREET	81 Nassau Street	Century Realty Inc.	140 Fulton Street	New York	NY	10038-2500	02/20/02	N/A
78	7503	80 NASSAU STREET	80-84 Nassau St	Robert Kantor/Nassau Street Equit	55 Fifth Avenue	New York	NY	10003-4301	07/17/02	Completed
79	3	83 NASSAU STREET		New York and Co.	83 Nassau Street	New York	NY	10038	11/03/02	Completed
79	2	85 NASSAU STREET		Chehebar Associates LLC	1000 Pennsylvania Avenue	Brooklyn	NY	11207-8417	11/03/02	Completed
78	40	86 NASSAU STREET		HBS Equities LLC	80 Nassau Street	New York	NY	10038-3726	07/14/02	Completed
78	41	86.5 NASSAU STREET		Hon. Edward R. Finch	862 Park Avenue	New York	NY	10021	07/15/02	Completed
79	1	87 NASSAU STREET	126-136 Fulton St.	Koeppel Companies LLC c/o Bewa	575 Lexington Avenue, 29	New York	NY	10004-1703	09/23/02	Completed
78	42	88 NASSAU STREET		Michael Pildes et al	160 Legrand Avenue	Northvale	NJ	07647-2403	07/14/02	Completed
78	43	90 NASSAU STREET	124 Fulton Street	90 Nassau Street LLC	140 Fulton Street	New York	NY	10038-2500	05/24/02	N/A
89	1	93 NASSAU STREET	135-139 Fulton Street, 28-34 Ann Street	SCPOG, Inc.	139 Fulton Street	New York	NY	10038	02/19/02	Facade
91	13	94 NASSAU STREET	129 Fulton St., 40 Ann St., 129-133 Fulton St.	Coalition for the Homeless attn. Ma	89 Chambers Street, 3rd F	New York	NY	10007	08/21/02	Completed
90	7502	105 NASSAU STREET	25 Ann Street	Milas LLC c/o Andrews Building Co	666 Broadway	New York	NY	10012	02/19/02	N/A
90	18	111 NASSAU STREET	4 Theater Alley	Jamidaro Partners c/o Pilades Bros	111 Nassau Street	New York	NY	10038	06/30/02	Completed
92	24	116 NASSAU STREET	45 Ann St	Abacus Federal Savings Bank	6-8 Bowery	New York	NY	10013	06/30/02	Completed
90	17	113 NASSAU STREET	6 Theater Alley	Helen L Realty Corp c/o Michael Le	83 Woodward Avenue	Staten Island	NY	10314-6816	10/02/02	Completed
90	16	115 NASSAU STREET	No Building, Demolition Occurred						03/05/02	N/A
92	26	118 NASSAU STREET		Vincent Mazzola	5 Beaver Creek Ct	Manalapan	NJ	07726-5025	06/30/02	Completed
92	27	120 NASSAU STREET		Mizrachi Realty Corp.	868 East 8th Street	Brooklyn	NY	11230-2708	06/30/02	Completed
92	28	122 NASSAU STREET		Century Realty Inc.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	06/28/02	Completed
92	29	124 NASSAU STREET		Mr. Arnold Schwartz c/o Franc-Mer	688 Avenue of the Americ	New York	NY	10010-0002	06/30/02	Completed
92	30	126 NASSAU STREET	13 Beekman St	J W Realty Co.	15 Maiden Lane	New York	NY	10038-5114	02/16/02	N/A
100	26	138 NASSAU STREET							03/04/02	N/A
100	3	150 NASSAU STREET	2-6 Spruce St	Building Owner/ Building Manager	150 Nassau Street	New York	NY	10038	07/10/02	Cleaned
102	1	154 NASSAU STREET	1 Pace Plaza/1-41 Spruce St/87-103 Gold	Pace University c/o Comptrollers	1 Pace Plaza	New York	NY	10038-1502	02/15/02	N/A
24	19	42 NEW STREET	44 New Street	Cushman & Wakefield, Inc.	44 New Street	New York	NY	10004	07/28/02	Completed
0	0	NORTH END AVENUE	Vacant Land, Murray St., Warren St., N.End next to 22 River Terrace						01/29/02	N/A
0	0	NORTH END AVENUE	Vacant Land, Murray St, Vesey St., River Terrace						01/27/02	N/A
16	225	1 NORTH END AVENUE	4 River Terrace, 60 Vesey Street	Battery Park City	North End Avenue	New York	NY	10281	01/27/02	N/A
16	7512	102 NORTH END AVENUE	Embassy Suites	BPC HOTEL LLC	102 North End Avenue	New York	NY	10007	02/27/02	Cleaned
16	221	450 NORTH END AVENUE	Tribeca Bridge Tower	Tribees North End LLC c/o Glenwo	1200 Union Tpke	New Hyde Park	NY	11040	01/27/02	N/A
16	205	455 NORTH END AVENUE	The Landmark	Department of Business Services d	455 North End Avenue, Su	New York	NY	10282	01/27/02	N/A
34	37	100 OLD SLIP	NYC Police Department Museum	City Wide Administrative Services	1 Centre Street	New York	NY	10007-1602	04/27/02	N/A
279	68	2 OLIVER STREET		Mariners Temple Etc	12 Oliver Street	New York	NY	10038-1045	05/01/02	N/A
279	14	9 OLIVER STREET		Richard Wong	9 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	13	11 OLIVER STREET		MEI Shun Inc.	14 Monroe Street	New York	NY	10002-7621	05/01/02	N/A
279	69	12 OLIVER STREET	3 Henry Street	Mariners Temple Baptist Church	3 Henry Street	New York	NY	10038	05/01/02	N/A
279	12	13 OLIVER STREET		Wong Shin LLC	17-23 East Broadway	New York	NY	10002	05/01/02	N/A
279	11	15 OLIVER STREET		James C. W. Moy	15 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	10	17 OLIVER STREET		Ms. Lilly Eng	17 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	9	19 OLIVER STREET		Harry G. Lew	11 Mott Street	New York	NY	10013	05/01/02	N/A
279	8	21 OLIVER STREET		Saint James Church	23 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	6	23 OLIVER STREET		Saint James Church	23 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	105	25 OLIVER STREET		Saint James Church	23 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	105	25 OLIVER STREET	25-Rear Oliver St	Saint James Church	23 Oliver Street	New York	NY	10038-1044	05/01/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
279	5	27 OLIVER STREET		Todd N. Dalland	27 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	7501	29 OLIVER STREET		Jia Zhong Dong	29 Oliver Street	New York	NY	10038-1054	05/01/02	N/A
279	2	31 OLIVER STREET	33 Oliver Street, 53 Madison Street, 51-57 Madison Street	31-33 Oliver Street Associates	100 Cedarhurst Avenue, 2	Cedarhurst	NY	11516	05/01/02	N/A
124	4	9 PARK PLACE	8-12 Murray St.	11 Park Place Associates c/o Willia	380 Madison Avenue	New York	NY	10017-2513	03/05/02	N/A
124	7	17 PARK PLACE	14 Murray St	Aztec Associates	430 West Broadway	New York	NY	10012-3784	01/27/02	N/A
124	8	19 PARK PLACE	16 Murray Street	Lee Tai Enterprises USA Ltd. c/o K	420 Madison Avenue, Suit	New York	NY	10017	07/03/02	Completed
124	9	21 PARK PLACE	Tents & Trails	21 Park Place Realty Inc.	21 Park Pl	New York	NY	10007-2508	01/27/02	N/A
123	18	22 PARK PLACE	WOOLWORTH BLDG.	233 Broadway Owners LLC	220 East 42 Street	New York	NY	10017-5806	05/15/02	Façade
124	10	23 PARK PLACE	20 Murray St	Park Murray Assoc.	23 Park Place	New York	NY	10007	01/27/02	N/A
124	11	25 PARK PLACE	22 Murray St	11 Park Place Associates c/o Willia	380 Madison Avenue	New York	NY	10017	05/28/02	N/A
126	2	33 PARK PLACE	110 Church Street, 50 Murray Street	Lionshead 110 Development LLC	150 East 58th Street	New York	NY	10155	09/10/02	Cleaned
126	8	43 PARK PLACE		Key Park Place Corp. c/o Wellbilt E	65 Roosevelt Avenue	Valley Stream	NY	11581	10/01/02	Completed
126	9	45 PARK PLACE		Howard Waltman as Trustee U/I St	85 East End Avenue	New York	NY	10028	10/28/02	Completed
126	13	53 PARK PLACE	60-62 Murray Street/41-51 West Broadway	53 Park Place LLC c/o ZAR Realty	100 Church Street	New York	NY	10007-2601	02/24/02	Cleaned
90	1	1 PARK ROW	1-11 Ann St	Building Owner/Management	1 Park Row	New York	NY	10038	10/17/02	Roof
90	7501	15 PARK ROW		J&D Apartments LLC attn. Joseph	80 Broad Street	New York	NY		10/17/02	R/F
90	7	23 PARK ROW	5 Theater Alley	Rachel Friedensohn	23 Park Row	New York	NY	10038-2302	10/17/02	Cleaned
90	7	27 PARK ROW		Rachel Friedensohn	23 Park Row	New York	NY	10038-2302	10/17/02	Cleaned
90	10	29 PARK ROW	7 Theater Alley	Weinstein & Holtzman, Inc.	29 Park Row	New York	NY	10038-2304	11/18/02	Ongoing
90	11	31 PARK ROW	32 Park Row, 9 Theater Alley	J & R Electronics Inc.	23 Park Row	New York	NY	10038-2302	04/13/02	Cleaned
90	12	33 PARK ROW		Sharonam Assoc. Inc. c/o Mr. Aller	1 Beekman Street	New York	NY	10038-2203	04/13/02	Cleaned
90	13	34 PARK ROW	1 Beekman Street	Sharonam Assoc. Inc. c/o Park Ro	1 Beekman Street	New York	NY	10038-2203	09/25/02	Completed
101	1	36 PARK ROW		Building Owner/Management	36 Park Row	New York	NY	10038	02/15/02	N/A
101	2	41 PARK ROW		Pace University c/o Comptrollers	1 Pace Plaza	New York	NY	10038-1502	02/15/02	N/A
101	2	41 PARK ROW	1 Pace Plaza	Pace University c/o Comptrollers	1 Pace Plaza	New York	NY	10038-1502	02/15/02	N/A
8	39	32 PEARL STREET	1 Moore St	Water & Pearl Land LLC	6 Water Street	New York	NY	10004-2113	03/07/02	N/A
7	37	58 PEARL STREET		Sons of the Revolution	54 Pearl Street	New York	NY	10004-2429	04/13/02	N/A
7	38	60 PEARL STREET		Kraj Realty, Inc.	26 West 37th Street	New York	NY	10018-7401	04/13/02	N/A
30	3	76 PEARL STREET		Pearl Street Holding LLC	475 Park Avenue South	New York	NY	10016-6901	04/13/02	N/A
30	4	78 PEARL STREET		Water Pearl Associates LLC.	335 Madison Avenue	New York	NY	10017-4611	04/27/02	N/A
30	5	80 PEARL STREET	46-48 Water Street	Water Pearl Associates LLC	335 Madison Avenue	New York	NY	10017-4611	04/13/02	N/A
31	10	126 PEARL STREET		Longford Realty	80 Beaver Street	New York	NY	10005-2803	04/16/02	N/A
39	6	160 PEARL STREET		Dror David Kahn	1417 East 12th Street	Brooklyn	NY	11230-6605	04/13/02	N/A
68	7501	205 PEARL STREET		Cooper Square Realty, Inc.	6 East 43rd Street- 14th Fl	New York	NY	10017	09/15/02	Completed
69	6	211 PEARL STREET		Chicago 4, LLC c/o Belkin BW & G	6 East 43rd Street- 14th Fl	New York	NY	10017	09/14/02	Completed
70	20	212 PEARL STREET		Alexander Gellos	144-36 29th Avenue	Flushing	NY	11354	09/15/02	Completed
69	5	213 PEARL STREET		213 Pearl St Realty Corp. c/o Nich	19 Beaver Drive	Bayville	NY	11709-1001	09/14/02	Completed
68	4	215 PEARL STREET		Atlanta 3 LLC c/o Cooper Square R	6 East 43rd Street- 14th Fl	New York	NY	10022-6837	09/14/02	Completed
106	7502	324 PEARL STREET	The Bindery	Pearl St. Assoc	169 W 80th Street	New York	NY	10024-7173	02/15/02	N/A
106	7501	330 PEARL STREET		John Milich	330 Pearl Street	New York	NY	10038-1615	02/15/02	N/A
106	20	334 PEARL STREET	332 Pearl Street	Building Owner/Management	332-334 Pearl Street	New York	NY	10038	05/24/02	N/A
106	9	1 PECK SLIP	Peck Slip Post Office, 1-19 Peck Slip	US Postal Service	26 Federal Plaza	New York	NY	10278-0004	04/26/02	N/A
107	42	23 PECK SLIP	261 Water Street, 261-263 Water Street, 253-259 Wate	Peck Slip Associates	P.O. Box 148	East Meadow	NY	11554-0148	04/20/02	N/A
107	42	23 PECK SLIP	21 Peck Slip, 253-259 Water Street, 261-263 Water Str	Peck Slip Associates	P.O. Box 148	East Meadow	NY	11554-0148	04/20/02	N/A
107	40	25 PECK SLIP	25-27 Peck Slip	Peck Wall Associates	63 Wall Street	New York	NY	10005-3013	04/20/02	N/A
107	38	33 PECK SLIP	238 Front Street, 240 Front Street	The Trust Co. of New Jersey	35 Journal Square	Jersey City	NJ	07306-4011	04/20/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
107	38	29 PECK SLIP	31 Peck Slip, 238 Front Street, 33 Peck Slip	The Trust Co. of New Jersey	35 Journal Square	Jersey City	NJ	07306-4011	04/20/02	N/A
107	38	29 PECK SLIP		The Trust Co. of New Jersey	35 Journal Square	Jersey City	NJ	07306-4011	04/20/02	N/A
97	31	40 PECK SLIP		Peck Slip Realty Inc	431 Flint Street	Staten Island	NY	10306-4042	04/26/02	N/A
107	10	45 PECK SLIP		Building Owner/Contractor	45 Peck Slip	New York	NY		05/25/02	N/A
36	25	PIER AT WALL ST. & SOUTH	Wall Street Racquet Club	Building Owner/Management	Wall Street Racquet Club	New York	NY		08/31/02	Cleaned
44	8	18 PINE STREET	14-24 Nassau Street	52 Habitat	110 East 59th Street	New York	NY	10022-1308	02/15/02	N/A
41	7501	50 PINE STREET		50 Pine Street Partners c/o Amran	208 West 30 Street	New York	NY	10001-4907	11/07/02	Roof
41	7502	54 PINE STREET		Jan Weissberg c/o TJK LP	54 Pine Street, Suite 5	New York	NY	10005-1508	02/21/02	N/A
41	19	56 PINE STREET	26-28 Cedar Street/ Cambridge Club	Cambridge Management	419 Park Avenue South	New York	NY	10016-8410	06/20/02	N/A
41	15	60 PINE STREET	20-24 Cedar Street	Downtown Association	60 Pine Street	New York	NY	10005-1501	07/14/02	Completed
41	1	70 PINE STREET	2/18 Cedar St.,171-185 Pearl Street	American Internation Realty, Acct	72 Wall Street	New York	NY	10005-2800	02/19/02	N/A
39	12	80 PINE STREET	110-134 Maiden Lane, 172-182 Pearl Street, 1 Wall Street Plaza	80 Pine LLC c/o Rudin Managemer	345 Park Avenue	New York	NY	10154-0004	02/16/02	N/A
38	17	88 PINE STREET	135-153 Water St, 136-154 Front St, 138-144 Maiden La	Orient Overseas Assoc. c/o Cushm	88 Pine Street	New York	NY	10005-1801	04/13/02	N/A
69	28	10 PLATT STREET		Ling Jiou Mountain Buddhist So	8 Warburton Avenue	Yonkers	NY	10701-2720	02/20/02	N/A
69	23	12 PLATT STREET	10 Gold St.	10 Gold LLC c/o Krame	919 Third Avenue	New York	NY	10022-3902	10/20/02	Completed
69	23	12 PLATT STREET	12 Gold St., 12-14 Gold St.	10 Gold LLC c/o Krame	919 Third Avenue	New York	NY	10022-3902	10/20/02	Completed
69	23	12 PLATT STREET	12 Platt St.	10 Gold LLC c/o Krame	919 Third Avenue	New York	NY	10022-3902	10/20/02	Completed
150	2	58 READE STREET	60 Reade St	58-60 Reade Street LLC attn. Fred	14 East 52nd Street	New York	NY	10022-5334	04/10/02	N/A
150	4	62 READE STREET		Follett Time Devices Inc.	62 Reade Street	New York	NY	10007-1808	04/10/02	N/A
150	5	64 READE STREET		Sea Realty	64 Reade Street	New York	NY	10007-1808	04/10/02	N/A
150	6	66 READE STREET	68 Reade Street	Hieber Reade St. LLC	314 Cambridge Avenue	Garden City	NY	11530-5419	04/10/02	N/A
150	7501	70 READE STREET	112 Duane St., 112-114 Duane Street	Building Owner/Management	70 Reade Street	New York	NY	10007	05/01/02	N/A
150	10	74 READE STREET		Reade St. Tenants Corp.	74 Reade Street	New York	NY	10007-1845	04/10/02	N/A
150	10	74 READE STREET	76 Reade St	Reade St. Tenants Corp.	74 Reade Street	New York	NY	10007-1845	04/10/02	N/A
150	12	78 READE STREET	78-82 Reade St., 175-177 Church St.,	Aurora Associates LLC.	430 West Broadway	New York	NY	10012-3784	05/01/02	N/A
146	1	92 READE STREET		Herbert Moskowitz	70 Lafayette Street	New York	NY	10013-4000	07/31/02	Completed
145	25	93 READE STREET		93 Reade Street Corp.	93 Reade Street	New York	NY	10013-3839	05/01/02	N/A
146	2	94 READE STREET		Herbert Moskowitz	70 Lafayette Street	New York	NY	10013-4000	07/31/02	Completed
146	7501	100 READE STREET	Tribeca Court	Byrn Management Group	100 Reade Street	New York	NY	10013	05/01/02	N/A
145	7504	97 READE STREET	101 Reade St, 99 Reade Street	Reade Court Condomimium	99 Reade Street	New York	NY	10013-3875	05/01/02	N/A
146	7503	104 READE STREET		104 108 Reade St. Associates	108 Reade Street	New York	NY	10013-3814	06/27/02	Completed
145	18	105 READE STREET	107 Reade St	Marvin Stahl	105 Reade Street	New York	NY	10013-3840	06/30/02	Completed
146	7503	104 READE STREET	106-108 Reade St	104-108 Reade Street Condominiu	108 Reade Street	New York	NY	10013	05/04/02	N/A
145	7503	109 READE STREET		First Reade Condo	109 Reade Street	New York	NY	10013-3863	06/30/02	Completed
146	10	110 READE STREET		Salim K Sayage	34 Melton Drive East	Rockville Center	NY	11570	07/13/02	Completed
145	16	111 READE STREET		Star of David Assoc c/o Cortlandt R	140 Fulton Street	New York	NY	10038-2522	07/13/02	Completed
146	11	112 READE STREET	109-113 West Broadway, 109 West Broadway	Cortlandt Realty Co.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	07/17/02	Completed
145	15	113 READE STREET	101-107 West Broadway, 107 West Broadway	107 West Broadway Realty Corp.	54 Canal Street	New York	NY	10002-6137	06/27/02	Completed
141	1	126 READE STREET	130 Reade St.,13-19 Hudson St.	Kevin & Stephen Corp. #A	325 Grove Street	New Milford	NJ	07646	05/01/02	N/A
141	2	134 READE STREET	136 Reade St	Kevin Stephen Corp.	19 Hudson Street	New York	NY	10013-3822	05/18/02	N/A
141	2	134 READE STREET		Kevin Stephen Corp.	19 Hudson Street	New York	NY	10013-3822	05/01/02	N/A
140	29	135 READE STREET		Bruce N. Barasky	3 Thomas Road	East Brunswick	NJ	08816	05/01/02	N/A
140	7503	137 READE STREET	143 Reade St., 139 Reade Street	Building Owner/Management	139 Reade Street	New York	NY	10013	05/01/02	N/A
141	4	138 READE STREET	142 1/2 Reade St	Whitman Oaks Inc.	142 Reade Street	New York	NY	10013-3834	05/01/02	N/A
141	4	138 READE STREET	142 Reade St	Whitman Oaks Inc.	142 Reade Street	New York	NY	10013-3834	05/01/02	N/A
141	7	144 READE STREET		Whitman Oaks Inc.	142 Reade Street	New York	NY	10013-3834	05/01/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
140	24	145 READE STREET		Vincent P. Branna c/o Securities C	33 Desbrosses Street	New York	NY	10013-1708	05/18/02	N/A
141	8	146 READE STREET		146 Reade St Corp	424 Madison avenue	New York	NY	10017-1106	05/01/02	N/A
141	9	148 READE STREET		Alfred M. Merrin	148 Reade Street	New York	NY	10013-3827	05/01/02	N/A
141	10	150 READE STREET	134 Reade Street, 136 Reade Street	Kevin Stephen Corp.	19 Hudson Street	New York	NY	10013-3822	05/18/02	N/A
141	11	152 READE STREET		Downtown Development LLC	75 Murray Street	New York	NY	10007-2112	05/01/02	N/A
141	12	154 READE STREET		Whitman Oaks Inc.	154 Reade Street	New York	NY	10013-3834	05/01/02	N/A
141	13	156 READE STREET		Sarah C. Barlett	156 Reade Street	New York	NY	10013-3827	05/01/02	N/A
141	114	158 READE STREET		Mannix Holdings LLC Corp.	158 Reade Street	New York	NY	10113-3827	05/01/02	N/A
16	7508	200 RECTOR PLACE	Liberty Court	Milford Management Corp.	155 East 31st Street	New York	NY	10016	05/18/02	Cleaned
16	70	225 RECTOR PLACE	210 South End Avenue	Battery Park City Athry	225 Rector Street	New York	NY	10280-1116	01/28/02	N/A
16	7506	280 RECTOR PLACE	295 West Thames Street, The Soundings	Soundings Condominiums c/o Brov	770 Lexington Ave.	New York	NY	10021-8165	01/28/02	N/A
16	7507	300 RECTOR PLACE		Douglas F. Bauer, c/o RY Manager	300 Rector St	New York	NY	10280-1451	01/28/02	N/A
16	80	333 RECTOR PLACE	213-215 South End Avenue, 327 Rector Place	Rockrose Dvlpmnt Corp	290 Park Avenue South	New York	NY	10010	10/07/02	Completed
16	7501	377 RECTOR PLACE	Liberty House	Milford Management Corp.	377 Rector Place	New York	NY	10280	01/28/02	N/A
16	7505	380 RECTOR PLACE	Liberty Terrace	Liberty Terrace Condo	380 Rector Pl	New York	NY	10280-1441	01/28/02	N/A
51	1	2 RECTOR STREET	56-66 Trinity Place, 91-101 Greenwich St	Rector Trinity Associates c/o Stella	156 Williams Street	New York	NY	10038-2609	06/18/02	Cleaned
19	24	5 RECTOR STREET	50-52 Trinity Place, 50 Trinity Place	50 Trinity LLC	P.O. Box 803	Katona	NY	10536	01/25/02	N/A
19	21	11 RECTOR STREET	87-89 Greenwich Street	Andrew J. Spyreas	7 Highland Farm Road	Greenwich	CT	06831-2605	06/01/02	Completed
18	27	19 RECTOR STREET	88 Greenwich St., 82-92 Greenwich Street, 87-97 Washington St	Black Diamonds LLC	675 3 Avenue, 6 Fl	New York	NY	10017	10/26/02	R/S
55	2	40 RECTOR STREET	30-40 Rector Street, 94-106 Washington St., 57-69 West Street	40 Rector Holdings LLC c/o Phillips	417 5th Avenue	New York	NY	10016-2204	01/26/02	N/A
17	27	33 RECTOR STREET	56 West Street	Richard Goldman c/oThe Goldman	110 Greene Street, 5th Flo	New York	NY	10012-3803	01/26/02	N/A
16	190	22 RIVER TERRACE	Park Place, Warren Street	Rockrose Development Corp. c.o M	22 River Terrace	New York	NY	10282	01/27/02	N/A
16	210	41 RIVER TERRACE	399 Chambers Street	Rockrose Development Corp. c.o M	290 Park avenue South	New York	NY	10010	01/27/02	N/A
16	7511	2 SOUTH END AVENUE		Cove Club Condo c/o Cooper Squa	2 South End Avenue	New York	NY	10280-1062	01/28/02	N/A
16	7509	21 SOUTH END AVENUE	300-390 South Thames Street, The Regatta	Brown, Harris, Stevens Residential	770 Lexington Ave.	New York	NY	10021	01/28/02	N/A
16	7503	250 SOUTH END AVENUE	Hudson View East Condominium	Hudson View E Condominium c/o F	1619 3rd Avenue	New York	NY	10128-3459	01/28/02	N/A
16	100	345 SOUTH END AVENUE	385 South End Avenue, Building #500	Marina Towers Assoc.	97-77 Queens Boulevard	Flushing	NY	11374-3317	01/28/02	N/A
16	100	345 SOUTH END AVENUE	345 South End Avenue, Building # 100	Marina Towers Assoc.	97-77 Queens Boulevard	Flushing	NY	11374-3317	01/28/02	N/A
16	100	345 SOUTH END AVENUE	365 South End Avenue, Building # 300	Marina Towers Assoc.	97-77 Queens Boulevard	Flushing	NY	11374-3317	01/28/02	N/A
16	100	345 SOUTH END AVENUE	365 South End Avenue, Building # 400	Marina Towers Assoc.	97-77 Queens Boulevard	Flushing	NY	11374-3317	02/27/02	Cleaned
16	100	345 SOUTH END AVENUE	355 South End Avenue, 200 Gateway Plaza	Marina Towers Assoc.	97-77 Queens Boulevard	Flushing	NY	11374-3317	01/28/02	N/A
16	100	345 SOUTH END AVENUE	395 South End Ave, Building # 600	Marina Towers Assoc.	97-77 Queens Boulevard	Flushing	NY	11374-3317	02/27/02	Cleaned
16	100	345 SOUTH END AVENUE	Parking Garage	Marina Towers Assoc.	97-77 Queens Boulevard	Flushing	NY	11374-3317		
3	10	1 SOUTH STREET		US Coast Guard	1 South Street	New York	NY	10004	05/18/02	N/A
2	1	4 SOUTH STREET	Staten Island Ferry Terminal	NYC Department of Transportation	40 Worth Street	New York	NY	10013-2904	06/17/02	N/A
2	1	10 SOUTH STREET	Staten Island Ferry Terminal	NYC Department of Transportation	40 Worth Street	New York	NY	10013-2904	06/17/02	N/A
5	7501	15 SOUTH STREET	2 New York Plaza, 125 Broad Street, 117-125 Broad St., 22 South Street	125 Broad Street Condomium	125 Broad Street	New York	NY	10004-2400	04/13/02	N/A
		18 SOUTH STREET	Fulton Fish Market, 19 South Street						05/25/02	N/A
		20 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
		21 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
		22 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
		23 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
6	1	24 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
6	1	25 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
6	1	26 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
6	1	27 SOUTH STREET	Fulton Fish Market						05/25/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
0	0	28 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
0	0	29 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
0	0	30 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
0	0	31 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
0	0	32 SOUTH STREET	Fulton Fish Market						05/25/02	N/A
0	0	33 SOUTH STREET		Ten Hanover LLC/ c/o The Witcoff	220 East 42nd Street	New York	NY	10017-5806	04/27/02	No Access
0	0	34 SOUTH STREET		Department of Business Services	Central Park 1 The Arsena	New York	NY		05/25/02	N/A
72	31	80 SOUTH STREET	44 Fletcher St., 83 SouthStreet, 82 South Street	80 South St LLC c/o Sciame	80 South Street	New York	NY	10038-4970	04/27/02	N/A
72	27	85 SOUTH STREET	84 South Street	Richard L. Grossman Family Limite	85 South Street	New York	NY	10038-4932	04/27/02	N/A
72	25	87 SOUTH STREET	178-180 John Street	National Land and Building Corpor	505 Main Street	Hackensack	NJ	07601-5925	05/18/02	N/A
74	1	89 SOUTH STREET	4 Fulton Street, 197 Front St., 14-18 Fulton St, 195 Fro	Sciame Development Inc.	89 South Street	New York	NY	10038	05/25/02	N/A
74	1	89 SOUTH STREET	92 South St., 2 Fulton St, 93 South St., 167-169 John S	Sciame Development Inc.	92 South Street	New York	NY	10038	05/25/02	N/A
74	1	89 SOUTH STREET	12 Fulton St, 8-10 Fulton St., 6 Fulton St, 4 Fulton St.	Sciame Development Inc.	12 Fulton Street	New York	NY	10038	05/25/02	N/A
74	1	89 SOUTH STREET	2 Fulton St., 93 South St., 167-169 John St., 171 John S	NYC Housing Preservation and De	100 Gold Street	New York	NY	10038-1605	05/25/02	N/A
74	1	89 SOUTH STREET	6 Fulton St., 4 Fulton St., 197 Front St. 14-18 Fulton St	Sciame Development Inc.	6 Fulton Street	New York	NY	10038	05/25/02	N/A
74	1	89 SOUTH STREET	16 Fulton St., 14 Fulton St., 14-18 Fulton St., 197 Fro	Sciame Development Inc.	14 Fulton Street	New York	NY	10038	05/25/02	N/A
74	1	89 SOUTH STREET	10 Fulton St., 8 Fulton St., 6 Fulton St., 4 Fulton St., 19	Sciame Development Inc.	8 Fulton Street	New York	NY	10038	04/13/02	No Access
74	1	89 SOUTH STREET	159 John St., 191 John St., 159-163 John St., 181 Fron	Sciame Development Inc.	89 South Street	New York	NY	10038	04/13/02	N/A
74	1	89 SOUTH STREET	191 Front Street, 193 Front St., 191 Front St., 189 Fron	Sciame Development Inc.	89 South Street	New York	NY	10038	04/13/02	N/A
74	1	89 SOUTH STREET	165 John Street, 12 Fulton St. 8-10 Fulton St., 6 Fulto	Sciame Development Inc.	89 South Street	New York	NY	10038	05/25/02	N/A
74	1	89 SOUTH STREET	167 John Street, 167-169 John St, 171 John St., 165 John St., 12 Fulton St.	Sciame Development Inc.	89 South Street	New York	NY	10038	04/27/02	N/A
74	1	89 SOUTH STREET	171 John Street, 165 John St, , 12 Fulton St., 8-10 Fulton St.	Sciame Development Inc.	89 South Street	New York	NY	10038	04/27/02	N/A
74	1	89 SOUTH STREET	193-195 Front Street, 191 Front St., 189 Front St., 181	Sciame Development Inc.	89 South Street	New York	NY	10038	04/27/02	N/A
73	10	89 SOUTH STREET	95 South Street, 89 South Street North Side	Harbour Lights Pier A	89 South Street Seaport	New York	NY	10038-3520	05/25/02	N/A
73	10	89 South Street North Side		Harbour Lights, Pier A	89 South Street Seaport	New York	NY	10038-3520	05/25/02	N/A
		90 SOUTH STREET		Building Owner/Management	90 South Street	New York	NY	10038	04/27/02	N/A
96	1	94 SOUTH STREET	11 Fulton St., 1-13 Fulton St., 97 South St., 99 South St	South St Seaport Partner	10275 Little Patuxent Park	Columbia	MD	21044-3412	05/25/02	N/A
97	10	106 SOUTH STREET		M. Slavin Sons Ltd.	31 Belmont Avenue	Brooklyn	NY	11212-6403	04/26/02	N/A
97	9	107 SOUTH STREET		South Street Seafood Corp.	107 South Street	New York	NY	10038-2014	04/26/02	N/A
97	8	108 SOUTH STREET		R & R 108 South Street	108 South Street	New York	NY	10038-2014	04/26/02	N/A
97	7	109 SOUTH STREET		NYC Housing Preservation and De	100 Gold Street	New York	NY	10038-1605	04/26/02	N/A
97	6	110 SOUTH STREET		Carmine Sarnelli	306 Avenue Z	New York	NY	11223-5825	04/26/02	N/A
97	31	111 SOUTH STREET		111 South Street Realty	22 East Broadway	New York	NY	10002-6857	04/26/02	N/A
97	4	112 SOUTH STREET		Fogliano Realty Holding	113 South Street	New York	NY	10038-2014	04/26/02	N/A
97	3	113 SOUTH STREET		Frank & Vincent Fogliano	113 South Street	New York	NY	10038-2014	04/26/02	N/A
97	2	115 SOUTH STREET	114 South Street	M&M Realty Associates	64 Mountainview Terrace	Hillsdale	NJ	07642-1021	04/26/02	N/A
97	1	119 SOUTH STREET	42 - 44 Peck Slip, 42 Peck Slip, 116 South St., 118 So	119 South Street Associates	401 West 45th Street, Offi	New York	NY	10036	05/25/02	N/A
107	1	160 SOUTH STREET	40 Dover Street, 40-46 Dover Street, 160 South Street	S. Durante Son Inc.	160 South Street	New York	NY	10038-1715	04/26/02	N/A
		19A SOUTH STREET	Fulton Fish Market						04/27/02	No Access
29	43	9 SOUTH WILLIAM STREET	59-61 Stone Street, 9 Mill Lane	South William Street Associates	9 South William Street	New York	NY	10004-2412	04/19/02	N/A
29	45	13 SOUTH WILLIAM STREET	57 Stone Street	William Realty, LLC	17 Battery Place South	New York	NY	10004	04/19/02	N/A
29	86	14 SOUTH WILLIAM STREET	26 South William St., South William Parking	10-26 S William St. Associates	160 Broadway	New York	NY	10038-4201	04/19/02	N/A
29	46	15 SOUTH WILLIAM STREET	55 Stone Street	Stone Eagle LLC	110 Greene Street	New York	NY	10012-3813	04/19/02	N/A
29	47	17 SOUTH WILLIAM STREET	53 Stone Street	Stone Eagle LLC	110 Greene Street	New York	NY	10012-3813	04/19/02	N/A
29	48	19 SOUTH WILLIAM STREET	49-51 Stone Street	Empire Associates Realty	540 5th Avenue	New York	NY	10019-6102	04/27/02	N/A
29	49	21 SOUTH WILLIAM STREET	23 South William St., 45-47 Stone Street	Block Hall Development Co. LLC	26 Broadway	New York	NY	10004-1756	11/08/02	N/A Samples(-)

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
279	22	45 ST JAMES PLACE	16-22 James Street	D & M Corp.	P.O. Box 850101	Ridgewood	NY	11358-0101	05/01/02	N/A
279	21	47 ST JAMES PLACE		Chius Family Association Inc.	47 Saint James place	New York	NY	10038-1271	05/01/02	N/A
279	15	59 ST JAMES PLACE	1 Oliver Street., 1-5 Oliver St., 7 Oliver Street	Lucky Mott Realty Co.	9 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	15	59 ST JAMES PLACE	61 Saint James Place	Lucky Mott Realty Co.	9 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	15	59 ST JAMES PLACE	7 Oliver Street, 61 Saint James Place, 63 Saint James	Lucky Mott Realty Co.	9 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	15	59 ST JAMES PLACE	7 Oliver Street, 61 Saint James Place, 63 Saint James F	LT Choy Realty	22 Catherine Street	New York	NY	10038-1025	05/01/02	N/A
279	15	59 ST JAMES PLACE	5 Oliver Street, 61 Saint James Place, 63 Saint James	Lucky Mott Realty Co.	9 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
279	15	59 ST JAMES PLACE	7 Oliver Street, 61 Saint James Place, 63 Saint James F	Lucky Mott Realty Co.	9 Oliver Street	New York	NY	10038-1044	05/01/02	N/A
9	14	17 STATE STREET	2 Pearl Street	17 State St., LLC c/o RFR Holding	400 Park Avenue	New York	NY	10022-4406	04/13/02	N/A
9	7	7 STATE STREET	Shrine of St. Elizabeth Ann Seton	Savannah Teachers Properties	730 3rd Avenue	New York	NY	10017-3206	04/13/02	N/A
10	32	6 STONE STREET		Seth Finn	8 Glen Drive	Harrison	NY	10528-2406	04/12/02	N/A
11	29	11 STONE STREET		LMS Realty LLC attn. Raul	227 East 56th Street	New York	NY	10022-3751	08/06/02	Cleaned
11	27	15 STONE STREET		15 Stone Street LLC c/o Benedetto	P.O. Box 392	Brooklyn	NY	11235-4148	04/12/02	Cleaned
29	22	44 STONE STREET	77 Pearl Street	HVW Associates c/o David Baldwir	113 Cedar Street	New York	NY	10006-1061	04/19/02	N/A
29	23	46 STONE STREET	79 Pearl Street	Stone Eagle LLC	110 Greene Street	New York	NY	10012-3813	04/19/02	N/A
29	24	48 STONE STREET	81 Pearl Street	Louise Properties Inc.	9538 Fort Hamilton Parkwa	Brooklyn	NY	11209-7410	04/20/02	N/A
29	25	50 STONE STREET	83 Pearl Street	FWP Realty Corp.	83 Pearl Street	New York	NY	10004-2602	04/19/02	N/A
29	26	52 STONE STREET	85 Pearl Street	Nicholas H. Alessi	18 Hamilton Drive East	Caldwell	NJ	07006-4626	04/19/02	N/A
29	27	54 STONE STREET	87-89 Stone Street	Paul C. Matthews	54 Stone Street	New York	NY	10004-2617	04/19/02	N/A
29	29	58 STONE STREET	91-93 Pearl St., 93 Pearl Street	Harry Poulakakos	93 Pearl Street	New York	NY	10004-2602	04/19/02	N/A
51	14	22 THAMES STREET	American Stock Exchange	American Stock Exchange Inc.	86 Trinity Place	New York	NY	10006	05/15/02	Cleaned
152	13	7 THOMAS STREET	54-86 Worth Street, 211-227 Church Street	AT & T Communications Inc. c/o Td	33 Thomas Street	New York	NY	10007-1128	05/18/02	N/A
151	22	18 THOMAS STREET		Maurice Grodensky	20 Thomas Street	New York	NY	10007-1120	05/18/02	N/A
151	20	22 THOMAS STREET		Victor R. Caligiuri- Treasurer DEA	26 Thomas Street	New York	NY	10007-1107	05/18/02	N/A
147	7503	56 THOMAS STREET		Building Owner/Management	56 Thomas Street	New York	NY	10013	04/13/02	N/A
147	24	58 THOMAS STREET		58 Thomas St. Associates LLC	145 Hudson Street	New York	NY	10013-2103	04/13/02	N/A
147	23	60 THOMAS STREET		60 Thomas Street Associates	60 Thomas Street	New York	NY	10013-3847	05/18/02	N/A
148	10	63 THOMAS STREET	151-157 West Broadway, 151 West Broadway	40 Worth Associates	575 Madison Avenue	New York	NY	10022-2511	05/11/02	N/A
147	7504	68 THOMAS STREET		Building Owner/Management	68 Thomas Street	New York	NY	10013	04/13/02	N/A
147	18	70 THOMAS STREET		70 Thomas St Owners Corp. c/o St	70 Thomas Street	New York	NY	10013-3820	04/13/02	N/A
144	23	84 THOMAS STREET		84-86 Development Corp.	50 Bank Street	New York	NY	10014-5200	05/18/02	N/A
144	23	86 THOMAS STREET		84-86 Development Corp.	50 Bank Street	New York	NY	10014-5200	05/18/02	N/A
51	7	68 TRINITY PLACE	103-107 Greenwich Street	Parish of Trinity Church	74 Trinity Place	New York	NY	10006-2003	01/25/02	N/A
51	17	74 TRINITY PLACE		Trinity Church Corp.	74 Trinity Place	New York	NY	10006-2003	01/28/02	N/A
51	13	86 TRINITY PLACE	American Stock Exchange, 113-123 Greenwich St	American Stock Exchange Inc.	86 Trinity Place	New York	NY	10006	05/20/02	Cleaned
51	15	90 TRINITY PLACE	HS of Economics and Finance	New York City Board of Education (	28-11 Queens Plaza North	Long Island City	NY	11101	01/25/02	N/A
52	1	100 TRINITY PLACE	HS of Economics and Finance	School Construction Authority					02/28/02	N/A
52	15	104 TRINITY PLACE	109 Cedar Street	Nick Spyreas Enterprises LLC	9 Perry Court	Armonk	NY	10504	08/05/02	Completed
52	30	112 TRINITY PLACE	106 Liberty St., 111 Cedar St.	111 Cedar St. Co c/o Sylvan Lawre	1350 Avenue of the Americ	New York	NY	10019	08/05/02	Completed
16	150	250 VESEY PLACE	4 World Financial Center	Brookfield	1 Liberty Plaza, 6th Floor	New York	NY	10006	04/15/02	Cleaned
88	2	12 VESEY STREET	14 Vesey St	NY City Lawyers Association	14 Vesey Street	New York	NY	100007-2906	09/15/02	Completed
88	4	18 VESEY STREET		Glenwood Management c/o Gene V	1200 Union Turnpike	New Hyde Park	NY	11040	07/18/02	Completed
88	5	20 VESEY STREET	Garrison Building (Old NY Evening Post Building)	Castega-20 Vesey St.	20 Vesey Street	New York	NY	10007-2913	01/26/02	N/A
88	8	26 VESEY STREET	Stage Deli	Castega-20 Vesey St.	20 Vesey Street	New York	NY	10007-2913	07/16/02	Completed
88	10	30 VESEY STREET	73-77 Church Street	Greystone Properties	30 Vesey Street	New York	NY	10007-2914	01/26/02	N/A
16	140	200 VESEY STREET	3 World Financial Center	Lehman Brothers and American E	200 Vesey Street	New York	NY	10285-1000	04/15/02	Cleaned

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
46	1	2 WALL STREET	92-94 Broadway	100 Property LLC c/o Hiro Real Est	650 Madison Avenue	New York	NY	10022-1029	03/02/02	N/A
46	9	14 WALL STREET	1-11 Nassau St, 7-15 Pine St, 8-20 Wall St	W12/14 Wall Acquisitions c/o Stella	14 Wall Street, 17th Floor	New York	NY	10005	11/14/02	Ongoing
43	6	26 WALL STREET	2-8 Nassau St., 17-21 Pine St.	United States Department of Interic	26 Wall Street	New York	NY	10005-1996	07/01/02	Completed
43	5	30 WALL STREET	23 Pine Street	30 WSLLC c/o The Pyne Companie	40 Wall Street, 62nd floor	New York	NY	10005	06/30/02	Completed
43	2	40 WALL STREET	25-39 Pine Street	40 Wall Street Development Assoc	40 Wall Street	New York	NY	10005-1304	05/25/02	No Access
26	14	37 WALL STREET	43-49 Exchange Place, 43 Exchange Place	Morgan Guaranty Trust Co. Attn Fa	23 Wall Street	New York	NY	10005-1962	08/30/02	Cleaned
43	1	44 WALL STREET	43-49 William Street, 41-45 Pine Street	44 Wall Street, VEF IV, LLC c/o Cu	44 Wall Street	New York	NY	10005	02/15/02	N/A
26	21	45 WALL STREET	33-41 William Street, 35-41 Exchange Place	45 Wall St LLC c/o Rockrose Deve	290 Park Avenue South	New York	NY	10010	09/14/02	Completed
40	14	48 WALL STREET	46-48 William Street	48 Wall LLC c/o Swig Burris Equitie	48 Wall Street	New York	NY	10005	02/15/02	N/A
40	3	60 WALL STREET	Deutsche Bank, 65 Pine Street	DBAB Wall Street, LLC c/o Cushm	60 Wall Street	New York	NY	10260	08/30/02	Cleaned
27	1	55 WALL STREET	Regent of Wall St., 34-40 William St.,7-29 Exchange Pl,2-4 Hanover St	SK 55 Wall Street. LLC	55 Wall Street	New York	NY	10005-2815	07/01/02	Cleaned
27	9	63 WALL STREET	79-83 Beaver Street, 1-5 Hanover Street	Brown Bros Harriman & Co. c/o Jor	63 Wall Street, 22 Floor	New York	NY	10005	07/01/02	Completed
27	17	67 WALL STREET	85-95 Beaver Street, 153 Pearl Street	Degi Deutsche Gesellschaft c/o DE	67 Wall Street	New York	NY	10005-3101	02/14/02	N/A
40	1	72 WALL STREET	(Incl. 73 Pine St Wall St. Station Post Office), 159-169 Pearl St, 73-75 Pine Street	American International Realty Corp	72 Wall Street	New York	NY	10005	02/15/02	N/A
31	11	85 WALL STREET	75-85 Wall St., 102-116 Water St., 136-152 Pearl St. 12	Corvo Vito	75-85 Wall Street	New York	NY	10005	05/02/02	N/A
39	4	80 WALL STREET	154-158 Pearl Street, 78 Wall Street	The Otto Gerdau Co.	80 Wall Street	New York	NY	10005-3601	05/18/02	N/A
39	1	82 WALL STREET		The Otto Gerdau Co.	80 Wall Street	New York	NY	10005-3601	04/13/02	No Access
		90 WALL STREET	JP Morgan Chase	Building Owner/ Management	90 Wall Street	New York	NY	10005	04/27/02	N/A
33	11	95 WALL STREET	97-117 Water Street, 96-110 Front Street	Degi Deutsche Gesellschaft	67 Wall Street	New York	NY	10005	05/18/02	N/A
38	1	100 WALL STREET	119-133 Water Street, 118-134 Front St.	100 Wall Co. LLC c/o Reckson Ass	100 Wall Street	New York	NY	10005	04/13/02	N/A
33	22	99 WALL STREET		Schlang Bros. & Co. Inc. Real Esta	67 Wall Street	New York	NY	10005	05/18/02	N/A
35	10	107 WALL STREET	107-111 Wall St., 95-113 Front Street, 50-58 South Stre	Citibank N A c/o Cushman & Wake	107-111 Wall Street, 23rd	New York	NY	10005	04/27/02	N/A
37	8	110 WALL STREET	119-127 Front Street	110 Wall Street L.P. c/o Rudin Mar	345 Park Avenue	New York	NY	10154-0101	04/13/02	N/A
37	7501	120 WALL STREET	97 Pine St., 59 South St., 61 South St.	Silverstein Properties, Inc.	120 Wall Street	New York	NY	10005	04/13/02	N/A
135	7503	8 WARREN STREET	10 Warren St	Building Owner/Management	10 Warren Street	New York	NY	10007	06/05/02	N/A
135	5	12 WARREN STREET		Church Warren Realty c/o Global I	140 58th Street	Brooklyn	NY	11220-2561	01/27/02	N/A
134	21	15 WARREN STREET		Building Owner/Management	15 Warren Street	New York	NY	10007	06/05/02	N/A
135	7	16 WARREN STREET		16 Warren Associates	430 West Broadway	New York	NY	10012-3784	02/24/02	N/A
134	20	17 WARREN STREET		17 Warren Street Tenants Corp.	17 Warren Street	New York	NY	10007-2203	01/27/02	N/A
135	7502	18 WARREN STREET		Building Owner/Management	18 Warren Street	New York	NY	10007-1066	02/24/02	N/A
134	7504	19 WARREN STREET		Suen Andy, Suen & Young Land D	77 Mott Street	New York	NY	10013-4862	01/27/02	N/A
135	9	20 WARREN STREET		Hamburger Green & Haber	319 5th Avenue, 3rd Fl	New York	NY	10016-5014	02/24/02	N/A
135	10	22 WARREN STREET		22 Warren Group LLC	331 Madison Avenue	New York	NY	10017-5102	09/14/02	Completed
134	16	23 WARREN STREET		125 Church Street Development C	2700 Grand Avenue	Bellmore	NY	11710-3500	05/25/02	N/A
135	11	26 WARREN STREET	24 Warren St	Carol Long/ Barclay School Supplie	166 Livingston Street	Brooklyn	NY	11201-5811	07/13/02	Completed
135	12	28 WARREN STREET		Zlot Realty Corp.	28 Warren Street	New York	NY	10007-2216	02/24/02	N/A
134	14	29 WARREN STREET	25 MURRAY STREET	125 Church Street Development C	2700 Grand Avenue	Bellmore	NY	11710-3500	05/25/02	N/A
134	10	31 WARREN STREET	27 Murray St	125 Church Street Development C	2700 Grand Avenue	Bellmore	NY	11710-3500	05/25/02	N/A
134	11	33 WARREN STREET	29 Murray St, 125-139 Church St., 25 Murray Street	125 Church Street Development C	2700 Grand Avenue	Bellmore	NY	11710-3500	05/25/02	N/A
133	29	37 WARREN STREET	132-138 Church St., 136 Church St.	Heller Properties	15 Maiden Lane	New York	NY	10038	01/25/02	N/A
136	7502	38 WARREN STREET	38-42 Warren St/144 Church St/140 Church St.	East Tribeca Associates, LLC c/o A	600 3rd Avenue, 25th Floo	New York	NY	10016	01/25/02	N/A
136	7502	44 WARREN STREET	44-46 Warren St, 144 Church St	Rudd Realty Mgmt Corp.	545 Madison Avenue, 5th I	New York	NY	10022	01/25/02	N/A
133	26	41 WARREN STREET	41-43 Warren St	41-43 Warren, LLC c/o Thomas Ke	395 Broadway	New York	NY	10013-3540	01/25/02	N/A
133	7502	45 WARREN STREET	45-47 Warren St	Orkora Development Co.	500 5th Avenue	New York	NY	10110-002	03/05/02	N/A
136	8	48 WARREN STREET		Promethium Realty Corporation	Church Street Station P.O.	New York	NY	10007	01/25/02	N/A
133	22	49 WARREN STREET	51 Warren St	Tribeca Realty LLC	277 Broadway	New York	NY	10007-2001	11/17/02	Comp

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
136	7501	50 WARREN STREET	120 Chambers St	Building Owner/Management	120 Chambers Street	New York	NY	10007	01/26/02	N/A
133	21	53 WARREN STREET		F. Pfeifer Corp.	53 Warren Street	New York	NY	10007-1016	07/20/02	Completed
136	11	54 WARREN STREET		54 Warren Street LLC c/o Vertical I	1385 West Broadway, Suit	New York	NY	10018	07/20/02	Completed
133	12	55 WARREN STREET	55 Murray St	Brunel Industries, Jean A. Brunel	55 Warren Street	New York	NY	10007	08/30/02	R/F
136	12	56 WARREN STREET		56 Warren Owners Corp.c/o Corne	271 Madison Avenue, Suit	New York	NY	10016-1001	09/17/02	Completed
133	19	57 WARREN STREET		57 Warren St Owners Inc.	271 Madison Avenue	New York	NY	10016-1001	01/25/02	N/A
136	7503	60 WARREN STREET	79-83 West Broadway	60 Warren LLC c/o Art	924 West End Avenue	New York	NY	10025-3534	01/25/02	N/A
132	30	69 WARREN STREET	72 West Broadway	Warren Co.	277 Broadway	New York	NY	10007-2029	02/27/02	N/A
137	1	68 WARREN STREET	80-84 West Broadway	Mr. & Mrs. Irving Jaffe	88 West Broadway	New York	NY	10007-1073		
137	1	68 WARREN STREET	86 West Broadway	B. Jaffe Real Estate Co.	88 West Broadway	New York	NY	10007-1073	01/25/02	N/A
137	1	68 WARREN STREET	72 Warren/88 West Broadway	B. Jaffe Real Estate Co.	88 West Broadway	New York	NY	10007-1073	01/25/02	N/A
137	1	68 WARREN STREET	74 Warren St	B. Jaffe Real Estate Co.	88 West Broadway	New York	NY	10007-1073	01/25/02	N/A
137	1	68 WARREN STREET	82 West Broadway, 84 West Broadway	B. Jaffe Real Estate Co.	88 West Broadway	New York	NY	10007-1073	01/25/02	N/A
132	7502	71 WARREN STREET		Building Owner/Building Managem	71 Warren Street	New York	NY	10007	03/05/02	N/A
132	27	73 WARREN STREET		73 Warren Street, LLC.	73 Warren Street	New York	NY	10007-1011	01/25/02	N/A
132	26	75 WARREN STREET		Warren Owners Ltd.	532 Madison Avenue	New York	NY	10022-3214	05/28/02	N/A
137	5	76 WARREN STREET	80 Warren Street	Warren St Tenants Corp	80 Warren Street	New York	NY	10007-1013	01/25/02	N/A
132	25	77 WARREN STREET		True Blue Associates	140 Fulton Street	New York	NY	10038-2500	05/28/02	N/A
132	24	79 WARREN STREET		T. Formichella c/o TAF Realty Co.	7 Dey Street	New York	NY	10007-3201	01/25/02	N/A
132	23	81 WARREN STREET		81 Warren Street Realty Corporatio	81 Warren Street	New York	NY	10007-1003	01/25/02	N/A
132	22	83 WARREN STREET		Benjamin & Paul Gruberg	85 South Street, Apt 5F	New York	NY	10038-4932	02/27/02	Cleaned
137	10	86-90 WARREN STREET	88 Warren St	86-90 Warren St. LLC, Plaza Circle	640 5th Avenue, 3rd Floor	New York	NY	10019-6102	11/17/02	Comp
137	13	92 WARREN STREET		92-94 Warren St. Inc c/o Buchbind	1 Union Square West	New York	NY	10003-3303	08/03/02	Completed
137	13	92 WARREN STREET		92-94 Warren St. Inc c/o Buchbind	1 Union Square West	New York	NY	10003-3303	08/03/02	Completed
16	220	201 WARREN STREET	IS 89, PS 89	New York City Board of Education	28-11 Queens Plaza North	Long Island City	NY	11101		
16	221	WARREN STREET								
17	29	90 WASHINGTON STREET	52-54 West Street/23-31 Rector St	90 Washington LLC c/o ZAR Realt	384 5th Avenue	New York	NY	10018-8103	11/05/02	Completed
55	2	102 WASHINGTON STREET	NYPD Downtown, 57-69 West St., 30-40 Rector	Building Owner/Building Managem	102 Washington Street	New York	NY	10006	01/26/02	N/A
53	2	99 WASHINGTON STREET	20-24 Rector Street, Central Parking	Zigelbaum Leonard	9 West 31 Street	New York	NY	10001-4434	03/02/02	N/A
53	3	103 WASHINGTON STREET		Chapel Moran Inc.	103 Washington Street	New York	NY	10006-1824	01/26/02	N/A
53	4	105 WASHINGTON STREET		Sheng Yen Lu Corporation	105 Washington St.	New York	NY	10006-1815	02/27/02	Cleaned
53	6	109 WASHINGTON STREET		Maverick Management Corp.	1000 Pennsylvania Avenue	Brooklyn	NY	11207-8417	01/26/02	N/A
53	12	111 WASHINGTON STREET	4-10 Carlisle Street, Parking Garage	Term Washingotn St. Garage Corp	10 West 56th Street	New York	NY	10019-3801	01/26/02	N/A
53	23	123 WASHINGTON STREET	4-12 Albany Street, 4 Albany Street, 3-13 Caarlisle Street	Bankers Trust Co. Attn. Edward Do	130 Liberty Street	New York	NY	10006-1105	02/27/02	Cleaned
4	7501	1 WATER STREET	1 New York Plaza, 13 South Street. 114-142 Broad Stre	Trizechahn One NY Plaza LLC att	1 New York Plaza	New York	NY	10004	08/23/02	Cleaned
8	51	6 WATER STREET	3-7 Moore Street, 12 Water Street	Water & Pearl Land LLC	6 Water Street	New York	NY	10004-2113	04/27/02	N/A
7	30	24 WATER STREET		Sons of the Revolution	54 Pearl Street	New York	NY	10004-2429	04/13/02	N/A
7	29	26 WATER STREET		Sons of the Revolution	54 Pearl Street	New York	NY	10004-2429	04/13/02	N/A
7	28	28 WATER STREET		Maym Management LLC	3696 Hemstead Tpke	Hemstead	NY		04/13/02	N/A
7	27	30 WATER STREET		Harry Poulakakos	8045 Shore Road	Brooklyn	NY	11209-2839	04/13/02	N/A
7	26	32 WATER STREET	62 Pearl Street	62 Pearl Realty LLC	198 Terry Road	Smithtown	NY	11787-5107	04/13/02	N/A
7	26	32 WATER STREET	62 Pearl Street	62 Pearl Realty LLC	198 Terry Road	Smithtown	NY	11787-5107	04/13/02	N/A
30	34	40 WATER STREET	4-6 Coenties Slip, 4 Coenties Slip	P. Evans LLC	400 McGuiness Boulevard	Brooklyn	NY	11222	04/13/02	N/A
30	33	42 WATER STREET		Frank Salerno	96 Indiana Place	Brooklyn	NY	11234-6900	04/13/02	N/A
32	7501	43 WATER STREET	43-73 Water St., 23-43 Old Slip, 39 South Street	Building Owner/ Management	43-73 Water Street	New York	NY	10004	04/27/02	N/A
30	32	44 WATER STREET		Frank Salerno	96 Indiana Place	Brooklyn	NY	11234-6900	04/13/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
		75 WATER STREET		Building Owner/ Management	75 Water Street	New York	NY	10004	04/27/02	N/A
33	1	77 WATER STREET	78-94 Front Street, 20-26 Old Slip	Water Street Fee LLC c/o William I	777 3rd Avenue	New York	NY	10017-1401	04/27/02	N/A
31	34	90 WATER STREET		Barry Striem	90 Water Street	New York	NY	10005-3587	04/27/02	N/A
39	40	122 WATER STREET		122 Water Street Realty Co. c/o Te	P.O. Box 199	New York	NY	11571	04/13/02	N/A
39	38	124 WATER STREET	126 Water St.	Consolidated Dining Systems Co.	162 West 34th Street	New York	NY	10001-2102	04/13/02	N/A
39	7501	130 WATER STREET	77-83 Pine Street, 164-168 Pearl Street	Seaport South Condominium, WPC	116 John Street	New York	NY	10038	10/31/02	Completed
70	1	156 WATER STREET	125 Maiden Lane, 113-133 Maiden Lane, 202-208 Pear	125 Maiden Equities LLC c/0 Time	55 5th Avenue	New York	NY	10003-4301	05/24/02	N/A
70	43	160 WATER STREET	2-10 Fletcher Street, 214-220 Pearl Street	160 Water Street Inc.	708 3rd Avenue	New York	NY	10017-4201	04/20/02	N/A
71	7501	175 WATER STREET	18-28 Fletcher St., 162-180 Front St., 144-154 John St.	Building Owner/Management	175 Water Street	New York	NY	10038	04/19/02	No Access
70	32	180 WATER STREET	126-138 John Street, 222-234 Pearl Street	Water Street Leashold Interest c/o	180 Water Street	New York	NY	10038-4923	04/20/02	N/A
74	7501	199 WATER STREET	20-26 Fulton Street, 141-155 John Street, 1 Seaport Pla	Building Owner/ Management	199 Water Street	New York	NY	100038	04/27/02	N/A
		215 WATER STREET		NYC EDC	110 William Street	New York	NY	10038-3901	04/26/02	N/A
97	46	227 WATER STREET	130 Beekman Street, 130-132 Beekman Street	Beekman-Water Associates LLC c/	417 5th Avenue	New York	NY	10016-2204	04/26/02	N/A
97	49	233 WATER STREET		Balom Rerealty Corp. c/o ALBA	233 Water Street	New York	NY	10038-2016	04/26/02	N/A
97	51	241 WATER STREET		Seamens Church Institute	241 Water Street	New York	NY	10038-2016	04/26/02	N/A
97	55	245 WATER STREET		Seamens Church Institute	241 Water Street	New York	NY	10038-2016	04/26/02	N/A
97	7501	247 WATER STREET		Sciame F J AKA FR	247 Water Street	New York	NY	10038-2016	04/26/02	N/A
97	57	251 WATER STREET	22 Peck Slip	Building Owner/ Management	251 Water Street	New York	NY	10038	04/26/02	N/A
106	7	264 WATER STREET		FGF Enterprises Corp. c/o Heron	820 2nd Avenue	New York	NY	10017-4504	04/20/02	N/A
107	44	265 WATER STREET	267 Water Street	265 267 Water St Co	265 Water Street	New York	NY	10038-1718	04/20/02	N/A
106	6	268 WATER STREET		Randy A. Polumbo	268 Water Street	New York	NY	10038-1719		
107	46	269 WATER STREET		VJHC Properties Inc.	6 Bowery	New York	NY	10013-5101	04/26/02	N/A
106	5	270 WATER STREET		270 Water St Associates	270 Water Street	New York	NY	10038-1709	04/20/02	N/A
107	7501	271 WATER STREET		Building Owner/ Management	271 Water Street	New York	NY	10038	04/20/02	N/A
106	4	272 WATER STREET		272 Water St Dev Corp c/o Carlton	87-47 Marengo Street	Hollis	NY	11423-1415	04/20/02	N/A
107	7502	273 WATER STREET		Building Owner/ Management	273 Water Street	New York	NY	10038	04/20/02	N/A
106	2	274 WATER STREET		274 Water Street Owners Corp.	274 Water Street	New York	NY	10038-1719	04/26/02	N/A
107	49	275 WATER STREET		Seaport Towers Corp.	275 Water Street	New York	NY	10038-1722	04/20/02	N/A
107	50	277 WATER STREET		Fred Krughoff	115 South Street	New York	NY	10038-2020	04/20/02	N/A
107	51	279 WATER STREET	16 1/2 Dover Street, 16 Dover St., 279 Rear Water Stre	Bridge Café	279 Water Street	New York	NY	10038	04/26/02	N/A
107	51	279 WATER STREET								
127	1	30 WEST BROADWAY	BMCC Extension, 81-95 Barclay St, 235-247 Greenwich St., 82-104 Park Pl	CUNY	585 East 80th Street	New York	NY	10021-0702	08/28/02	Completed
127	18	44 WEST BROADWAY	59-75 Park Place, 253-267 Greenwich St., 64-84 Murray St.	Resnick Murray St. Associates, Kat	110 East 59th Street	New York	NY	10022-1308	01/28/02	N/A
137	35	90 WEST BROADWAY	138-142 Chambers Street	Gerken Building Corp.	90 West Broadway	New York	NY	10007-1009	05/28/02	N/A
144	32	130 WEST BROADWAY	153 Duane Street	Cortlandt Realty Co.	140 Fulton Street, 5th Floo	New York	NY	10038-2500	05/01/02	N/A
144	31	132 WEST BROADWAY		132 West Broadway Realty Co.	132 West Broadway	New York	NY	10013-3328	05/18/02	N/A
144	30	134 WEST BROADWAY		Webro Associates c/o Cortlandt Re	140 Fulton Street, 5th Floo	New York	NY	10038-2500	05/18/02	N/A
147	12	135 WEST BROADWAY		135 West Broadway LLC	1000 Pennsylvania Avenue	Brooklyn	NY	11207-8417	04/11/02	N/A
144	29	136 WEST BROADWAY		K. Lippman c/o DonnaMae Realty	1104 Westwood Road	Hewlett	NY	11557-1117	05/18/02	N/A
147	13	137 WEST BROADWAY		Michael Glenn Realty Corp.	137 West Broadway	New York	NY	10013-3305	04/13/02	N/A
144	28	138 WEST BROADWAY		Michael Imperioli	176 7th Avenue	New York	NY	10011-1827	05/18/02	N/A
144	26	142 WEST BROADWAY	140 West Broadway, 78-82 Thomas Street	82 Thomas Street Realty Corp. c/o	140 West Broadway	New York	NY	10013-3300	05/18/02	N/A
147	14	141 WEST BROADWAY		A. Pantzer	P.O. Box 293	Bondville	VT	05340-0293	04/13/02	N/A
147	7501	145 WEST BROADWAY	72 Thomas Street	Martin Lee Joffe	143 West Broadway	New York	NY	10013-3305	04/13/02	N/A
176	14	175 WEST BROADWAY		Building Owner/Management	175 West Broadway	New York	NY	10013	05/17/02	N/A
176	16	177 WEST BROADWAY		Shiloh Company	170 Changebridge Road	Montville	NJ	07045-9115	05/17/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
176	17	179 WEST BROADWAY		Independent Real Estate	179 West Broadway	New York	NY	10013-2921	05/17/02	N/A
178	7502	211 WEST BROADWAY		Andrews Building Corporation	211 West Broadway	New York	NY	10013	05/17/02	N/A
178	16	217 WEST BROADWAY	217-219 West Broadway	Epic LLC	12 East 44th Street	New York	NY	10017-3624	05/17/02	N/A
189	7501	222 WEST BROADWAY	126-130 Franklin Street, 2 - 6 Varick Street	Park Prod International c/o Andrew	682 Broadway	New York	NY	10012-2320	05/17/02	N/A
178	19	225 WEST BROADWAY	227 West Broadway	Bulling Owner/Management	225 West Broadway	New York	NY	10013	05/17/02	N/A
189	42	226 WEST BROADWAY		Creative Vision II Solution	226 West Broadway	New York	NY	10013-2408	05/17/02	N/A
189	41	228 WEST BROADWAY	8 North Moore Street	Herbert Moskowitz	70 Lafayette Street	New York	NY	10013-4000	05/17/02	N/A
178	21	229 WEST BROADWAY	1 White Street	Peter Townsend	1 White Street	New York	NY	10013-2406	05/17/02	N/A
0	0	WEST ST	Vacant Land, Murray Street next to 102 N.End	Temporary location of EPA tent during response actions					01/29/02	N/A
0	0	WEST ST	Vacant Land, Murray St, Warren St, N End	Occupied by DOT					01/27/02	N/A
16	43	10 WEST STREET	BATTERY PARK CITY, 25 Battery Place, Ritz Carlton Downtown	Millenium Partners	1995 Broadway	New York	NY	10023	01/28/02	N/A
15	19	18 WEST STREET		Downtown Athletic Club NY	18 West Street	New York	NY	10004	03/02/02	No Access
15	22	21 WEST STREET	11-21 Morris Street, 34-38 Washington Street	West Eden LLC c/o Rose Associat	200 Madison Avenue	New York	NY	10016-3998	01/29/02	N/A
17	7501	47 WEST STREET	50 West Street	West Street Equities c/o Francis Greenburg		New York	NY	10022-2078	05/24/02	N/A
17	7501	47 WEST STREET	74-80 Washington St	West Street Equities c/o Francis Greenburg		New York	NY	10022-2078	05/24/02	N/A
17	7501	47 WEST STREET	47-49 West St	West Street Equities c/o Francis Greenburg		New York	NY	10022-2078	08/07/02	Cleaned
55	14	75 WEST STREET	70 West St., 72 West Street, 74 West St., 110 Washington St.	Wilf Leonard A., J. Hill Associates	820 Morris Tpke	Short Hills	NJ	07078-2624	01/26/02	N/A
55	16	80 WEST STREET	85 West Street, NY Financial Center Marlott, 16-26 Albany Street, 122-130 Washington Street	CCMH Fin Center LLC c/o Claris S	6903 Rockledge Drive, Su	Bethesda	MD	20817	01/26/02	N/A
56	4	87 WEST STREET	90 West St, 21-25 Albany St., 91-95 West St.	FGP 90 W St Inc.	209 Madison Avenue	New York	NY	10017	05/28/02	No Access
84	1	140 WEST STREET	Verizon, 90-110 Barclay St., 88-110 Vesey St, 206-222 Washington St.	Bell Atlantic Property Tax Dept.	1095 Avenue of the Ameri	New York	NY	10036-6797	01/24/02	N/A
142	9	177-179 WEST STREET	177-179 West St						01/24/02	N/A
0	0	WEST THAMES PARK	West Thames Park located in Battery Park City	Battery Park City Parks Conservan	2 South End Avenue	New York	NY	10280		
		200 WEST THAMES STREET								
191	13	2 WHITE STREET		Building Owner/Management	2 White Street	New York	NY	10013	05/17/02	N/A
178	22	5 WHITE STREET	221-223 West Broadway	Silvester/Grupp Associates	366 West 36th Street	New York	NY	10018-6402	05/17/02	N/A
191	11	4 WHITE STREET	239 West Broadway, 4-6 White Street	4 6 White St Inc. c/o Matera Manag	17 6th Avenue	New York	NY	10013-5717	05/17/02	N/A
191	10	8 WHITE STREET	8 - 10 White Street	Ten White Street Corp.	10 White Street	New York	NY	10013-2445	05/17/02	N/A
178	24	9 WHITE STREET		9 White Street Corp.	9 White Street	New York	NY	10013-2459	05/17/02	N/A
191	7501	12 WHITE STREET		Building Owner/Management	12 White Street	New York	NY	10013-2446	05/17/02	N/A
178	25	13 WHITE STREET	13 - 15 White Street, 17-19 White Street	13 19 White Street Corp.	13 Whie Street	New York	NY	10013-2406	05/17/02	N/A
178	25	13 WHITE STREET	13 - 15 White Street, 17-19 White Street	13 19 White Street Corp.	13 Whie Street	New York	NY	10013-2406	05/17/02	N/A
10	23	1 WHITEHALL STREET	2 - 4 Stone St., 13-23 Bridge St.	One Whitehall Co. c/o Rudin Mana	345 Park Avenue	New York	NY	10154-0004	04/12/02	N/A
12	1	2 WHITEHALL STREET	US Custom House, 1-11 Bridge St, 1 Bowling Green	US GSA	26 Federal Plaza	New York	NY	10278-0004	09/25/02	N/A
9	29	22 WHITEHALL STREET	1 Battery Park Plaza, 24 State St., 2-12 Bridge St., 1 Pe	State Whitehall Co. c/o Rudin Man	345 Park Avenue	New York	NY	10154-0101	04/12/02	N/A
10	15	27 WHITEHALL STREET	16-18 Bridge Street	MSA Twins Ltd.	P.O. Box 1032	Suffern	NY	10901-8532	04/19/02	N/A
10	14	33 WHITEHALL STREET	20-24 Bridge Street, 27-29 Pearl Street, NASDAQ, 29-3	Broad Street Financial Center c/o S	565 5th Avenue	New York	NY	10017-2413	04/27/02	N/A
9	1	34 WHITEHALL STREET	1 State Street Plaza, 18-22 Pearl St., 1 State St.	One State Street LLC	1 State Street	New York	NY	10004-1417	04/13/02	N/A
29	36	1 WILLIAM STREET	1-3 South William St., 63-67 Stone St.	Banca Comm Italiana	1 William Street	New York	NY	10004-2502	04/19/02	Cleaned
28	1	2 WILLIAM STREET	3 Hanover Square, 60 Beaver St, 3 Pearl St., 60-64 Beaver St.	Juerensen Shirley c/o Rose Manag	200 Madison Avenue	New York	NY	10016	06/18/02	Cleaned
40	16	52 WILLIAM STREET	Financial District Associates, LLC. C/o Masterworks Development Corp.	Financial District Associates LLC c/	56 West 45th Street, 4th F	New York	NY	10036	08/15/02	R/S5
41	22	60 WILLIAM STREET	48 Pine Street	Our Lady of Victory Church, Attenti	60 William Street	New York	NY	10005-1503	09/22/02	Completed
41	24	62 WILLIAM STREET	30-38 Cedar Street	BMS Realty Associates Inc.	P.O. Box 110158	Brooklyn	NY	11211-0158	10/23/02	Completed
68	16	84 WILLIAM STREET	67-71 Maiden Lane	84 William Street Assoc.	17 John Street	New York	NY	10038-4010	02/16/02	N/A
68	22	90 WILLIAM STREET	30-38 Platt St	TOV 90 LLC	120 West 44th Street	New York	NY	10036-4011	02/16/02	N/A
68	36	100 WILLIAM STREET	72-78 John St, 29-35 Platt Street	Lighthouse Realty, 100 William	1600 Stewart Avenue	Westbury	NY	11590	07/16/02	Cleaned
77	8	110 WILLIAM STREET	69-81 John Street	Trizechahn Regional Pooling LLC c	1114 Avenue of the Ameri	New York	NY	10036-7703	02/16/02	N/A

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BLOCK	LOT	ADDRESS	AKAs	Building Owner	Owner Address	City	State	Zip	Exterior Surveyed	CleanUp Required
78	10	111 WILLIAM STREET	59 John Street, 59-65 John Street	John Street Holdings LLC	111 William Street	New York	NY	10038	02/16/02	N/A
78	4	123 WILLIAM STREET	55 John St., 51-57 John Street, 2-12 Dutch St.	William St Assoc c/o Glenwood Mg	123 William Street	New York	NY	11040	10/23/02	Completed
78	4	123 WILLIAM STREET	55 John St., 51-57 John Street, 2-12 Dutch St.	William St Assoc c/o Glenwood Mg	1200 Union Tpke	New Hyde Park	NY	11040	10/18/02	Completed
77	15	130 WILLIAM STREET		130 William LLC c/o Craven Manag	130 William Street	New York	NY	10038	11/13/02	Completed
78	1	135 WILLIAM STREET	100 Fulton Street	135 William Street Associates	17 John Street	New York	NY	10038-4010	02/17/02	N/A
77	18	136 WILLIAM STREET		Ultimate Realty LLC	39 West 14th Street #502	New York	NY	10011	11/18/02	Ongoing
77	20	140 WILLIAM STREET	96 Fulton Street	American Numismatic Society	Broadway at 155 Street	New York	NY	10032	03/23/02	Cleaned
93	20	156 WILLIAM STREET	51-55 Beekman St, 73-85 Ann Street	156 William Street LLC c/o C & K F	P.O. Box 571 West Village	New York	NY	10014	08/18/02	Completed
92	5	161 WILLIAM STREET	61-69 Ann Street	161 William Associates c/o Kanwal	110 East 59th Street	New York	NY	10022-1308	10/14/02	Completed
93	24	164 WILLIAM STREET		Polito Salvatore	160-21 12 Avenue	Beechhurst	NY	11357	10/31/02	Completed
93	25	166 WILLIAM STREET	41-43 Beekman Street	Wenn Ltd c/o Cyrus S Nallaseth	130 William Street	New York	NY	10038-3806	02/15/02	N/A
92	3	167 WILLIAM STREET	165 William Street	169 Beckman Associates LP c/o K	110 East 59th Street	New York	NY	10022-1308	10/26/02	Completed
93	26	168 WILLIAM STREET	39 Beekman St	Monpike Corp.	116 Pershing Road	Englewood Cliffs	NJ	07632	02/15/02	N/A
179	11	1 WORTH STREET		One Worth Corp c/o Andrews Build	666 Broadway	New York	NY	10012-2317	05/11/02	N/A
179	7504	5 WORTH STREET		Milan Real Estate	5 Worth Street	New York	NY	10013	05/11/02	N/A
179	6	7 WORTH STREET	9 Worth Street, 11 Worth Street, 13 Worth Street	Fine Arts Developmental Lab, Inc.	11 Worth Street	New York	NY	10013-2922	05/11/02	N/A
179	6	9 WORTH STREET	11 Worth Street	Mithell E. Weingrad	426 Atlantic Avenue, P.O.	East Rockaway	NY	11518	05/11/02	N/A
148	15	40 WORTH STREET	212-228 Church Street, 47-61 Thomas Street, 159-163 \	CCMB Services	Grand Central Station P.O	New York	NY	10163-4703	05/17/02	N/A
176	13	33 WORTH STREET	173 West Broadway, 171-173 West Broadway	Dover Equities	170 Changebridge Road	Montville	NJ	07045-9115	05/11/02	N/A
176	12	35 WORTH STREET	The law Building	SBH 35 Realty Corp.	35 Worth Street	New York	NY	10013-2935	05/11/02	N/A
176	11	39 WORTH STREET		White Rose Artists Corp. c/o Andre	39 Worth Street	New York	NY	10013	05/17/02	N/A
176	10	41 WORTH STREET		Whiterose Artists Corp. c/o Andrew	666 Broadway	New York	NY	10012-2317	05/11/02	N/A
176	4	47 WORTH STREET	47-49 Worth Street, 53-55 Worth Street, 53 Worth Stre	NY Law School	57 Worth Street	New York	NY	10013	05/11/02	N/A
176	1	57 WORTH STREET	230-234 Church Street	New York Law School	57 Worth Street	New York	NY	10013-2926	05/17/02	N/A
176	1	57 WORTH STREET	230-234 Church Street	New York Law School	57 Worth Street	New York	NY	10013-2926	05/17/02	N/A
173	10	65 WORTH STREET	65-67 Worth Street, 69 Worth St., 229-233 Church St.	Valdia Development Group c/o Val	60 Sakett Street	Brooklyn	NY	11231-1444	05/11/02	N/A
49	1	71 WORTH STREET		Valdia North Street Partners LLC.	60 Sakett Street	Brooklyn	NY	11231-1444	05/18/02	N/A
173	6	75 WORTH STREET		Valdia North Street Partners LLC.	60 Sakett Street	Brooklyn	NY	11231-1444	05/18/02	N/A
173	4	79 WORTH STREET	81 Worth Street	Worth Associates, LLC.	130 West 58 Street	New York	NY	10019-2133	05/11/02	N/A
173	2	83 WORTH STREET	85 Worth Street	Vimar Realty Corporation	85 Worth Street	New York	NY	10013	05/11/02	N/A

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ATTACHMENT

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Sample

COMPLAINTS LOG FROM HANSEN

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
(718)DEP-HELP Fax (718)595-4096

Service Request Inspection Detail

Report Date 07/03/2003 10:49 AM **Submitted By** **Page 1**

Service # 357634
Problem B1 ASBESTOS COMPLAINT
Address 7 WORLD TRADE CENTER 1
Cross Streets VESEY ST
VESEY ST
Compass Direction
Building ID 10012 **Block** 00084 **Lot** 0036 **CMBD** 101

Location
Area **District**
Sub-Area **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	09/13/2001 16:08
Template Type				**A/P #**	
Taken By	4336	MANIGAT, GRAHAM		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	09/13/2001 16:08			**Start Date**	09/13/2001 16:08
Inspector	5557	RAMMOHAN, RAMASUBBU		**Inspection Date**	09/13/2001 16:30
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	09/13/2001 16:40
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 09/13/2001 16:08
Caller Comments possible asbestos release from 7 world trade center building collaspe

Call List

There are no calls for this service number

Problem Comments RESOLVED OVER THE PHONE.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
(718)DEP-HELP Fax (718)595-4096

Service Request Inspection Detail

Report Date 07/03/2003 10:53 AM **Submitted By**

Service # 362449
Problem B1 ASBESTOS COMPLAINT
Address 265 BROADWAY 1
Cross Streets WARREN ST
CHAMBERS ST
Compass Direction
Building ID 10014 **Block** 00135 **Lot** 0031 **CMBD** 101

Location
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	10/01/2001 11:26
Template Type				**A/P #**	
Taken By	7145	MAYFIELD, CHERELLE		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	10/01/2001 11:26			**Start Date**	10/01/2001 11:26
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	10/01/2001 12:15
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	10/01/2001 12:30
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address 38 STREET
City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 10/01/2001 11:26
Caller Comments D.E.P WATER ON LOCATION FIXING A WATER MAIN, FOUND A PIPE THAT MAY CONTAIN ASBESTOS. PLEASE CALL ERNIE WILLIAMS FROM 38 STREET. SPOKE TO TARAN AT 11:14AM

Call List

There are no calls for this service number

Problem Comments OBSERVED CHUNKS OF WHILE MATERIAL IN TRENCH. MOST MATERIAL INTACT ON PIPE. TWO SAMPLES TAKEN, RESULTS(-). ERNIE WILLIAMS OF DEP @ 38 STREET WAS INFORMED.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 10:55 AM **Submitted By** **Page 1**

Service # 366510
Problem B1 ASBESTOS COMPLAINT
Address 140 WEST ST 1
Cross Streets VESEY ST
BARCLAY ST
Compass Direction
Building ID 10012 **Block** 00084 **Lot** 0001 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	10/12/2001 15:40
Template Type				**A/P #**	
Taken By	6384	STEPHENSON, KAREN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	10/12/2001 15:40			**Start Date**	10/12/2001 15:40
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	10/12/2001 16:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	10/12/2001 16:10
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone **Evening Phone** **Call Date** 10/12/2001 15:40
Caller Comments cef contractors that are removing asbestos from verizon building//not protecting the area

Call List

There are no calls for this service number

Problem Comments DEP IS AWARE OF THIS CLEAN UP TAKING PLACE AS A RESULT OF THE WORLD TRADE CENTER INCIDENT. ALL WORK HAS BEEN FILED FOR AND PREVIOUSLY INSPECTED. WORK INVOLVED CLEAN-UP ONLY.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 10:56 AM **Submitted By** **Page 1**

Service # 366774
Problem B1 ASBESTOS COMPLAINT
Address 14 MAIDEN LA 1
Cross Streets BROADWAY
LIBERTY PL
Compass Direction
Building ID 1001091 **Block** 00064 **Lot** 00023 **CMBD** 101

Location
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	10/13/2001 11:30
Template Type				**A/P #**	
Taken By	7221	KHELAWAN, HANSRAJ		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	10/13/2001 11:30			**Start Date**	10/13/2001 11:30
Inspector	5557	RAMMOHAN, RAMASUBBU		**Inspection Date**	10/13/2001 12:30
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	10/13/2001 13:00
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone **Evening Phone** **Call Date** 10/13/2001 11:30
Caller Comments dust from building that is being power washed-1 block from ground zero, compit fears asbestos because the building was not vacumed before washing, compit have difficulty breathing. compit does not want to leave name or #. spoke to Mr.Rammohan

Call List

There are no calls for this service number

Problem Comments PRESSURE WASHING OF EXTERIOR WAS ONGOING. NO DUST OBSERVED, ONLY WATER SPRAYING WAS OBSERVED.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
(718)DEP-HELP Fax (718)595-4096

Service Request Inspection Detail

Report Date 07/03/2003 11:04 AM **Submitted By** **Page 1**

Service # 368173
Problem B1 ASBESTOS COMPLAINT
Intersection W 42 ST 1
Cross Streets 6 AVE 1

Compass Direction
Building ID **Block** **Lot** **CMBD** 105

Location
Area
Sub-Area 105 **District**
Parcel

# of Calls	2	**Duration of Call**	00:00	**Call Date**	10/17/2001 10:49
Template Type				**A/P #**	
Taken By	6332	SPRANGER, CATHERINE G.		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	10/17/2001 10:49			**Start Date**	10/17/2001 10:49
Inspector	4911	NEBEDUM, SAMUEL E.		**Inspection Date**	10/17/2001 13:45
Due Date				☐ **No Work Orders Required**	
Resolution Code	B1	ASBESTOS,VIOLATION ISSUED		**Resolution Date**	10/17/2001 14:30
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone **Evening Phone** **Call Date** 10/17/2001 10:49
Caller Comments COMPLT STATES ASBESTOS EXPOSURE WORKING ON BLDG EXPOSED TO ASBESTOS 1095 6 AVENUE COMPLT STATE NOBODY ADVISED WORKING WITH ASBESTOS ALL WORKER OUTSIDE ON STREET BLDG VERIZON BLDG REPEAT CALL PLS RESPOND ASAP

Call List

Last Name **Title**
First Name, MI
Address

City, State/Province, ZIP/PC
Country ☐ **Foreign**
Day Phone **Evening Phone** **Call Date** 10/17/2001 13:02
Reference #
Caller Comments

Problem Comments CONDUCTED AN INSPECTION OF THE 1ST FLOOR AREA OBSERVED DEBRIS ON THE FLOOR AND DUMPSTER COLLECTED 6 SAMPLES FOM THE FLOOR AND DUMPSTERS, TOOK PHOTOGRAPHS, AFTER ANALYSIS OF SAMPLES CLEAN UP WAS ORDERED

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:04 AM **Submitted By** **Page 1**

Service # 368173
Problem B1 ASBESTOS COMPLAINT
Intersection W 42 ST 1
Cross Streets 6 AVE 1

Compass Direction
Building ID **Block** **Lot** **CMBD** 105

Location
Area **District**
Sub-Area 105 **Parcel**

# of Calls	2	**Duration of Call**	00:00	**Call Date**	10/17/2001 10:49
Template Type				**A/P #**	
Taken By	6332	SPRANGER, CATHERINE G.		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	10/17/2001 10:49			**Start Date**	10/17/2001 10:49
Inspector	4911	NEBEDUM, SAMUEL E.		**Inspection Date**	10/17/2001 13:45
Due Date				☐ **No Work Orders Required**	
Resolution Code	B1	ASBESTOS,VIOLATION ISSUED		**Resolution Date**	10/17/2001 14:30
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone **Evening Phone** **Call Date** 10/17/2001 10:49
Caller Comments COMPLT STATES ASBESTOS EXPOSURE WORKING ON BLDG EXPOSED TO ASBESTOS 1095 6 AVENUE COMPLT STATE NOBODY ADVISED WORKING WITH ASBESTOS ALL WORKER OUTSIDE ON STREET BLDG VERIZON BLDG REPEAT CALL PLS RESPOND ASAP

Call List

Last Name **Title**
First Name, MI
Address

City, State/Province, ZIP/PC
Country ☐ **Foreign**
Day Phone **Evening Phone** **Call Date** 10/17/2001 13:02
Reference #
Caller Comments

Problem Comments CONDUCTED AN INSPECTION OF THE 1ST FLOOR AREA OBSERVED DEBRIS ON THE FLOOR AND DUMPSTER COLLECTED 6 SAMPLES FOM THE FLOOR AND DUMPSTERS, TOOK PHOTOGRAPHS, AFTER ANALYSIS OF SAMPLES CLEAN UP WAS ORDERED

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

NYC DEP
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Service Request Inspection Detail

Report Date 07/03/2003 11:06 AM **Submitted By**

Service # 369549
Problem BZ ASBESTOS, OTHER (USE COMMENTS)
Address 111 WASHINGTON ST 1
Cross Streets RECTOR ST
CARLISLE ST
Compass Direction
Building ID 10010 **Block** 00053 **Lot** 0012 **CMBD** 101

Location
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	10/20/2001 18:52
Template Type				**A/P #**	
Taken By	7206	NUNEZ, CHRISTIAN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	10/20/2001 18:52			**Start Date**	10/20/2001 18:52
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	10/20/2001 19:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	10/20/2001 19:10
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI ,
Address
NYPD
City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 10/20/2001 18:52
Caller Comments CARS INSIDE BUILDING ARE COVERED WITH SOOT FROM WTC. A CLEANING CREW IS ON THE SEEN. NYPD WANTS TO KNOW IF OPERATION IS SAFE.

Call List

There are no calls for this service number

Problem Comments C.C WAS NOTIFIED BY CARL THAT DEP HAD BEEN ON THE SITE TODAY & YESTERDAY. THE WORK DOES NOT INVOLVED ACM. SAMPLES RESULTS WERE SUBMITTED TO DEP SHOWING SAMPLES ARE NEGATIVE FOR ACM.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:17 AM **Submitted By** **Page 1**

Service # 374944
Problem BZ ASBESTOS, OTHER (USE COMMENTS)
Address 80 MAIDEN LA 1
Cross Streets GOLD ST
PEARL ST
Compass Direction
Building ID 10010 **Block** 00042 **Lot** 0031 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	11/02/2001 12:34
Template Type				**A/P #**	
Taken By	2862	FREYRE, RICARDO		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	11/02/2001 12:34			**Start Date**	11/02/2001 12:34
Inspector	5557	RAMMOHAN, RAMASUBBU		**Inspection Date**	11/02/2001 13:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	11/02/2001 13:45
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted] **Reference #**
Evening Phone **Call Date** 11/02/2001 12:34
Caller Comments DUST COMING FROM HVAC SYSTEM

Call List

There are no calls for this service number

Problem Comments UPON ARRIVAL I MET THE COMPLAINANT AT 603(HIS OFFICE AREA) WHERE HE SHOWED ME DUST SETTLEMENT ON A COFFEE POT AND ON CUBICAL FRAME. HE ALSO SHOWED ME THE EXTERIOR WINDOW SILL (CLOSED WINDOW) WITH DUST SETTLEMENT FROM WTC AND EXTERIOR WASHINGWAS ON GOING. I SHOWED THE SAME TO MR. CONSTANTINE AND ADVISED FOR ADITIONAL CLEAN-UP AND AIR MONITORING IN THE AREA. AS PER THE BUILDING MANAGER THE 6TH FLOOR WAS CLEANED AND ALL THE AIR HANDLING UNITS FILTERS WERE REPLACED.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:17 AM **Submitted By**

Service # 375421
Problem BZ ASBESTOS, OTHER (USE COMMENTS)
Intersection W BROADWAY 1
Cross Streets VESEY ST 1

Compass Direction
Building ID **Block** **Lot** **CMBD** 101

Location
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	11/03/2001 16:05
Template Type				**A/P #**	
Taken By	6384	STEPHENSON, KAREN		**Source**	
Responsibility	BHZS	BANHAZMAT - SATURDAYS		**Priority**	
Scheduled Date	11/03/2001 16:05			**Start Date**	11/03/2001 16:05
Inspector	5397	PLUMPTRE, ALPHONSO		**Inspection Date**	11/03/2001 16:15
Due Date				☐ **No Work Orders Required**	
Resolution Code	BB3	ASBESTOS,OTHER REFERRALS		**Resolution Date**	11/03/2001 16:25
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted] **Reference #**
Evening Phone **Call Date** 11/03/2001 16:05
Caller Comments requesting emergencey removel of asbestos near ground zero//to clear the roadway for emergencey vechiles at the entrance to the tunnel to the world trade center....
type of abestos cola dar wrap//these are con ed fetters the were wraped // the clean up is gone to be by con ed start time will be within 24hrs. 100 linoer ft. they will be doing 50ft of the fetters...

Call List

There are no calls for this service number

Problem Comments NOTIFICATION ORDER.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:25 AM **Submitted By**

Service # 378334
Problem B1 ASBESTOS COMPLAINT
Address 56 PINE ST 1
Cross Streets WILLIAM ST
PEARL ST
Compass Direction
Building ID 10010 **Block** 00041 **Lot** 0019 **CMBD** 101

Location
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	11/13/2001 08:57
Template Type				**A/P #**	
Taken By	7240	INNISS, JAIME		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	11/13/2001 08:57			**Start Date**	11/13/2001 08:57
Inspector	4911	NEBEDUM, SAMUEL E.		**Inspection Date**	11/13/2001 12:15
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	11/13/2001 12:45
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI .
Address 70 PINE
A.I.G.
City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 11/13/2001 08:57
Caller Comments contractors throwing material off of roof of 56 pine on to street and yelling asbestos material / pls invs / informed Asbes. spoke to Caren

Call List

There are no calls for this service number

Problem Comments EXPECTED TO CARRY OUT ROOF WORK BUT STARTED, COLLECTED A COPY OF ACP 5 FROM THE FACILITIES MANGER [redacted] WHO INFORMED ME THATTHE ROOF WORK WILL GO ON, THE BUILDING BEEN A LAND MARK SHOULD MEET CERTAIN CRITERIA B/Y ANY WORK IS DONE NO VIOLATION OBSRVED.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:32 AM **Submitted By**

Service # 406602
Problem B1 ASBESTOS COMPLAINT
Address 7 WORLD TRADE CENTER 1
Cross Streets VESEY ST
VESEY ST
Compass Direction
Building ID 10012 **Block** 00084 **Lot** 0036 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/04/2002 08:52
Template Type				**A/P #**	
Taken By	7145	MAYFIELD, CHERELLE		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/04/2002 08:52			**Start Date**	02/04/2002 08:52
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/04/2002 09:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	BZ1	ASBESTOS,OTHER		**Resolution Date**	02/04/2002 09:10
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI .
Address
CON EDISON
City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted] **Reference #**
Evening Phone
Call Date 02/04/2002 08:52
Caller Comments CON EDISON HAVE TO REMOVE 80 LINEAR FEET OF ASBESTOS FROM THE OLD 7 WORLD TRADE CENTER. SPOKE TO LIZ AT 8:47AM

Call List

There are no calls for this service number

Problem Comments EMERGENCY NOTIFICATION.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:33 AM **Submitted By** **Page 1**

Service # 409641
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 52 BEACH ST 1
Cross Streets HUDSON ST
COLLISTER ST
Compass Direction
Building ID 10021 **Block** 00188 **Lot** 0016 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 18:57
Template Type				**A/P #**	
Taken By	6407	STRAITZ, ROSEANN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/12/2002 18:57			**Start Date**	02/12/2002 18:57
Inspector	5397	PLUMPTRE, ALPHONSO		**Inspection Date**	02/12/2002 19:15
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/12/2002 19:30
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 02/11/2002 18:57
Caller Comments caller requests general testing of air at ground zero

Call List

There are no calls for this service number

Problem Comments [redacted]WANTS TO HIR[redacted]OWNS AIR MONITOR AND I FAXED A COPY ON OUR LIST TO [redacted]

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
(718)DEP-HELP Fax (718)595-4096

Service Request Inspection Detail

Report Date 07/03/2003 11:33 AM **Submitted By** **Page 1**

Service # 409642
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 75 PARK PL 1
Cross Streets W BROADWAY
GREENWICH ST
Compass Direction
Building ID 10014 **Block** 00127 **Lot** 0018 **CMBD** 101

Location 4TH FL
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 18:58
Template Type				**A/P #**	
Taken By	6407	STRAITZ, ROSEANN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 18:58			**Start Date**	02/11/2002 18:58
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/21/2002 11:15
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/21/2002 11:30
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC
☐ **Foreign**
Day Phone [redacted] **Reference #**
Evening Phone **Call Date** 02/11/2002 18:58
Caller Comments call requesting air testing in his apt

Call List

There are no calls for this service number

Problem Comments VISITED OFFICED OF TRADITIONAL (4TH FLOOR) RECEPTIONIST SAID THAT THERE WAS NO ONE [redacted]. ALSO WASN'T AWARE OF DUST IN OFFICE ON COMPLAINTS

Assets

Asset #	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
(718)DEP-HELP Fax (718)595-4096

Service Request Inspection Detail

Report Date 07/03/2003 11:33 AM **Submitted By**

Service # 409643
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 310 GREENWICH ST 1
Cross Streets DUANE ST
JAY ST
Compass Direction
Building ID 10831 **Block** 00142 **Lot** 0025 **CMBD** 101

Location APT 11C
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:00
Template Type				**A/P #**	
Taken By	6407	STRAITZ, ROSEANN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 19:00			**Start Date**	02/11/2002 19:00
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/21/2002 14:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/21/2002 14:45
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted] **Reference #**
Evening Phone **Call Date** 02/11/2002 19:00
Caller Comments BELIEVES DEBRIS FROM WTC IS IN APT

Call List

There are no calls for this service number

Problem Comments MADE 3 ATTEMPTS TO INSPECT SINCE 2/15/02. NO ACCESS.
LAST VISIT 2/16/02. 2P.M.

2/21/02-MET WITH MS. [redacted] SAID THERE WAS NO DUST IN APT. SAW THE NEWS AND WANTED THE FREE TESTING.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:33 AM **Submitted By** **Page 1**

Service # 409644
Problem B1 ASBESTOS COMPLAINT
Address 67 LIBERTY ST 1
Cross Streets LIBERTY PL
BROADWAY
Compass Direction
Building ID 10010 **Block** 00064 **Lot** 0010 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:05
Template Type				**A/P #**	
Taken By	6407	STRAITZ, ROSEANN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 19:05			**Start Date**	02/11/2002 19:05
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/12/2002 11:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/12/2002 11:30
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address APT 3RD FL

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 02/11/2002 19:05
Caller Comments TOP OF ELEVATOR COVERED W/DUST, POSS ASBESTOS.WOULD LIKE TO KNOW IF HER BUILDING WAS TESTED. NOTIFIED BARBARA RAFFO X3767

Call List

There are no calls for this service number

Problem Comments MET WITH A TENANT OF THE 5TH FLOOR AND INSPECTED IT NO WTC DUST. THE ELEVEN COULD NOT BE INSPECTED. THIS BUILDING DOES NOT HAVE A SUPER. MS.COATH WAS NOT AVAILABLE

2/15/02- BASED ON COMPLAINT FROM [redacted] THAT SOMEONE WAS CLEANING THE TOP OF ELEVATOR. I ARRIVED WITHIN 5 MINS OF RECEIVING THE CALL [redacted] SAID THAT THE PERSON LEFT ABOUT 15 MINS AGO. DID NOT OBSERVED ANY SIGNS OF WORK THAT MAY HAVE BEEN TAKING PLACE.

2/16.02 VISITED WITH [redacted] SHE SAID THAT SHE CLEANED THE RROF SOMETIME AGO. THERE WAS A LOT OF DEBRIS REMAININGTHAT SHE CLEANED THE ROOF SOMETIME AGO. THERE WAS A LOT OF VISIBLE DEBRIS REMAINING ON ROOF. THE TOP OF THE ELEVATOR HAD A SMALL AMOUNT OF VISIBLE DEBRIS I REQUESTED SAMPLEING FROM SHAFT, ROOF, TOP OF ELEVATOR. RESULTS WERE (-).

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

NYC DEP
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Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:34 AM **Submitted By**

Service # 409645
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 200 RECTOR PL 1
Cross Streets BEND
S END AVE
Compass Direction
Building ID 10654 **Block** 00016 **Lot** 7508 **CMBD** 101

Location APT 27C APT 33F
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:07
Template Type				**A/P #**	
Taken By	6407	STRAITZ, ROSEANN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 19:07			**Start Date**	02/11/2002 19:07
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	04/01/2002 10:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	04/01/2002 10:15
Asset					

Avg Insp Duration
Avg Insp Days 0
Avg Insp Hrs 0
Avg Insp Mins 0

Service Request Progress
Schedule By
Start By
Complete By
Resolve By

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address LIBERTY COURT CONDO ASSOCIATE
City, State/Province, ZIP/PC MARINER'S COVE SITE B ASS., ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** (212)842-7310 x **Call Date** 02/11/2002 19:07
Caller Comments WOULD LIKE AIR TESTING IN APT AND ENTIRE BUILDING OWNER DOES NOT WANT TO CLEAN IT UP AFTER THE GROUNG ZERO MESS

Call List

There are no calls for this service number

Problem Comments Appointment scheduled for 3/26/02

Liberty Court: DEP received information from the building manager regarding sampling and clean up activities.

Called ON 2/21/02 AT 10:07AM LEFT MESSAGE
LEFT MESSAGE ON BOTH # ON 2/24/02 AT 11:11AM
LEFT MESSAGE ON 2/23/02 AT 4:57PM.
LEFT MESSAGE ON 3/29/02 AT 10:50AM.
DO NOT DO AIR TESTING WHEN CALL BACK GIVE THEM A LIST OF AIR MONITORING FIRMS.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:34 AM **Submitted By** **Page 1**

Service # 409647
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 112 FULTON ST 1
Cross Streets DUTCH ST
NASSAU ST
Compass Direction
Building ID 10012 **Block** 00078 **Lot** 0049 **CMBD** 101

Location APT 201
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:09
Template Type				**A/P #**	
Taken By	6407	STRAITZ, ROSEANN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 19:09			**Start Date**	02/11/2002 19:09
Inspector	5397	PLUMPTRE, ALPHONSO		**Inspection Date**	02/13/2002 19:10
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/13/2002 19:30
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 02/11/2002 19:09
Caller Comments REQUESTING AIR TO BE TESTED IN APT

Call List

There are no calls for this service number

Problem Comments THE APT IS CLEANED INCLUDING THE STAIRS. THE ONLY PROBLEMS I OBSERVED IS THE WINDOW SILLS WHICH IS FILLED WITH MATERIAIS. ACCORDING TO [redacted] THE OWNER HAS PROMISED TO CLEAN THEM AS SOON AS POSSIBLE.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
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Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:34 AM **Submitted By**

Service # 409648
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 2 S END AVE 1
Cross Streets DEAD END
W THAMES ST
Compass Direction
Building ID 10828 **Block** 00016 **Lot** 7511 **CMBD** 101

Location APT 3D
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:12
Template Type				**A/P #**	
Taken By	6407	STRAITZ, ROSEANN		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 19:12			**Start Date**	02/11/2002 19:12
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/23/2002 10:47
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/23/2002 10:50
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address

City, State/Province, ZIP/PC ,,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 02/11/2002 19:12
Caller Comments REQUEST AIR TO BE TESTED IN HER APT

Call List

There are no calls for this service number

Problem Comments 2/12/02- LEFT MESSAGE ON VOICE MAIL AT 5:26 PM.

2/14/02- LEFT MESSAGE ON VOICE MAIL AT 9:39 AM

2/25/02- LEFT MESSAGE AT 4:19PM
2/17/02- LEFT MESSAGE AT 12:27PM
2/16/02- LEFT MESSAGE AT 11:15AM
2/18/02- LEFT MESSAGE AT 12:02PM
2/19/02- LEFT MESSAGE AT 10:25AM
2/23/02- LEFT MESSAGE AT 10:47AM

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
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Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:34 AM **Submitted By** **Page 1**

Service # 409650
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 355 S END AVE 1
Cross Streets ALBANY ST
LIBERTY ST
Compass Direction
Building ID 10833 **Block** 00016 **Lot** 0100 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:27
Template Type				**A/P #**	
Taken By	3974	LAMAR, SABRINA R.		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 19:27			**Start Date**	02/11/2002 19:27
Inspector	5557	RAMMOHAN, RAMASUBBU		**Inspection Date**	02/14/2002 09:42
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/14/2002 10:40
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI ,
Address SAME
APT 7-J
City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted]
Reference #
Evening Phone
Call Date 02/11/2002 19:27
Caller Comments needs someone to test air in apt

Call List

There are no calls for this service number

Problem Comments 2/12/02- LEFT MESSAGE ON VOICE MAIL AT 5:32PM.
2/14/02- SPOKE TO [redacted] CLAIMS THAT NOW MOVED TO WESTCHESTER INSURANCE CO. DID CLEANUP IN HER APARTMENT & CONCERNED THAT HER BELONGINGS FROM 355 SOUTH END WERE STILL CONTAMINATED. ADVISED TO CONTACT USEPA/DOH.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
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Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:35 AM **Submitted By** **Page 1**

Service # 409657
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 25 BROAD ST 1
Cross Streets EXCHANGE PL
BEAVER ST
Compass Direction
Building ID 10008 **Block** 00025 **Lot** 0019 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:43
Template Type				**A/P #**	
Taken By	7143	GRUBER, EDWARD		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/12/2002 19:43			**Start Date**	02/12/2002 19:43
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/15/2002 14:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B3	ASBESTOS, NO ACCESS		**Resolution Date**	02/15/2002 20:00
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address
APT 5I
City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted]
Reference #
Evening Phone (212)809-8667 x
Call Date 02/11/2002 19:43
Caller Comments INDOOR AIR QUESTION ABOUT AIR QUALITY AND DUST IN APT

Call List

There are no calls for this service number

Problem Comments MET THE SUPER J[redacted] HE SAID THAT THE ENTIRE BUILDING WAS CLEANED. APT 5I WAS LOCKED (DOG BARKING) VISITED 2/15/02

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
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Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:35 AM **Submitted By** **Page 1**

Service # 409658
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 130 BARROW ST 1
Cross Streets WASHINGTON ST
WEST ST
Compass Direction
Building ID 10104 **Block** 00604 **Lot** 7501 **CMBD** 102

Location
Area **District**
Sub-Area 102 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 19:44
Template Type				**A/P #**	
Taken By	7222	CLARKE, MARISSA		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 19:44			**Start Date**	02/11/2002 19:44
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/21/2002 10:10
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/21/2002 10:15
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address 130 BARROW ST
APT 419/ BUZZER # 774
City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 02/11/2002 19:44
Caller Comments CALLER IS IN THE VICINITY OF GROUND ZERO, CALLER REQUESTS GENERAL TESTING

Call List

There are no calls for this service number

Problem Comments
2/12/02-5:56PM LEFT MESSAGE
2/13/02-1:20PM LEFT MESSAGE

2/14/02- LEFT MESSAGE AT 4:01PM
2/17/02- LEFT MESSAGE AT 12:28PM
2/18/02- LEFT MESSAGE AT 12:10PM
2/19/02- LEFT MESSAGE AT 10:28AM
2/21/02- NO RESPONSE AT 10:10 AM

2/28/02- IF DEP IS NOT DOING AIR MONITORING, THE COMPLAINANT DON'T WANT THE INSPECTION. RAM SPOKE TO HIM. THE COMPLAINANT SAID WILL CALL BACK IF ANY ASSISTANCE IS WEEDED.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

NYC DEP
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Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:35 AM **Submitted By**

Service # 409682
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 50 BATTERY PL 1
Cross Streets 1 PL
2 PL
Compass Direction
Building ID 10859 **Block** 00016 **Lot** 0015 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 21:46
Template Type				**A/P #**	
Taken By	7223	SMITH, BRENDON		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 21:46			**Start Date**	02/11/2002 21:46
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/11/2002 22:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/11/2002 22:15
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address APT #4Y

City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted] **Reference #**
Evening Phone **Call Date** 02/11/2002 21:46
Caller Comments COMPL REQUESTING INFO ON AIR QUALITY IN AREA OF GROUND ZERO AND AIR QUALITY INSIDE COMPL'S APT BUILDING.

Call List

There are no calls for this service number

Problem Comments LEFT MESSAGE ON 2/12 AND SPOKE TO HIM ON 2/13 AND HE WANTS TO SEE DOCUMENTS INORDER HE WILL ALLOW THE INSPECTION. HE WAS ASKED TO SEND A LETTER TO THE DEPT FOR HIS REQUEST.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:36 AM **Submitted By** **Page 1**

Service # 409683
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 375 S END AVE 1
Cross Streets ALBANY ST
LIBERTY ST
Compass Direction
Building ID 10833 **Block** 00016 **Lot** 0100 **CMBD** 101

Location
Area
Sub-Area 101
District
Parcel

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 21:48
Template Type				**A/P #**	
Taken By	7223	SMITH, BRENDON		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 21:48			**Start Date**	02/11/2002 21:48
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/14/2002 12:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/14/2002 12:15
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address
APT #31K
City, State/Province, ZIP/PC , ,
☐ **Foreign**
Day Phone [redacted] **Reference #**
Evening Phone **Call Date** 02/11/2002 21:48
Caller Comments REQUEST FOR AIR QUALITY INSPECTION OR INFORMATION REGARDING AIR QUALITY IN THE APT NEAR GROUND ZERO. PLS CONTACT COMPL

Call List

There are no calls for this service number

Problem Comments CONCERNED ABOUT A LITTLE DUST IN VENTALATION SYSTEM WANTED A AIR MONITORING COMPANY.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC DEP
59-17 Junction Blvd.
Corona, NY 11368
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Service Request Inspection Detail

Report Date 07/03/2003 11:36 AM **Submitted By** **Page 1**

Service # 409684
Problem BWTC ASBESTOS: WTC (USE COMMENTS)
Address 99 JOHN ST 1
Cross Streets GOLD ST
CLIFF ST
Compass Direction
Building ID 10011 **Block** 00076 **Lot** 0011 **CMBD** 101

Location
Area **District**
Sub-Area 101 **Parcel**

# of Calls	1	**Duration of Call**	00:00	**Call Date**	02/11/2002 21:50
Template Type				**A/P #**	
Taken By	7223	SMITH, BRENDON		**Source**	
Responsibility	BHZ	BANHAZMAT (AIR,NOISE,HAZ.MAT)		**Priority**	
Scheduled Date	02/11/2002 21:50			**Start Date**	02/11/2002 21:50
Inspector	4230	LUTCHMEDIAL, CARLSTIE		**Inspection Date**	02/18/2002 11:00
Due Date				☐ **No Work Orders Required**	
Resolution Code	B2	ASBESTOS,NO VIOLATION		**Resolution Date**	02/18/2002 11:45
Asset					

Avg Insp Duration

Avg Insp Days	0
Avg Insp Hrs	0
Avg Insp Mins	0

Service Request Progress

Schedule By	
Start By	
Complete By	
Resolve By	

☐ **Customer Contact Requested**
Budget #
Map #
Project #

Primary Caller

Title
Last Name [redacted]
First Name, MI
Address
APT #905
City, State/Province, ZIP/PC , ,
☐ **Foreign** **Reference #**
Day Phone [redacted] **Evening Phone** **Call Date** 02/11/2002 21:50
Caller Comments COMPL IS WORRIED ABOUT THE AIR QUALITY INSIDE THE APT NEAR GROUND ZERO. REQUESTING INFORMATION REGARDING AIR QUALITY INSIDE THE APT. PLS CONTACT COMPL.

Call List

There are no calls for this service number

Problem Comments MET WITH TENANT AT 11 AM 2/18/02. SHE HEARD OF DEP TESTING AND WANTED A FREE TEST. HOWEVER, THERE WAS NO DUST IN APARTMENT.

Assets

Asset	From Type	Unit ID	To Type	Unit ID	#	Qualifier

There are no assets

End of Report

NYC-WTC_000146203

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Search Criteria
Search Style Match **Sorted By** Serv # Ascend **Service Req Status** TOTAL WORK
Problem BWTC

	Number	Dir	Name	Suffix	Dir	Ext	Boro
Street							
Intersection							
Block							

Problem 02/11/2002 00:00 **To** 05/08/2002 23:59

Service # 409641 **Problem** BWTC **Problem Date** 02/11/2002 **Link #** 1 **Case Attached** N
Scheduled Date 02/12/2002 **Start Date** 02/12/2002 **Inspection Date** 02/12/2002 **Resolution Date** 02/12/2002 **Resolution Code** B2
Address 52 BEACH ST **Cross Streets** HUDSON ST / COLLISTER ST

Location

Service # 409642 **Problem** BWTC **Problem Date** 02/11/2002 **Link #** 1 **Case Attached** N
Scheduled Date 02/11/2002 **Start Date** 02/11/2002 **Inspection Date** 02/21/2002 **Resolution Date** 02/21/2002 **Resolution Code** B2
Address 75 PARK PL **Cross Streets** W BROADWAY / GREENWICH ST

Location 4TH FL

Service # 409643 **Problem** BWTC **Problem Date** 02/11/2002 **Link #** 1 **Case Attached** N
Scheduled Date 02/11/2002 **Start Date** 02/11/2002 **Inspection Date** 02/21/2002 **Resolution Date** 02/21/2002 **Resolution Code** B2
Address 310 GREENWICH ST **Cross Streets** DUANE ST / JAY ST

Location APT 11C

Service # 409645 **Problem** BWTC **Problem Date** 02/11/2002 **Link #** 1 **Case Attached** N
Scheduled Date 02/11/2002 **Start Date** 02/11/2002 **Inspection Date** 04/01/2002 **Resolution Date** 04/01/2002 **Resolution Code** B2
Address 200 RECTOR PL **Cross Streets** BEND / S END AVE

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Report Date 07/02/2003 11:59 AM **Submitted By**

Location APT 27C APT 33F

Service #	409647	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/11/2002	**Start Date**	02/11/2002	**Inspection Date**	02/13/2002	**Resolution Date**	02/13/2002	**Resolution Code**	B2
Address	112 FULTON ST						**Cross Streets**	DUTCH ST NASSAU ST	

Location APT 201

Service #	409648	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/11/2002	**Start Date**	02/11/2002	**Inspection Date**	02/23/2002	**Resolution Date**	02/23/2002	**Resolution Code**	B2
Address	2 S END AVE						**Cross Streets**	DEAD END W THAMES ST	

Location APT 3D

Service #	409650	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/11/2002	**Start Date**	02/11/2002	**Inspection Date**	02/14/2002	**Resolution Date**	02/14/2002	**Resolution Code**	B2
Address	355 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	409657	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/15/2002	**Resolution Date**	02/15/2002	**Resolution Code**	B3
Address	25 BROAD ST						**Cross Streets**	EXCHANGE PL BEAVER ST	

Location

Service #	409658	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/11/2002	**Start Date**	02/11/2002	**Inspection Date**	02/21/2002	**Resolution Date**	02/21/2002	**Resolution Code**	B2
Address	130 BARROW ST						**Cross Streets**	WASHINGTON ST WEST ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	409682	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/11/2002	**Start Date**	02/11/2002	**Inspection Date**	02/11/2002	**Resolution Date**	02/11/2002	**Resolution Code**	B2
Address	50 BATTERY PL						**Cross Streets**	1 PL 2 PL	

Location

Service #	409683	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/11/2002	**Start Date**	02/11/2002	**Inspection Date**	02/14/2002	**Resolution Date**	02/14/2002	**Resolution Code**	B2
Address	375 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	409684	**Problem**	BWTC	**Problem Date**	02/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/11/2002	**Start Date**	02/11/2002	**Inspection Date**	02/18/2002	**Resolution Date**	02/18/2002	**Resolution Code**	B2
Address	99 JOHN ST						**Cross Streets**	GOLD ST CLIFF ST	

Location

Service #	409703	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/12/2002	**Resolution Date**	02/12/2002	**Resolution Code**	B2
Address	80 JOHN ST						**Cross Streets**	WILLIAM ST GOLD ST	

Location

Service #	409724	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/25/2002	**Resolution Date**	02/25/2002	**Resolution Code**	B2
Address	75 PARK PL						**Cross Streets**	W BROADWAY GREENWICH ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	409745	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/25/2002	**Resolution Date**	02/25/2002	**Resolution Code**	B2
Address	75 PARK PL							**Cross Streets**	W BROADWAY GREENWICH ST

Location

Service #	409783	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/13/2002	**Resolution Date**	02/13/2002	**Resolution Code**	B2
Address	350 ALBANY ST							**Cross Streets**	S END AVE DEAD END

Location

Service #	409798	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/12/2002	**Resolution Date**	02/12/2002	**Resolution Code**	B2
Address	249 CHURCH ST							**Cross Streets**	LEONARD ST 6 AVE

Location

Service #	409799	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/19/2002	**Resolution Date**	02/19/2002	**Resolution Code**	B2
Address	140 BROADWAY							**Cross Streets**	CEDAR ST LIBERTY ST

Location

Service #	409833	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/16/2002	**Resolution Date**	02/16/2002	**Resolution Code**	B2
Address	355 S END AVE							**Cross Streets**	ALBANY ST LIBERTY ST

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	409848	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/18/2002	**Resolution Date**	02/18/2002	**Resolution Code**	B2
Address	5 WHITE ST						**Cross Streets**	W BROADWAY 6 AVE	

Location

Service #	409878	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/12/2002	**Resolution Date**	02/12/2002	**Resolution Code**	B2
Address	74 TRINITY PL						**Cross Streets**	RECTOR ST THAMES ST	

Location

Service #	409879	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/18/2002	**Resolution Date**	02/18/2002	**Resolution Code**	B2
Address	375 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	409984	**Problem**	BWTC	**Problem Date**	02/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/12/2002	**Start Date**	02/12/2002	**Inspection Date**	02/13/2002	**Resolution Date**	02/13/2002	**Resolution Code**	B2
Address	90 GOLD ST						**Cross Streets**	SPRUCE ST	

Location

Service #	410152	**Problem**	BWTC	**Problem Date**	02/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/13/2002	**Start Date**	02/13/2002	**Inspection Date**	02/13/2002	**Resolution Date**	02/13/2002	**Resolution Code**	B2
Address	90 GOLD ST						**Cross Streets**	SPRUCE ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	410387	**Problem**	BWTC	**Problem Date**	02/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/13/2002	**Start Date**	02/13/2002	**Inspection Date**	02/25/2002	**Resolution Date**	02/25/2002	**Resolution Code**	B2
Address	300 ALBANY ST						**Cross Streets**	S END AVE DEAD END	

Location

Service #	410596	**Problem**	BWTC	**Problem Date**	02/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/14/2002	**Start Date**	02/14/2002	**Inspection Date**	02/19/2002	**Resolution Date**	02/19/2002	**Resolution Code**	B2
Address	12 JOHN ST						**Cross Streets**	BROADWAY NASSAU ST	

Location

Service #	410647	**Problem**	BWTC	**Problem Date**	02/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/14/2002	**Start Date**	02/14/2002	**Inspection Date**	02/14/2002	**Resolution Date**	02/14/2002	**Resolution Code**	B2
Address	4-6 WHITE ST						**Cross Streets**		

Location WEST BROADWAY & WHITE ST

Service #	410716	**Problem**	BWTC	**Problem Date**	02/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/14/2002	**Start Date**	02/14/2002	**Inspection Date**	02/16/2002	**Resolution Date**	02/16/2002	**Resolution Code**	B2
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

Location

Service #	410754	**Problem**	BWTC	**Problem Date**	02/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/14/2002	**Start Date**	02/14/2002	**Inspection Date**	02/16/2002	**Resolution Date**	02/16/2002	**Resolution Code**	B2
Address	40 HARRISON ST						**Cross Streets**	GREENWICH ST WEST ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	410766	**Problem**	BWTC	**Problem Date**	02/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/14/2002	**Start Date**	02/14/2002	**Inspection Date**	02/14/2002	**Resolution Date**	02/14/2002	**Resolution Code**	B2
Address	80 N MOORE ST						**Cross Streets**	GREENWICH ST	

Location

Service #	411140	**Problem**	BWTC	**Problem Date**	02/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/15/2002	**Start Date**	02/15/2002	**Inspection Date**	02/16/2002	**Resolution Date**	02/16/2002	**Resolution Code**	B2
Address	295 GREENWICH ST						**Cross Streets**	WARREN ST CHAMBERS ST	

Location

Service #	411307	**Problem**	BWTC	**Problem Date**	02/16/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/16/2002	**Start Date**	02/16/2002	**Inspection Date**	02/22/2002	**Resolution Date**	02/22/2002	**Resolution Code**	B2
Address	90 BEEKMAN ST						**Cross Streets**	CLIFF ST PEARL ST	

Location

Service #	411587	**Problem**	BWTC	**Problem Date**	02/18/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/18/2002	**Start Date**	02/18/2002	**Inspection Date**	02/18/2002	**Resolution Date**	02/18/2002	**Resolution Code**	B2
Address	169 HUDSON ST						**Cross Streets**		

Location

Service #	411791	**Problem**	BWTC	**Problem Date**	02/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/19/2002	**Start Date**	02/19/2002	**Inspection Date**	02/20/2002	**Resolution Date**	02/20/2002	**Resolution Code**	B2
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	411792	**Problem**	BWTC	**Problem Date**	02/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/19/2002	**Start Date**	02/19/2002	**Inspection Date**	02/19/2002	**Resolution Date**	02/19/2002	**Resolution Code**	B3
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

Location

Service #	411958	**Problem**	BWTC	**Problem Date**	02/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/19/2002	**Start Date**	02/19/2002	**Inspection Date**	02/21/2002	**Resolution Date**	02/21/2002	**Resolution Code**	B2
Address	99 BATTERY PL						**Cross Streets**	3 PL W THAMES ST	

Location

Service #	411975	**Problem**	BWTC	**Problem Date**	02/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/19/2002	**Start Date**	02/19/2002	**Inspection Date**	03/04/2002	**Resolution Date**	03/04/2002	**Resolution Code**	B2
Address	199 WATER ST						**Cross Streets**	JOHN ST FULTON ST	

Location

Service #	412091	**Problem**	BWTC	**Problem Date**	02/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/19/2002	**Start Date**	02/19/2002	**Inspection Date**	02/21/2002	**Resolution Date**	02/21/2002	**Resolution Code**	B2
Address	310 GREENWICH ST						**Cross Streets**	DUANE ST JAY ST	

Location

Service #	412095	**Problem**	BWTC	**Problem Date**	02/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/19/2002	**Start Date**	02/19/2002	**Inspection Date**	02/19/2002	**Resolution Date**	02/19/2002	**Resolution Code**	B2
Address	55 LIBERTY ST						**Cross Streets**	NASSAU ST LIBERTY PL	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	412235	**Problem**	BWTC	**Problem Date**	02/20/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/20/2002	**Start Date**	02/20/2002	**Inspection Date**	02/20/2002	**Resolution Date**	02/20/2002	**Resolution Code**	B3
Address	200 RECTOR PL						**Cross Streets**	BEND	
								S END AVE	

Location

Service #	412260	**Problem**	BWTC	**Problem Date**	02/20/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/20/2002	**Start Date**	02/20/2002	**Inspection Date**	02/20/2002	**Resolution Date**	02/20/2002	**Resolution Code**	B2
Address	7 DUTCH ST						**Cross Streets**	JOHN ST	
								FULTON ST	

Location

Service #	412505	**Problem**	BWTC	**Problem Date**	02/20/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/20/2002	**Start Date**	02/20/2002	**Inspection Date**	03/04/2002	**Resolution Date**	03/04/2002	**Resolution Code**	B2
Address	80 BEEKMAN ST						**Cross Streets**	CLIFF ST	
								PEARL ST	

Location

Service #	412680	**Problem**	BWTC	**Problem Date**	02/21/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/21/2002	**Start Date**	02/21/2002	**Inspection Date**	02/21/2002	**Resolution Date**	02/21/2002	**Resolution Code**	B2
Address	310 GREENWICH ST						**Cross Streets**	DUANE ST	
								JAY ST	

Location

Service #	412990	**Problem**	BWTC	**Problem Date**	02/21/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/21/2002	**Start Date**	02/21/2002	**Inspection Date**	02/28/2002	**Resolution Date**	02/28/2002	**Resolution Code**	B2
Address	44 TRINITY PL						**Cross Streets**	EXCHANGE ALLY	
								RECTOR ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	413003	**Problem**	BWTC	**Problem Date**	02/21/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/21/2002	**Start Date**	02/21/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	101 MURRAY ST						**Cross Streets**		

Location

Service #	413027	**Problem**	BWTC	**Problem Date**	02/21/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/21/2002	**Start Date**	02/21/2002	**Inspection Date**	02/21/2002	**Resolution Date**	02/21/2002	**Resolution Code**	B3
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

Location

Service #	413154	**Problem**	BWTC	**Problem Date**	02/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/22/2002	**Start Date**	03/22/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B7
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

Location .

Service #	413195	**Problem**	BWTC	**Problem Date**	02/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/22/2002	**Start Date**	02/22/2002	**Inspection Date**	03/14/2002	**Resolution Date**	03/14/2002	**Resolution Code**	BB3
Address	345 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	413394	**Problem**	BWTC	**Problem Date**	02/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/22/2002	**Start Date**	02/22/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B35
Address	395 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	413585	**Problem**	BWTC	**Problem Date**	02/23/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/23/2002	**Start Date**	02/23/2002	**Inspection Date**	02/23/2002	**Resolution Date**	02/23/2002	**Resolution Code**	B2
Address	150 CHAMBERS ST						**Cross Streets**	HUDSON ST GREENWICH ST	

Location

Service #	414030	**Problem**	BWTC	**Problem Date**	02/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/25/2002	**Start Date**	02/25/2002	**Inspection Date**	02/28/2002	**Resolution Date**	02/28/2002	**Resolution Code**	B2
Address	113 CHURCH ST						**Cross Streets**	PARK PL MURRAY ST	

Location

Service #	414068	**Problem**	BWTC	**Problem Date**	02/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/25/2002	**Start Date**	02/25/2002	**Inspection Date**	02/25/2002	**Resolution Date**	02/25/2002	**Resolution Code**	B35
Address	140 FULTON ST						**Cross Streets**	NASSAU ST BROADWAY	

Location

Service #	414537	**Problem**	BWTC	**Problem Date**	02/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/26/2002	**Start Date**	02/26/2002	**Inspection Date**	02/27/2002	**Resolution Date**	02/27/2002	**Resolution Code**	B2
Address	200 VESEY ST						**Cross Streets**	WEST ST N END AVE	

Location

Service #	414724	**Problem**	BWTC	**Problem Date**	02/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/27/2002	**Start Date**	02/27/2002	**Inspection Date**	02/27/2002	**Resolution Date**	02/27/2002	**Resolution Code**	B2
Address	10 MAIDEN LA						**Cross Streets**	BROADWAY LIBERTY PL	

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Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	414789	**Problem**	BWTC	**Problem Date**	02/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/27/2002	**Start Date**	02/27/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	32 PEARL ST						**Cross Streets**	MOORE ST BROAD ST	

Location

Service #	414883	**Problem**	BWTC	**Problem Date**	02/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/27/2002	**Start Date**	02/27/2002	**Inspection Date**	02/27/2002	**Resolution Date**	02/27/2002	**Resolution Code**	B2
Address	425 GREENWICH ST						**Cross Streets**	HUBERT ST LAIGHT ST	

Location

Service #	414907	**Problem**	BWTC	**Problem Date**	02/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/27/2002	**Start Date**	02/27/2002	**Inspection Date**	03/04/2002	**Resolution Date**	03/04/2002	**Resolution Code**	B2
Address	544 79 ST						**Cross Streets**	5 AVE 6 AVE	

Location

Service #	414972	**Problem**	BWTC	**Problem Date**	02/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/27/2002	**Start Date**	02/27/2002	**Inspection Date**	03/04/2002	**Resolution Date**	03/04/2002	**Resolution Code**	B2
Address	225 BROADWAY						**Cross Streets**	VESEY ST BARCLAY ST	

Location

Service #	414976	**Problem**	BWTC	**Problem Date**	02/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/27/2002	**Start Date**	02/27/2002	**Inspection Date**	02/27/2002	**Resolution Date**	02/27/2002	**Resolution Code**	B2
Address	113 CHURCH ST						**Cross Streets**	PARK PL MURRAY ST	

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Location

Service #	415139	**Problem**	BWTC	**Problem Date**	02/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/12/2002	**Start Date**	03/12/2002	**Inspection Date**	03/12/2002	**Resolution Date**	03/12/2002	**Resolution Code**	B35
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

Location

Service #	415306	**Problem**	BWTC	**Problem Date**	02/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/28/2002	**Start Date**	02/28/2002	**Inspection Date**	03/04/2002	**Resolution Date**	03/04/2002	**Resolution Code**	B2
Address	160 FRONT ST						**Cross Streets**	MAIDEN LA FLETCHER ST	

Location

Service #	415432	**Problem**	BWTC	**Problem Date**	02/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	02/28/2002	**Start Date**	02/28/2002	**Inspection Date**	02/28/2002	**Resolution Date**	02/28/2002	**Resolution Code**	B2
Address	18 MAIDEN LA						**Cross Streets**	BROADWAY LIBERTY PL	

Location

Service #	415797	**Problem**	BWTC	**Problem Date**	03/01/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/08/2002	**Start Date**	03/08/2002	**Inspection Date**	03/08/2002	**Resolution Date**	03/08/2002	**Resolution Code**	B2
Address	160 FRONT ST						**Cross Streets**	MAIDEN LA FLETCHER ST	

Location

Service #	415845	**Problem**	BWTC	**Problem Date**	03/01/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/01/2002	**Start Date**	03/01/2002	**Inspection Date**	03/25/2002	**Resolution Date**	03/25/2002	**Resolution Code**	B2
Address	79 DOUGLASS ST						**Cross Streets**	SMITH ST HOYT ST	

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Service Request Inspection Summary

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Location

Service #	415994	**Problem**	BWTC	**Problem Date**	03/02/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/02/2002	**Start Date**	03/02/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	112 FULTON ST						**Cross Streets**	DUTCH ST NASSAU ST	

Location

Service #	416201	**Problem**	BWTC	**Problem Date**	03/03/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/03/2002	**Start Date**	03/03/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	59 WARREN ST						**Cross Streets**	CHURCH ST W BROADWAY	

Location

Service #	416516	**Problem**	BWTC	**Problem Date**	03/04/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/04/2002	**Start Date**	03/04/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	57 ANN ST						**Cross Streets**	NASSAU ST WILLIAM ST	

Location

Service #	416750	**Problem**	BWTC	**Problem Date**	03/04/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/11/2002	**Start Date**	03/11/2002	**Inspection Date**	03/11/2002	**Resolution Date**	03/11/2002	**Resolution Code**	B3
Address	450 N END AVE						**Cross Streets**	WARREN ST CHAMBERS ST	

Location

Service #	416963	**Problem**	BWTC	**Problem Date**	03/05/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/05/2002	**Start Date**	03/05/2002	**Inspection Date**	03/13/2002	**Resolution Date**	03/13/2002	**Resolution Code**	B2
Address	365 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

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Location

Service #	416966	**Problem**	BWTC	**Problem Date**	03/05/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/16/2002	**Start Date**	03/16/2002	**Inspection Date**	03/16/2002	**Resolution Date**	03/16/2002	**Resolution Code**	B2
Address	380 RECTOR PL						**Cross Streets**	S END AVE	

Location

Service #	417118	**Problem**	BWTC	**Problem Date**	03/05/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/05/2002	**Start Date**	03/05/2002	**Inspection Date**	03/25/2002	**Resolution Date**	03/25/2002	**Resolution Code**	B2
Address	32 CLIFF ST						**Cross Streets**	JOHN ST FULTON ST	

Location

Service #	417313	**Problem**	BWTC	**Problem Date**	03/06/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/11/2002	**Start Date**	03/11/2002	**Inspection Date**	03/11/2002	**Resolution Date**	03/11/2002	**Resolution Code**	BZ1
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

Location

Service #	417364	**Problem**	BWTC	**Problem Date**	03/06/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/06/2002	**Start Date**	03/06/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	112 CHAMBERS ST						**Cross Streets**	CHURCH ST HUDSON ST	

Location

Service #	417367	**Problem**	BWTC	**Problem Date**	03/06/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/06/2002	**Start Date**	03/06/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	114 CHAMBERS ST						**Cross Streets**	CHURCH ST HUDSON ST	

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Location

Service #	417733	**Problem**	BWTC	**Problem Date**	03/07/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/07/2002	**Start Date**	03/07/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	450 N END AVE						**Cross Streets**	WARREN ST CHAMBERS ST	

Location

Service #	417931	**Problem**	BWTC	**Problem Date**	03/07/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/11/2002	**Start Date**	03/11/2002	**Inspection Date**	03/11/2002	**Resolution Date**	03/11/2002	**Resolution Code**	B5
Address	7 DUTCH ST						**Cross Streets**	JOHN ST FULTON ST	

Location

Service #	417984	**Problem**	BWTC	**Problem Date**	03/07/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/07/2002	**Start Date**	03/07/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	40 HARRISON ST						**Cross Streets**	GREENWICH ST WEST ST	

Location

Service #	418022	**Problem**	BWTC	**Problem Date**	03/07/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/07/2002	**Start Date**	03/07/2002	**Inspection Date**	03/07/2002	**Resolution Date**	03/07/2002	**Resolution Code**	B2
Address	47 WEST ST						**Cross Streets**	JOSEPH P WARD ST RECTOR ST	

Location

Service #	418443	**Problem**	BWTC	**Problem Date**	03/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/08/2002	**Start Date**	03/08/2002	**Inspection Date**	03/08/2002	**Resolution Date**	03/08/2002	**Resolution Code**	B8
Address	411 E 10 ST						**Cross Streets**	AVENUE C SZOLD PL	

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Location

Service #	418461	**Problem**	BWTC	**Problem Date**	03/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/16/2002	**Start Date**	03/16/2002	**Inspection Date**	03/16/2002	**Resolution Date**	03/16/2002	**Resolution Code**	B5
Address	41 JOHN ST						**Cross Streets**	NASSAU ST DUTCH ST	

Location

Service #	419173	**Problem**	BWTC	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/12/2002	**Start Date**	03/12/2002	**Inspection Date**	03/12/2002	**Resolution Date**	03/12/2002	**Resolution Code**	BZ1
Address	400 CHAMBERS ST						**Cross Streets**	N END AVE RIVER TERR	

Location

Service #	419232	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/11/2002	**Start Date**	03/11/2002	**Inspection Date**	03/12/2002	**Resolution Date**	03/12/2002	**Resolution Code**	A8
Address	200 RECTOR ST						**Cross Streets**		

Location

Service #	419238	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/11/2002	**Start Date**	03/11/2002	**Inspection Date**	03/12/2002	**Resolution Date**	03/12/2002	**Resolution Code**	B3
Address	400 CHAMBERS ST						**Cross Streets**	N END AVE RIVER TERR	

Location

Service #	419243	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/13/2002	**Resolution Code**	B35
Address	355 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

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Service Request Inspection Summary

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Location

Service #	419246	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/11/2002	**Start Date**	03/11/2002	**Inspection Date**	03/23/2002	**Resolution Date**	03/23/2002	**Resolution Code**	B2
Address	44 TRINITY PL						**Cross Streets**	EXCHANGE ALLY	
								RECTOR ST	

Location

Service #	419248	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/12/2002	**Resolution Code**	A8
Address	450 N END AVE						**Cross Streets**	WARREN ST	
								CHAMBERS ST	

Location

Service #	419271	**Problem**	BWTC	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/12/2002	**Start Date**	03/12/2002	**Inspection Date**	03/12/2002	**Resolution Date**	03/12/2002	**Resolution Code**	B4
Address	150 FRANKLIN ST						**Cross Streets**	VARICK ST	
								HUDSON ST	

Location

Service #	419293	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/11/2002	**Start Date**	03/11/2002	**Inspection Date**	03/29/2002	**Resolution Date**	03/29/2002	**Resolution Code**	B2
Address	33 GOLD ST						**Cross Streets**	JOHN ST	
								RYDERS ALLY	

Location

Service #	419296	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/12/2002	**Resolution Code**	A8
Address	46 ANN ST						**Cross Streets**	NASSAU ST	
								WILLIAM ST	

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Service Request Inspection Summary

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Location

Service #	419341	**Problem**	BWTC	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**	03/12/2002	**Inspection Date**		**Resolution Date**	03/12/2002	**Resolution Code**	B35
Address	90 GOLD ST						**Cross Streets**	SPRUCE ST	

Location

Service #	419388	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/12/2002	**Resolution Code**	A8
Address	176 GELDNER AVE						**Cross Streets**	WALDEN AVE ALTAMONT ST	

Location

Service #	419391	**Problem**	BWTCH	**Problem Date**	03/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/12/2002	**Start Date**	03/12/2002	**Inspection Date**	03/12/2002	**Resolution Date**	03/12/2002	**Resolution Code**	B35
Address	90 GOLD ST						**Cross Streets**	SPRUCE ST	

Location

Service #	419617	**Problem**	BWTC	**Problem Date**	03/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/14/2002	**Start Date**	03/14/2002	**Inspection Date**	03/14/2002	**Resolution Date**	03/14/2002	**Resolution Code**	BZ1
Address	59 WARREN ST						**Cross Streets**	CHURCH ST W BROADWAY	

Location

Service #	419680	**Problem**	BWTCH	**Problem Date**	03/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/13/2002	**Resolution Code**	A8
Address	50 BATTERY PL						**Cross Streets**	1 PL 2 PL	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	419774	**Problem**	BWTCH	**Problem Date**	03/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/21/2002	**Start Date**	03/21/2002	**Inspection Date**	03/21/2002	**Resolution Date**	03/21/2002	**Resolution Code**	B7
Address	345 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	419776	**Problem**	BWTCH	**Problem Date**	03/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/22/2002	**Start Date**	03/22/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	A2
Address	GOLD ST						**Cross Streets**	FRANKFORT ST	

Location

Service #	419880	**Problem**	BWTCH	**Problem Date**	03/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/12/2002	**Start Date**	03/12/2002	**Inspection Date**	03/14/2002	**Resolution Date**	03/14/2002	**Resolution Code**	B2
Address	333 PEARL ST						**Cross Streets**	PECK SLIP DOVER ST	

Location

Service #	420081	**Problem**	BWTCH	**Problem Date**	03/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/13/2002	**Start Date**	03/13/2002	**Inspection Date**	03/13/2002	**Resolution Date**	03/13/2002	**Resolution Code**	BZ1
Address	90 GOLD ST						**Cross Streets**	SPRUCE ST	

Location

Service #	420119	**Problem**	BWTC	**Problem Date**	03/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/21/2002	**Start Date**	03/21/2002	**Inspection Date**	03/21/2002	**Resolution Date**	03/21/2002	**Resolution Code**	B35
Address	10 LEONARD ST						**Cross Streets**	HUDSON ST W BROADWAY	

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Service Request Inspection Summary

Location

Service #	420166	**Problem**	BWTCH	**Problem Date**	03/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/13/2002	**Start Date**	03/13/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B2
Address	137 DUANE ST						**Cross Streets**	CHURCH ST W BROADWAY	

Location

Service #	420273	**Problem**	BWTCH	**Problem Date**	03/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/13/2002	**Start Date**	03/13/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B2
Address	198 BROADWAY						**Cross Streets**	DEY ST FULTON ST	

Location

Service #	420274	**Problem**	BWTCH	**Problem Date**	03/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/13/2002	**Start Date**	03/13/2002	**Inspection Date**	03/14/2002	**Resolution Date**	03/14/2002	**Resolution Code**	A8
Address	RECTOR ST						**Cross Streets**	WEST ST GREENWICH ST	

Location ON THE SOUTH SIDE EAST OF 40 RECTOR ST

Service #	420307	**Problem**	BWTCH	**Problem Date**	03/13/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/13/2002	**Start Date**	03/13/2002	**Inspection Date**	03/25/2002	**Resolution Date**	03/25/2002	**Resolution Code**	A7
Address	105 DUANE ST						**Cross Streets**	BROADWAY TRIMBLE PL	

Location

Service #	420493	**Problem**	BWTC	**Problem Date**	03/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/14/2002	**Start Date**	03/14/2002	**Inspection Date**	03/14/2002	**Resolution Date**	03/14/2002	**Resolution Code**	BB3
Address	71 BROADWAY						**Cross Streets**	EXCHANGE ALLY RECTOR ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	420496	**Problem**	BWTC	**Problem Date**	03/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/14/2002	**Start Date**	03/14/2002	**Inspection Date**	03/14/2002	**Resolution Date**	03/14/2002	**Resolution Code**	B2
Address	80 JOHN ST						**Cross Streets**	WILLIAM ST	
								GOLD ST	

Location

Service #	420658	**Problem**	BWTCH	**Problem Date**	03/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/14/2021	**Start Date**	03/14/2002	**Inspection Date**	03/14/2002	**Resolution Date**	03/14/2002	**Resolution Code**	BB3
Address	99 FULTON ST						**Cross Streets**	GOLD ST	
								WILLIAM ST	

Location

Service #	420716	**Problem**	BWTCH	**Problem Date**	03/14/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/16/2002	**Start Date**	03/16/2002	**Inspection Date**	03/16/2002	**Resolution Date**	03/16/2002	**Resolution Code**	B4
Address	34 CLIFF ST						**Cross Streets**	JOHN ST	
								FULTON ST	

Location

Service #	421024	**Problem**	BWTC	**Problem Date**	03/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/30/2002	**Start Date**	03/30/2002	**Inspection Date**	03/30/2002	**Resolution Date**	03/30/2002	**Resolution Code**	B35
Address	41 RIVER TERR						**Cross Streets**	WARREN ST	
								CHAMBERS ST	

Location

Service #	421050	**Problem**	BWTCH	**Problem Date**	03/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/15/2002	**Start Date**	03/15/2002	**Inspection Date**	03/15/2002	**Resolution Date**	03/15/2002	**Resolution Code**	B2
Address	200 RECTOR PL						**Cross Streets**	BEND	
								S END AVE	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	421051	**Problem**	BWTCH	**Problem Date**	03/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/15/2002	**Start Date**	03/15/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B2
Address	111 JOHN ST						**Cross Streets**	CLIFF ST PEARL ST	

Location

Service #	421052	**Problem**	BWTCH	**Problem Date**	03/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/15/2002	**Resolution Code**	B35
Address	200 RECTOR PL						**Cross Streets**	BEND S END AVE	

Location

Service #	421075	**Problem**	BWTCH	**Problem Date**	03/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	A2
Address	80 N MOORE ST						**Cross Streets**	GREENWICH ST	

Location

Service #	421130	**Problem**	BWTCH	**Problem Date**	03/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/27/2002	**Start Date**	03/27/2002	**Inspection Date**	03/27/2002	**Resolution Date**	03/27/2002	**Resolution Code**	B35
Address	24 MAIDEN LA						**Cross Streets**	LIBERTY PL NASSAU ST	

Location

Service #	421155	**Problem**	BWTCH	**Problem Date**	03/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/15/2002	**Start Date**	03/15/2002	**Inspection Date**	03/29/2002	**Resolution Date**	03/29/2002	**Resolution Code**	B2
Address	303 GREENWICH ST						**Cross Streets**	CHAMBERS ST READE ST	

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Location

Service #	421696	**Problem**	BWTCH	**Problem Date**	03/18/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/18/2002	**Start Date**	03/18/2002	**Inspection Date**	03/18/2002	**Resolution Date**	03/18/2002	**Resolution Code**	B35
Address	55 JOHN ST						**Cross Streets**	DUTCH ST WILLIAM ST	

Location

Service #	421845	**Problem**	BWTCH	**Problem Date**	03/18/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/01/2002	**Start Date**	04/01/2002	**Inspection Date**	04/01/2002	**Resolution Date**	04/01/2002	**Resolution Code**	B35
Address	355 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	421979	**Problem**	BWTCH	**Problem Date**	03/18/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	A2
Address	S END AVE						**Cross Streets**	W THAMES ST	

Location

Service #	421991	**Problem**	BWTCH	**Problem Date**	03/18/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/18/2002	**Start Date**	03/18/2002	**Inspection Date**	04/03/2002	**Resolution Date**	04/03/2002	**Resolution Code**	BZ1
Address	375 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	422163	**Problem**	BWTCH	**Problem Date**	03/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	B35
Address	12 JOHN ST						**Cross Streets**	BROADWAY NASSAU ST	

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Location

Service #	422227	**Problem**	BWTC	**Problem Date**	03/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/19/2002	**Start Date**	03/19/2002	**Inspection Date**	03/19/2002	**Resolution Date**	03/19/2002	**Resolution Code**	B8
Address	23 E 4 ST						**Cross Streets**	LAFAYETTE ST BOWERY	

Location

Service #	422280	**Problem**	BWTC	**Problem Date**	03/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	B35
Address	122 HENRY ST						**Cross Streets**	PIKE ST RUTGERS ST	

Location

Service #	422344	**Problem**	BWTCH	**Problem Date**	03/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	B35
Address	375 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	422351	**Problem**	BWTCH	**Problem Date**	03/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	B4
Address	176 BROADWAY						**Cross Streets**	CORTLANDT ST JOHN ST	

Location

Service #	422357	**Problem**	BWTCH	**Problem Date**	03/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/19/2002	**Start Date**	03/19/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B2
Address	106 GREENWICH ST						**Cross Streets**	RECTOR ST CARLISLE ST	

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Service #	422365	**Problem**	BWTCH	**Problem Date**	03/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/19/2002	**Start Date**	03/19/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	B2
Address	90 TRINITY PL						**Cross Streets**	RECTOR ST THAMES ST	

Location

Service #	422598	**Problem**	BWTCH	**Problem Date**	03/20/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/21/2002	**Resolution Code**	B35
Address	110 FULTON ST						**Cross Streets**	WILLIAM ST DUTCH ST	

Location

Service #	422600	**Problem**	BWTCH	**Problem Date**	03/20/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B2
Address	111 JOHN ST						**Cross Streets**	CLIFF ST PEARL ST	

Location

Service #	422642	**Problem**	BWTCH	**Problem Date**	03/20/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B2
Address	19 RECTOR ST						**Cross Streets**	GREENWICH ST WASHINGTON ST	

Location

Service #	422947	**Problem**	BWTCH	**Problem Date**	03/20/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/20/2002	**Start Date**	03/20/2002	**Inspection Date**	03/20/2002	**Resolution Date**	03/20/2002	**Resolution Code**	B2
Address	47 ANN ST						**Cross Streets**	NASSAU ST WILLIAM ST	

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Location

Service #	423287	**Problem**	BWTCH	**Problem Date**	03/21/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/22/2002	**Start Date**	03/22/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	A2
Address	77 FULTON ST						**Cross Streets**	CLIFF ST RYDERS ALLY	

Location

Service #	423666	**Problem**	BWTC	**Problem Date**	03/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/01/2002	**Resolution Code**	B35
Address	11 WALL ST						**Cross Streets**	NEW ST BROAD ST	

Location

Service #	423670	**Problem**	BWTCH	**Problem Date**	03/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/23/2002	**Start Date**	03/23/2002	**Inspection Date**	03/23/2002	**Resolution Date**	03/23/2002	**Resolution Code**	B5
Address	176 BROADWAY						**Cross Streets**	CORTLANDT ST JOHN ST	

Location

Service #	423696	**Problem**	BWTCH	**Problem Date**	03/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/22/2002	**Start Date**	03/22/2002	**Inspection Date**	03/22/2002	**Resolution Date**	03/22/2002	**Resolution Code**	B2
Address	BROADWAY						**Cross Streets**	FULTON ST	

Location

Service #	423840	**Problem**	BWTCH	**Problem Date**	03/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/22/2002	**Start Date**	03/22/2002	**Inspection Date**	03/26/2002	**Resolution Date**	03/26/2002	**Resolution Code**	B2
Address	2-26 WASHINGTON ST						**Cross Streets**		

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Service #	424448	**Problem**	BWTCH	**Problem Date**	03/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/25/2002	**Start Date**	03/25/2002	**Inspection Date**	03/25/2002	**Resolution Date**	03/25/2002	**Resolution Code**	B2
Address	395 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	424455	**Problem**	BWTCH	**Problem Date**	03/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/27/2002	**Start Date**	03/27/2002	**Inspection Date**	03/27/2002	**Resolution Date**	03/27/2002	**Resolution Code**	B4
Address	12 JOHN ST						**Cross Streets**	BROADWAY NASSAU ST	

Location

Service #	424511	**Problem**	BWTCH	**Problem Date**	03/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/25/2002	**Start Date**	03/25/2002	**Inspection Date**	03/25/2002	**Resolution Date**	03/25/2002	**Resolution Code**	B2
Address	12 JOHN ST						**Cross Streets**	BROADWAY NASSAU ST	

Location

Service #	424516	**Problem**	BWTCH	**Problem Date**	03/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/27/2002	**Start Date**	03/27/2002	**Inspection Date**	03/27/2002	**Resolution Date**	03/27/2002	**Resolution Code**	BZ1
Address	225 BROADWAY						**Cross Streets**	VESEY ST BARCLAY ST	

Location

Service #	424521	**Problem**	BWTCH	**Problem Date**	03/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/27/2002	**Start Date**	03/27/2002	**Inspection Date**	03/27/2002	**Resolution Date**	03/27/2002	**Resolution Code**	B5
Address	BROADWAY						**Cross Streets**	JOHN ST	

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Service #	424859	**Problem**	BWTCH	**Problem Date**	03/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/26/2002	**Resolution Code**	A8
Address	225 BROADWAY						**Cross Streets**	VESEY ST BARCLAY ST	

Location

Service #	424861	**Problem**	BWTCH	**Problem Date**	03/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/26/2002	**Resolution Code**	B35
Address	180 WATER ST						**Cross Streets**	FLETCHER ST JOHN ST	

Location

Service #	424866	**Problem**	BWTCH	**Problem Date**	03/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/26/2002	**Resolution Code**	A8
Address	215 S END AVE						**Cross Streets**	RECTOR PL ALBANY ST	

Location

Service #	424917	**Problem**	BWTCH	**Problem Date**	03/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/26/2002	**Start Date**	03/26/2002	**Inspection Date**	04/04/2002	**Resolution Date**	04/04/2002	**Resolution Code**	BZ1
Address	375 S END AVE						**Cross Streets**	ALBANY ST LIBERTY ST	

Location

Service #	424920	**Problem**	BWTCH	**Problem Date**	03/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/26/2002	**Start Date**	03/26/2002	**Inspection Date**	04/03/2002	**Resolution Date**	04/03/2002	**Resolution Code**	B2
Address	33 GOLD ST						**Cross Streets**	JOHN ST RYDERS ALLY	

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Location

Service #	424923	**Problem**	BWTCH	**Problem Date**	03/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/27/2002	**Start Date**	03/27/2002	**Inspection Date**	03/27/2002	**Resolution Date**	03/27/2002	**Resolution Code**	B2
Address	88 GREENWICH ST						**Cross Streets**	EDGAR ST RECTOR ST	

Location

Service #	424988	**Problem**	BWTCH	**Problem Date**	03/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/27/2002	**Start Date**	03/27/2002	**Inspection Date**	03/27/2002	**Resolution Date**	03/27/2002	**Resolution Code**	BZ1
Address	90 WILLIAM ST						**Cross Streets**	MAIDEN LA PLATT ST	

Location

Service #	425359	**Problem**	BWTCH	**Problem Date**	03/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/27/2002	**Start Date**	03/27/2002	**Inspection Date**	04/08/2002	**Resolution Date**	04/08/2002	**Resolution Code**	B2
Address	40 HARRISON ST						**Cross Streets**	GREENWICH ST WEST ST	

Location

Service #	425519	**Problem**	BWTCH	**Problem Date**	03/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/28/2002	**Start Date**	03/28/2002	**Inspection Date**	03/28/2002	**Resolution Date**	03/28/2002	**Resolution Code**	BZ1
Address	N MOORE ST						**Cross Streets**	WEST ST	

Location

Service #	425726	**Problem**	BWTC	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/28/2002	**Start Date**	03/28/2002	**Inspection Date**	03/29/2002	**Resolution Date**	03/29/2002	**Resolution Code**	B2
Address	22 CORTLANDT ST						**Cross Streets**	BROADWAY CHURCH ST	

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Location

Service #	425759	**Problem**	BWTC	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/28/2002	**Start Date**	03/28/2002	**Inspection Date**	04/02/2002	**Resolution Date**	04/02/2002	**Resolution Code**	B2
Address	44 TRINITY PL						**Cross Streets**	EXCHANGE ALLY	
								RECTOR ST	

Location

Service #	425871	**Problem**	BWTCH	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/05/2002	**Start Date**	04/05/2002	**Inspection Date**	04/06/2002	**Resolution Date**	04/06/2002	**Resolution Code**	B35
Address	395 S END AVE						**Cross Streets**	ALBANY ST	
								LIBERTY ST	

Location

Service #	426028	**Problem**	BWTCH	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/29/2002	**Start Date**	03/29/2002	**Inspection Date**	03/29/2002	**Resolution Date**	03/29/2002	**Resolution Code**	B2
Address	1 BATTERY PARK PLZA						**Cross Streets**	PEARL ST	
								BRIDGE ST	

Location

Service #	426045	**Problem**	BWTCH	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/28/2002	**Start Date**	03/28/2002	**Inspection Date**	03/29/2002	**Resolution Date**	03/29/2002	**Resolution Code**	B2
Address	47 ANN ST						**Cross Streets**	NASSAU ST	
								WILLIAM ST	

Location

Service #	426062	**Problem**	BWTCH	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/29/2002	**Resolution Code**	B7
Address	308 MC GUINNESS BLVD						**Cross Streets**	INDIA ST	
								HURON ST	

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Location

Service #	426071	**Problem**	BWTCH	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/29/2002	**Start Date**	03/29/2002	**Inspection Date**	03/29/2002	**Resolution Date**	03/29/2002	**Resolution Code**	B2
Address	176 BROADWAY						**Cross Streets**	CORTLANDT ST	
								JOHN ST	

Location

Service #	426073	**Problem**	BWTCH	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/28/2002	**Start Date**	03/28/2002	**Inspection Date**	03/28/2002	**Resolution Date**	03/28/2002	**Resolution Code**	B2
Address	150 FRANKLIN ST						**Cross Streets**	VARICK ST	
								HUDSON ST	

Location

Service #	426085	**Problem**	BWTCH	**Problem Date**	03/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	03/29/2002	**Start Date**	03/29/2002	**Inspection Date**	03/29/2002	**Resolution Date**	03/29/2002	**Resolution Code**	B2
Address	88 GREENWICH ST						**Cross Streets**	EDGAR ST	
								RECTOR ST	

Location

Service #	426347	**Problem**	BWTCH	**Problem Date**	03/29/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	03/29/2002	**Resolution Code**	B35
Address	80 BEEKMAN ST						**Cross Streets**	CLIFF ST	
								PEARL ST	

Location

Service #	428038	**Problem**	BWTCH	**Problem Date**	04/02/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/02/2002	**Start Date**	04/02/2002	**Inspection Date**	04/02/2002	**Resolution Date**	04/02/2002	**Resolution Code**	BZ1
Address	41 RIVER TERR						**Cross Streets**	WARREN ST	
								CHAMBERS ST	

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Location

Service #	428724	**Problem**	BWTCH	**Problem Date**	04/03/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/03/2002	**Start Date**	04/03/2002	**Inspection Date**	04/04/2002	**Resolution Date**	04/04/2002	**Resolution Code**	B2
Address	41 N MOORE ST							**Cross Streets**	VARICK ST HUDSON ST

Location

Service #	428751	**Problem**	BWTCH	**Problem Date**	04/03/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/03/2002	**Start Date**	04/03/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B2
Address	101 BARCLAY ST							**Cross Streets**	GREENWICH ST WASHINGTON ST

Location

Service #	428752	**Problem**	BWTCH	**Problem Date**	04/03/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/03/2002	**Start Date**	04/03/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B2
Address	377 RECTOR PL							**Cross Streets**	S END AVE BEND

Location

Service #	429226	**Problem**	BWTCH	**Problem Date**	04/04/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/04/2002	**Start Date**	04/04/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B2
Address	9 PINE ST							**Cross Streets**	BROADWAY NASSAU ST

Location

Service #	429333	**Problem**	BWTCH	**Problem Date**	04/04/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/04/2002	**Start Date**	04/04/2002	**Inspection Date**	04/16/2002	**Resolution Date**	04/16/2002	**Resolution Code**	B8
Address	250 S END AVE							**Cross Streets**	RECTOR PL ALBANY ST

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Location

Service #	429730	**Problem**	BWTCH	**Problem Date**	04/05/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/09/2002	**Start Date**	04/09/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	A2
Address	ALBANY ST						**Cross Streets**	S END AVE	

Location

Service #	429732	**Problem**	BWTCH	**Problem Date**	04/05/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/05/2002	**Start Date**	04/05/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B2
Address	150 CHAMBERS ST						**Cross Streets**	HUDSON ST GREENWICH ST	

Location

Service #	429771	**Problem**	BWTCH	**Problem Date**	04/05/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/23/2002	**Start Date**	04/23/2002	**Inspection Date**	04/23/2002	**Resolution Date**	04/23/2002	**Resolution Code**	A2
Address	59 FRANKLIN ST						**Cross Streets**	LAFAYETTE ST CORTLANDT ALLY	

Location

Service #	429983	**Problem**	BWTCH	**Problem Date**	04/05/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/05/2002	**Start Date**	04/05/2002	**Inspection Date**	06/21/2002	**Resolution Date**	06/21/2002	**Resolution Code**	B35
Address	15 ST JAMES PL						**Cross Streets**	PEARL ST MADISON ST	

Location

Service #	430135	**Problem**	BWTC	**Problem Date**	04/06/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/06/2002	**Start Date**	04/06/2002	**Inspection Date**	04/06/2002	**Resolution Date**	04/06/2002	**Resolution Code**	B2
Address	90 GOLD ST						**Cross Streets**	SPRUCE ST	

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Location

Service #	430741	**Problem**	BWTCH	**Problem Date**	04/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/08/2002	**Start Date**	04/08/2002	**Inspection Date**	04/11/2002	**Resolution Date**	04/11/2002	**Resolution Code**	B2
Address	131 DUANE ST						**Cross Streets**	CHURCH ST W BROADWAY	

Location

Service #	430785	**Problem**	BWTCH	**Problem Date**	04/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/08/2002	**Start Date**	04/08/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B2
Address	80 BEEKMAN ST						**Cross Streets**	CLIFF ST PEARL ST	

Location

Service #	430894	**Problem**	BWTCH	**Problem Date**	04/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/08/2002	**Start Date**	04/08/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B2
Address	125 CEDAR ST						**Cross Streets**	TRINITY PL GREENWICH ST	

Location

Service #	431011	**Problem**	BWTCH	**Problem Date**	04/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/08/2002	**Start Date**	04/08/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B2
Address	12 JOHN ST						**Cross Streets**	BROADWAY NASSAU ST	

Location

Service #	431039	**Problem**	BWTCH	**Problem Date**	04/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/10/2002	**Resolution Code**	BZ1
Address	80 WARREN ST						**Cross Streets**	W BROADWAY GREENWICH ST	

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Service Request Inspection Summary

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Location

Service #	431341	**Problem**	BWTC	**Problem Date**	04/09/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/09/2002	**Start Date**	04/09/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B5
Address	21 S END AVE						**Cross Streets**	DEAD END W THAMES ST	

Location

Service #	431478	**Problem**	BWTCH	**Problem Date**	04/09/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/09/2002	**Start Date**	04/09/2002	**Inspection Date**	04/09/2002	**Resolution Date**	04/09/2002	**Resolution Code**	B5
Address	55 LIBERTY ST						**Cross Streets**	NASSAU ST LIBERTY PL	

Location

Service #	431934	**Problem**	BWTCH	**Problem Date**	04/10/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/12/2002	**Start Date**	04/12/2002	**Inspection Date**	04/12/2002	**Resolution Date**	04/12/2002	**Resolution Code**	A2
Address	107 SULLIVAN ST						**Cross Streets**	SPRING ST PRINCE ST	

Location

Service #	431939	**Problem**	BWTCH	**Problem Date**	04/10/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/10/2002	**Start Date**	04/10/2002	**Inspection Date**	04/16/2002	**Resolution Date**	04/16/2002	**Resolution Code**	B8
Address	200 LIBERTY ST						**Cross Streets**	WEST ST S END AVE	

Location

Service #	432287	**Problem**	BWTCH	**Problem Date**	04/10/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/10/2002	**Start Date**	04/10/2002	**Inspection Date**	04/10/2002	**Resolution Date**	04/10/2002	**Resolution Code**	B5
Address	114 LIBERTY ST						**Cross Streets**	CHURCH ST GREENWICH ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	432713	**Problem**	BWTCH	**Problem Date**	04/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/12/2002	**Resolution Code**	A8
Address	75 PARK PL						**Cross Streets**	W BROADWAY GREENWICH ST	

Location

Service #	432715	**Problem**	BWTCH	**Problem Date**	04/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/12/2002	**Resolution Code**	A8
Address	66 JOHN ST						**Cross Streets**	DUTCH ST WILLIAM ST	

Location

Service #	432775	**Problem**	BWTCH	**Problem Date**	04/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/11/2002	**Start Date**	04/11/2002	**Inspection Date**	04/11/2002	**Resolution Date**	04/11/2002	**Resolution Code**	B5
Address	148 CHAMBERS ST						**Cross Streets**	HUDSON ST GREENWICH ST	

Location

Service #	432827	**Problem**	BWTCH	**Problem Date**	04/11/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/11/2002	**Start Date**	04/11/2002	**Inspection Date**	04/11/2002	**Resolution Date**	04/11/2002	**Resolution Code**	BZ1
Address	60 CENTRE ST						**Cross Streets**	PEARL ST FOLEY SQ	

Location

Service #	433203	**Problem**	BWTC	**Problem Date**	04/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/12/2002	**Start Date**	04/12/2002	**Inspection Date**	04/19/2002	**Resolution Date**	04/19/2002	**Resolution Code**	B35
Address	176 BROADWAY						**Cross Streets**	CORTLANDT ST JOHN ST	

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Location

Service #	433260	**Problem**	BWTCH	**Problem Date**	04/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/12/2002	**Resolution Code**	A8
Address	147 CHAMBERS ST							**Cross Streets**	HUDSON ST GREENWICH ST

Location

Service #	433266	**Problem**	BWTCH	**Problem Date**	04/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/12/2002	**Resolution Code**	A8
Address	150 CHAMBERS ST							**Cross Streets**	HUDSON ST GREENWICH ST

Location 150-52 CHAMBERS ST

Service #	433277	**Problem**	BWTCH	**Problem Date**	04/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/12/2002	**Resolution Code**	A8
Address	156 CHAMBERS ST							**Cross Streets**	HUDSON ST GREENWICH ST

Location

Service #	433399	**Problem**	BWTCH	**Problem Date**	04/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/16/2002	**Resolution Code**	A8
Address	130 LIBERTY ST							**Cross Streets**	GREENWICH ST WASHINGTON ST

Location

Service #	433402	**Problem**	BWTCH	**Problem Date**	04/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/18/2002	**Resolution Code**	A8
Address	60 WALL ST							**Cross Streets**	HANOVER ST PEARL ST

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Location

Service #	433408	**Problem**	BWTCH	**Problem Date**	04/12/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/13/2002	**Start Date**	04/13/2002	**Inspection Date**	04/13/2002	**Resolution Date**	04/13/2002	**Resolution Code**	A2
Address	80 N MOORE ST						**Cross Streets**	GREENWICH ST	

Location

Service #	434378	**Problem**	BWTCH	**Problem Date**	04/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/18/2002	**Resolution Code**	A8
Address	333 RECTOR PL						**Cross Streets**	S END AVE BEND	

Location APT 8E

Service #	434522	**Problem**	BWTCH	**Problem Date**	04/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/15/2002	**Start Date**	04/15/2002	**Inspection Date**	06/21/2002	**Resolution Date**	06/21/2002	**Resolution Code**	B35
Address	380 RECTOR ST						**Cross Streets**		

Location

Service #	434526	**Problem**	BWTCH	**Problem Date**	04/15/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/15/2002	**Start Date**	04/15/2002	**Inspection Date**	04/15/2002	**Resolution Date**	04/15/2002	**Resolution Code**	B8
Address	84 WILLIAM ST						**Cross Streets**	MAIDEN LA PLATT ST	

Location

Service #	434793	**Problem**	BWTC	**Problem Date**	04/16/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/16/2002	**Start Date**	04/16/2002	**Inspection Date**	06/21/2002	**Resolution Date**	06/21/2002	**Resolution Code**	B35
Address	155 CHAMBERS ST						**Cross Streets**	HUDSON ST GREENWICH ST	

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Location

Service #	435482	**Problem**	BWTCH	**Problem Date**	04/17/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/17/2002	**Start Date**	04/17/2002	**Inspection Date**	06/21/2002	**Resolution Date**	06/21/2002	**Resolution Code**	B35
Address	160 FRONT ST						**Cross Streets**	MAIDEN LA FLETCHER ST	

Location

Service #	435559	**Problem**	BWTC	**Problem Date**	04/17/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/17/2002	**Start Date**	04/17/2002	**Inspection Date**	04/17/2002	**Resolution Date**	04/17/2002	**Resolution Code**	B7
Address	56 GREENWICH AVE						**Cross Streets**	CHARLES ST PERRY ST	

Location

Service #	435745	**Problem**	BWTCH	**Problem Date**	04/17/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/17/2002	**Start Date**	04/17/2002	**Inspection Date**	04/17/2002	**Resolution Date**	04/17/2002	**Resolution Code**	B2
Address	19 VESTRY ST						**Cross Streets**	HOLLAND TUNNEL EXIT HUDSON ST	

Location

Service #	435747	**Problem**	BWTCH	**Problem Date**	04/17/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/17/2002	**Start Date**	04/17/2002	**Inspection Date**	06/21/2002	**Resolution Date**	06/21/2002	**Resolution Code**	B35
Address	350 ALBANY ST						**Cross Streets**	S END AVE DEAD END	

Location

Service #	437124	**Problem**	BWTCH	**Problem Date**	04/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/19/2002	**Resolution Code**	A8
Address	100 CHURCH ST						**Cross Streets**	BARCLAY ST PARK PL	

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Service Request Inspection Summary

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Location

Service #	437126	**Problem**	BWTCH	**Problem Date**	04/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date		**Start Date**		**Inspection Date**		**Resolution Date**	04/19/2002	**Resolution Code**	A8
Address	110 FULTON ST						**Cross Streets**	WILLIAM ST	
								DUTCH ST	

Location

Service #	437226	**Problem**	BWTCH	**Problem Date**	04/19/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/19/2002	**Start Date**	04/19/2002	**Inspection Date**	04/19/2002	**Resolution Date**	04/19/2002	**Resolution Code**	B35
Address	116 HENRY ST						**Cross Streets**	CLARK ST	
								LOVE LA	

Location

Service #	438204	**Problem**	BWTCH	**Problem Date**	04/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/23/2002	**Start Date**	04/23/2002	**Inspection Date**	04/23/2002	**Resolution Date**	04/23/2002	**Resolution Code**	B2
Address	150 BROADWAY						**Cross Streets**	LIBERTY ST	
								CORTLANDT ST	

Location

Service #	438277	**Problem**	BWTCH	**Problem Date**	04/22/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/22/2002	**Start Date**	04/22/2002	**Inspection Date**	04/22/2002	**Resolution Date**	04/22/2002	**Resolution Code**	B35
Address	375 S END AVE						**Cross Streets**	ALBANY ST	
								LIBERTY ST	

Location

Service #	439008	**Problem**	BWTCH	**Problem Date**	04/23/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/23/2002	**Start Date**	04/23/2002	**Inspection Date**	04/23/2002	**Resolution Date**	04/23/2002	**Resolution Code**	B35
Address	395 S END AVE						**Cross Streets**	ALBANY ST	
								LIBERTY ST	

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Service Request Inspection Summary

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Location

Service #	439025	**Problem**	BWTCH	**Problem Date**	04/23/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/24/2002	**Start Date**	04/24/2002	**Inspection Date**	04/24/2002	**Resolution Date**	04/24/2002	**Resolution Code**	B5
Address	80 JOHN ST						**Cross Streets**	WILLIAM ST	
								GOLD ST	

Location

Service #	439637	**Problem**	BWTCH	**Problem Date**	04/24/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/24/2002	**Start Date**	04/24/2002	**Inspection Date**	04/24/2002	**Resolution Date**	04/24/2002	**Resolution Code**	B2
Address	131 BROOME ST						**Cross Streets**	PITT ST	
								RIDGE ST	

Location

Service #	439962	**Problem**	BWTCH	**Problem Date**	04/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/25/2002	**Start Date**	04/25/2002	**Inspection Date**	04/25/2002	**Resolution Date**	04/25/2002	**Resolution Code**	A5
Address	40 MADISON ST						**Cross Streets**	ST JAMES PL	
								JAMES ST	

Location

Service #	439985	**Problem**	BWTCH	**Problem Date**	04/25/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/25/2002	**Start Date**	04/25/2002	**Inspection Date**	04/25/2002	**Resolution Date**	04/25/2002	**Resolution Code**	B35
Address	380 RECTOR PL						**Cross Streets**	S END AVE	

Location

Service #	440757	**Problem**	BWTCH	**Problem Date**	04/26/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/26/2002	**Start Date**	04/26/2002	**Inspection Date**	04/26/2002	**Resolution Date**	04/26/2002	**Resolution Code**	BB3
Address	310 GREENWICH ST						**Cross Streets**	DUANE ST	
								JAY ST	

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Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	441096	**Problem**	BWTC	**Problem Date**	04/27/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/27/2002	**Start Date**	04/27/2002	**Inspection Date**	06/24/2002	**Resolution Date**	06/24/2002	**Resolution Code**	B35
Address	37 SPRING ST						**Cross Streets**	MOTT ST MULBERRY ST	

Location

Service #	441337	**Problem**	BWTC	**Problem Date**	04/28/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	04/28/2002	**Start Date**	04/28/2002	**Inspection Date**	04/28/2002	**Resolution Date**	04/28/2002	**Resolution Code**	A5
Address	68 MONTAGUE ST						**Cross Streets**	MONTAGUE TERR HICKS ST	

Location

Service #	444166	**Problem**	BWTCH	**Problem Date**	05/03/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	05/03/2002	**Start Date**	05/03/2002	**Inspection Date**	05/03/2002	**Resolution Date**	05/03/2002	**Resolution Code**	B6
Address	10 CATHERINE SLIP						**Cross Streets**	CATHERINE ST UNNAMED ST	

Location

Service #	444179	**Problem**	BWTCH	**Problem Date**	05/03/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	05/03/2002	**Start Date**	05/03/2002	**Inspection Date**	05/03/2002	**Resolution Date**	05/03/2002	**Resolution Code**	BZ1
Address	RECTOR ST						**Cross Streets**	TRINITY PL	

Location

Service #	444264	**Problem**	BWTC	**Problem Date**	05/03/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	05/03/2002	**Start Date**	05/03/2002	**Inspection Date**	05/03/2002	**Resolution Date**	05/03/2002	**Resolution Code**	B7
Address	56 GREENWICH AVE						**Cross Streets**	CHARLES ST PERRY ST	

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Service Request Inspection Summary

Report Date 07/02/2003 11:59 AM **Submitted By**

Location

Service #	445158	**Problem**	BWTC	**Problem Date**	05/06/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	05/06/2002	**Start Date**	05/06/2002	**Inspection Date**	05/06/2002	**Resolution Date**	05/06/2002	**Resolution Code**	B5
Address	55 LIBERTY ST						**Cross Streets**	NASSAU ST LIBERTY PL	

Location

Service #	446070	**Problem**	BWTCH	**Problem Date**	05/07/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	06/14/2002	**Start Date**	06/14/2002	**Inspection Date**	06/14/2002	**Resolution Date**	06/14/2002	**Resolution Code**	BZ1
Address	109 READE ST						**Cross Streets**	CHURCH ST W BROADWAY	

Location

Service #	446537	**Problem**	BWTC	**Problem Date**	05/08/2002	**Link #**	1	**Case Attached**	N
Scheduled Date	05/08/2002	**Start Date**	05/08/2002	**Inspection Date**	06/21/2002	**Resolution Date**	06/21/2002	**Resolution Code**	B35
Address	19 RECTOR ST						**Cross Streets**	GREENWICH ST WASHINGTON ST	

Location

End of Report

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Salient difference between Gramercy & WTC Cleanup

- The source, steam pipe covered with higher percentage of asbestos containing material (ACM), was identifiable.
- The dilution factor was minimal (the asbestos mixed with limited amount of soil and concentration of was higher in bulk & air sample) in the case of Gramercy. At WTC, the small amount of ACM was mixed with enormous amount of concrete and other building material and the dilution factor was so high resulting in non-detectable or low levels of ACM in the resulting mixture.
- At Gramercy samples taken buildings revealed higher percentage of ACM in both air and bulk samples.
- The area of contamination was limited to couple of blocks.
- Con Edison who caused the accident took the responsibility of cleaning the area.

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The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York
11368-5107

Joel A. Miele Sr., P.E.
Commissioner

October 25, 2001

Dear Residents of Lower Manhattan:

Since September 11th, the U.S. Environmental Protection Agency (EPA), NYC Department of Environmental Protection (DEP), NYC Department of Health (DOH), and the Occupational Safety and Health Administration (OSHA), have been taking samples of the air, dust, water, river sediments and drinking water and analyzing them for the presence of pollutants. The samples are evaluated against a variety of benchmarks, standards and guidelines established to protect public health under various conditions. These agencies consider the amount of time a person is exposed to a particular pollutant and where—a school, workplace or home—in creating these criteria.

The following is a description of some of the benchmarks, standards and guidelines these agencies are using to evaluate environmental conditions in the aftermath of the World Trade Center disaster.

Asbestos in the Air / in Open Spaces

EPA is requiring the strictest protective standard under AHERA, the Asbestos Hazard Emergency Response Act, for asbestos in outdoor and indoor areas. (This standard is used to determine whether children may reenter a school building after asbestos has been removed or abated.) To be as protective as possible, EPA, together with NYCDEP and all the other health and environmental agencies, are requiring school reentry standards in tests around the World Trade Center site. NYCDEP, USEPA, and NYC Department of Sanitation worked to perform cleanups of all dust in exterior areas with HEPA vacuums and wetwashing. **NYCDEP and EPA have both conducted tests in exterior spaces and all exterior areas of Lower Manhattan that were closed passed their strict protective standards before being opened again to the public.**

Asbestos in Dust in Buildings

If a substance contains more than 1% asbestos, it is considered to be an "asbestos-containing material." There are Federal, State, and City regulations in place to ensure the proper handling and disposal of asbestos-containing material. If a substance contains 1% or less asbestos, these regulations do not apply.

EPA is using the 1% definition in evaluating exterior dust samples in the Lower Manhattan area near the World Trade Center. All affected landlords have been instructed to test dust samples within their build-

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ings utilizing this standard. Landlords were notified that they should not reopen any building until a competent professional had properly inspected their premise. If more than 1% asbestos was found and testing and cleaning was necessary, it had to be performed by certified personnel.

Drinking Water

NYC DEP continuously tests drinking water every day for multiple parameters. After the World Trade Center disaster, DEP expanded the number of tests taken and the parameters of testing. EPA also conducted separate tests. **Before and after the event, New York City drinking water has met and continues to meet all Federal, State, and City standards. Testing at a heightened level is continuing.**

NYC Department of Health

The New York City Health Commissioner Neal L. Cohen, M.D. has reviewed the findings of the various testing agencies and issued the following statements to residents. He said "despite the smoky conditions in areas of lower Manhattan that are close to the World Trade Center site, test results from the ongoing monitoring of airborne contaminants indicate that the levels continue to be below the level of concern to public health. Nonetheless, while debris continues to be disturbed, and while flare-ups of smoke continue to permeate the downtown area, air-testing results will continue to be monitored, and appropriate health recommendations will be issued as necessary." Dr. Cohen added, "As work continues at the disaster site, the presence of dust and smoke odor in the downtown area has been of understandable concern to residents. **However, air monitoring by Federal, State and City agencies has indicated that the levels of particulate matter being detected are below the level of public health concern and do not pose long-term health risks to the general public."**

In addition to air monitoring activities, efforts are being made daily to suppress dust and smoke at the World Trade Center disaster site. Results of daily dust sampling conducted by the U.S. Environmental Protection Agency is available online at epa.gov. Factsheets detailing Health Department recommendations pertaining to air quality, asbestos, safely reoccupying homes and buildings, and worker safety are available online at nyc.gov/health. For more information about all Health Department activities, New Yorkers can call **(212) 227-5269.** For information about asbestos issues, you can consult our website at nyc.gov/dep or call the New York City Department of Environmental Protection at **(718) DEP-HELP** and ask to be referred to our asbestos staff.

Very truly yours,

Joel A. Miele Sr., P.E.
Commissioner

NYC-WTC 000146249

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Press Release

New York City Department of Health

Office of Public Affairs

FOR IMMEDIATE RELEASE
CONTACT: Sandra Mullin/Greg Butler

Friday, October 5, 2001
(212) 295-5335/5336

NYC HEALTH DEPARTMENT RESPONDS TO CONCERNS ABOUT AIR QUALITY IN LOWER MANHATTAN

New York City Health Commissioner Neal L. Cohen, M.D., today informed New Yorkers that despite the smoky conditions in areas of lower Manhattan that are close to the World Trade Center site, test results from the ongoing monitoring of airborne contaminants indicate that the levels continue to be below the level of concern to public health. Nonetheless, while debris continues to be disturbed, and while flare ups of smoke continue to permeate the downtown area, air testing results will continue to be monitored, and appropriate health recommendations will be issued as necessary.

Dr. Cohen added, "As work continues at the disaster site, the presence of dust and smoke odor in the downtown area has been of understandable concern to residents. However, air monitoring by Federal, State and City agencies has indicated that the levels of particulate matter being detected are below the level of public health concern and do not pose long-term health risks to the general public. Some individuals with underlying respiratory conditions, such as asthma, may experience exacerbation of symptoms, and other persons may also experience short-term discomfort including irritation of the eyes, nose, and throat."

In addition to air monitoring activities, efforts are being made daily to suppress dust and smoke at the World Trade Center disaster site. Results of daily dust sampling conducted by the U.S. Environmental Protection Agency is available online at epa.gov. Fact sheets detailing Health Department recommendations pertaining to air quality, asbestos, safely re-occupying homes and buildings, and worker safety are available online at nyc.gov/health. For more information about all Health Department activities, New Yorkers can call (212) 227-5269.

#89

Go to Press Release page || Public Information page || NYC DOH Home page || Health Topics || General Information & Hotlines || Publications
NYC.gov Home Page || Mayor's Office || City Agencies || Services || News and Features || City Life || Contact Us || Search

NYC-WTC 000146250

NYC 9/11 Public Portal Document

The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York
11368-5107

Joel A. Miele Sr., P.E.
Commissioner

October 25, 2001

Dear Residents of Battery Park City:

Since September 11th, the U.S. Environmental Protection Agency (EPA), NYC Department of Environmental Protection (DEP), NYC Department of Health (DOH), and the Occupational Safety and Health Administration (OSHA), have been taking samples of the air, dust, water, river sediments and drinking water and analyzing them for the presence of pollutants. The samples are evaluated against a variety of benchmarks, standards and guidelines established to protect public health under various conditions. These agencies consider the amount of time a person is exposed to a particular pollutant and where—a school, workplace or home—in creating these criteria.

The following is a description of some of the benchmarks, standards and guidelines these agencies are using to evaluate environmental conditions in the aftermath of the World Trade Center disaster.

Asbestos in the Air / in Open Spaces

EPA is requiring the strictest protective standard under AHERA, the Asbestos Hazard Emergency Response Act, for asbestos in outdoor and indoor areas. (This standard is used to determine whether children may reenter a school building after asbestos has been removed or abated.) To be as protective as possible, EPA, together with NYCDEP and all the other health and environmental agencies, are requiring school reentry standards in tests around the World Trade Center site. NYCDEP, USEPA, and NYC Department of Sanitation worked with the Battery Park City Authority and owners of area buildings to perform cleanups of all dust in **exterior** areas with HEPAvacuums and wetwashing. **NYCDEP and EPA have both conducted tests in exterior spaces and all exterior areas of Battery Park City passed their strict protective standards before being opened again to the public.**

Asbestos in Dust in Buildings

If a substance contains more than 1% asbestos, it is considered to be an "asbestos-containing material." There are federal, state, and city regulations in place to ensure the proper handling and disposal of asbestos-containing material. If a substance contains 1% or less asbestos, these regulations do ~~not apply.~~

EPA is using the 1% definition in evaluating exterior dust samples from in and around Battery Park City. All Battery Park City landlords

www.nyc.gov/dep
(718) DEP-HELP

NYC-WTC_000146251

NYC 9/11 Public Portal Document

have been instructed to test dust samples within their buildings utilizing this standard. **All Battery Park City landlords were notified that they should not reopen any building until a competent professional had properly inspected their premise. If more than 1% asbestos was found and testing and cleaning was necessary, it had to be performed by certified personnel.**

Drinking Water

NYC DEP continuously tests drinking water every day for multiple parameters. After the World Trade Center disaster, DEP expanded the number of tests taken and the parameters of testing. EPA also conducted separate tests. **Before and after the event, New York City drinking water has met and continues to meet all Federal, State, and City standards. Testing at a heightened level is continuing.**

NYC Department of Health

The New York City Health Commissioner Neal L. Cohen, M.D. has reviewed the findings of the various testing agencies and issued the following statements to residents. He said "despite the smoky conditions in areas of lower Manhattan that are close to the World Trade Center site, test results from the ongoing monitoring of airborne contaminants indicate that the levels continue to be below the level of concern to public health. Nonetheless, while debris continues to be disturbed, and while flare-ups of smoke continue to permeate the downtown area, air-testing results will continue to be monitored, and appropriate health recommendations will be issued as necessary." Dr. Cohen added, "As work continues at the disaster site, the presence of dust and smoke odor in the downtown area has been of understandable concern to residents. **However, air monitoring by Federal, State and City agencies has indicated that the levels of particulate matter being detected are below the level of public health concern and do not pose long-term health risks to the general public."**

In addition to air monitoring activities, efforts are being made daily to suppress dust and smoke at the World Trade Center disaster site. Results of daily dust sampling conducted by the U.S. Environmental Protection Agency is available online at epa.gov. Factsheets detailing Health Department recommendations pertaining to air quality, asbestos, safely reoccupying homes and buildings, and worker safety are available online at nyc.gov/health. For more information about all Health Department activities, New Yorkers can call **(212) 227-5269.** For information about asbestos issues, you can consult our website at nyc.gov/dep or call the New York City Department of Environmental Protection at **(718) DEP-HELP** and ask to be referred to our asbestos staff.

Very truly yours,

Joel A. Miele Sr., P.E.
Commissioner

NYC-WTC 000146252

NYC 9/11 Public Portal Document

DIVIDER

NYC 9/11 Public Portal Document

ATTACHMENT

6

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 050GHN02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

EMERGENCY ER48/02

1. EX (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities .

I. FACILITY

2. Address GROUND ZERO @ along Liberty St bet West & Church Borough Manhattan Zip 10048

AKA B6 Level @ South Slurry Wall 3. Block 58 4. Lot 1

5. Type of Facility Former WTC site 6. Name of Building South Slurry Wall

II. BUILDING OWNER

7. Name New York City Department of Design and Construction 8. Contact Person Bob Adams

9. Tel. # (917) 939-6744 Fax # _____

10. Address 30-30 Thomson Avenue City New York State NY Zip _____

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Don Adler

14. Federal Employer ID. [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates 18. Contact Person Fred Burkhardt

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # _____

21. Address 104 East 25th Street City New York State NY Zip 10010

22. Sample Analysis Laboratory ATC Associates 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 4/12/02 Projected completion date 5/12/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☑ am ☐ pm

If other, specify Project is being run 24hours/day 7 days/week.

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

0 Square Feet, and/or 4,500 Linear Feet

RECEIVED
APR 15 2002
DEP/BANH/ASBESTOS/LE-PROGRAM
TRUG 6

ACP 7
2/2001

NYC-WTC_000146255

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Corp. NYS DEC Permit # 1A-371 Tel.# [redacted]

Disposal Site(s) Meadowfill Landfill, Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

TM050602

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
"B6" Lvl	South Slurry Wall	Transite conduit	0	4,500	Asbestos Removal

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates	Don Adler for Safeway Env Corp.	Don Adler for Safeway Env Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
4/15/2	4/12/02	4/12/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

NY City Dept. of Design & Construction — Print Name of Owner

Stephanie Oakley — Signature

4/15/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146256

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 12.09Mn01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. 1,000 (See fee schedule)

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEP SEP 27 2001

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY
ER126

I. FACILITY

2. Address 140W West Street New Yoprk, NY Borough Manhattan Zip 10007

AKA Verizon 3. Block 2109 4. Lot 40

5. Type of Facility Commercial 6. Name of Building Verizon

II. BUILDING OWNER

7. Name Verizon 8. Contact Person Nick Perefetto

9. Tel. # [redacted] Fax # [redacted]

10. Address 1095 6th. Ave City Manhattan State NY Zip 10033

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Comprehensive Environmental Service,Inc 13. Contact Person John Tardy

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 365 River Drive City Garfield State NJ Zip 07026

V. THIRD PARTY AIR MONITOR

17. Name Hillaman Environmental 18. Contact Person Joe Hillman

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 1600 Route 22 East City Union State NJ Zip 07083

22. Sample Analysis Laboratory TESTOR TECHNOLOGY 23. NYS DOH ELAP # 11537

VI. PROJECT INFORMATION

24. Starting date for this portion of work 9/18/01 Projected completion date 12/31/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 12:00 ☑ am ☐ pm to 6:00 ☑ am ☐ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED SEP 27 2001 DEP/BANHM ASBESTOS/LEA PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

250,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler C.E.S.I. NYS DEC Permit # 16706 Tel. [redacted]

Disposal Site(s) G.R.O.W.S. Landfill, Morrisville, PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Various	Entire Building	Clean up CC	25000		Dust control cleanup

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Hillaman Environmental	C.E. [redacted]	John [redacted]
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
9/18/01	9-18-01	9-18-01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor[redacted] independent of all[redacted] he asbestos project.[redacted] that I have authorized the filing of[redacted] the work specified[redacted]

VERIZON — Print Name of Owner

Signature

9-18-01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

[redacted] ents of the Asbes[redacted] m Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146258

NYC 9/11 Public Portal Document

E: 126/01

The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York
11368-5107

Joel A. Miele Sr., P.E.
Commissioner

Robert C. Avaltroni
Deputy Commissioner

Bureau of
Environmental Compliance
Tel (718) 595-4418
Fax (718) 595-4422

To: Building Owners

From: R. Radhakrishnan, P.E.

Date: September 14, 2001

Subject: Clean-up of Asbestos-containing Material

Building owners or their representatives instituting clean-up activities of areas affected by the World Trade Center attack should follow these procedures:

1. Minimal dust accumulations (light coating) can be cleaned using wet methods and/or vacuums equipped with HEPA filters.

2. HVAC-system filters should be replaced prior to re-occupancy.

3. Accumulations of dust that include pieces of debris must be sampled by a NYC- DEP certified investigator or NYS- DOL inspector to determine whether the material is asbestos-containing material (ACM) or it may be assumed to be ACM. Wipe sampling and/or micro-vacuum sampling are not recognized methods for asbestos sampling and should not be used. Bulk sample analysis (PLM) must be performed by laboratories with ELAP accreditation.

4. Only individuals certified by the NYC-DEP as asbestos handlers can handle dust and debris accumulations identified to be ACM or asbestos-contaminated objects. ACM is any material containing more that one percent asbestos All work shall be performed in accordance with Title 15, Chapter 1 of the Rules of the City of New York.

5. Emergency telephone notification must be provided to the Department. The telephone notification must include the name affiliation, and telephone number of the caller; the exact location including street address, floor, and surface types to be cleaned; the name, address, and telephone number of the NYS DOL licensed asbestos contractor handling the material; and the starting date. The Asbestos and Lead Control Program (ALCP) may be reached via (718) DEP-HELP (24 hrs/7days).

6. A scope-of-work including the information outlined in number 3 above and the procedures to be employed should be faxed to the ALCP at fax number (718) 595-3744 or (718) 595-3648. The Department will review plans, provide assistance, and offer recommendations. Our staff will be available to answer your questions from 8:00 a.m. to 8:00 p.m. seven days per week. A field office has been set up to expedite on-site assistance if necessary.

7. Remote showering units shall be acceptable. The area where the installation is proposed shall be pre-cleaned using wet wiping and/or HEPA vacuuming procedures. The location of the unit shall be specified in the scope of work

NYC-WTC_000146259

NYC 9/11 Public Portal Document

submitted to the DEP. The unit should be set up so as to avoid tracking of materials into already cleaned areas.

8. Isolation barriers shall be installed between unaffected areas and areas to be cleaned.

9. A third party, who is independent of the asbestos abatement contractor, must perform air sampling and analysis. Any person(s) who conducts sampling must possess a valid NYS Asbestos Project Air Sampling Technician Certificate. Air sampling must be performed in accordance with the requirements set forth in Title 15, Chapter 1 of the Rules of the City of New York.

10. An "Asbestos Inspection Report" form, ACP 7, shall be submitted directly to the DEP within one-week. The ACP 7 must list the emergency clean up quantities in item 10.

11. Please note, the disturbance/ removal of in place material in the work place is not permitted during clean-up activities unless the Department specifically determines the need to abate damaged in place as part of the clean up. The emergency phase of the project must be completed prior to in place ACM abatement.

If you have any questions or require clarification, please do not hesitate to call the Department at (718) DEP-HELP (24 hrs/7days).

NYC 9/11 Public Portal Document

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

www.nyc.gov/dep

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT AMENDMENT FORM
FOR FORM ACP 7

FOR OFFICIAL USE ONLY
Fee (if any) $ _____
Amendment 2001A-2299
Information Only: ☐ Yes ☐ No

A modification is valid only if it is received by the NYCDEP prior to the previously filed date of completion, except for start date changes that must be received by the original start date.

CC

ACP7 TRU/BN# [redacted] Facility Address 140 W West St New York, NY Borough Manhattan Zip 10007

Date ACP7 was filed 9/18/01 Variance # (If any) _____

Was this ACP7 amended before? ☐ Yes ☑ No If yes, specify date _____

Original Start Date 9/18/01 Original Completion Date 12/31/01 from ACP 7, #24.

PLEASE ENTER THE INFORMATION THAT IS BEING CHANGED:

A notification may be modified no more than twice.
Only the building owner may amend items IV and V.
The original applicant or building owner may amend all other items.

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name _____ 13. Contact Person _____

14. Federal Employer ID. # _____ 15. Tel. # _____ Fax # _____

16. Address _____ City _____ State _____ Zip _____

V. THIRD PARTY AIR MONITOR

17. Name _____ 18. Contact Person _____

19. Federal Employer ID. # _____ 20. Tel. # _____ Fax # _____

21. Address _____ City _____ State _____ Zip _____

22. Sample Analysis Laboratory _____ 23. NYS DOH ELAP # _____

RECEIVED SEP 27 2001 BUREAU OF ENVIRONMENTAL COMPLIANCE ASBESTOS CONTROL PROGRAM UNIT

VI. PROJECT INFORMATION

☐ Project Cancelled
☐ Project Postponed

24. Starting date for this portion of work _____ Projected completion date _____

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from: _____ ☐ am ☐ pm to _____ ☐ am ☐ pm If other, specify _____

25. Additional asbestos-containing material to be disturbed during this work _____ Square Feet, and/or 150 Linear Feet

Reduction in the amount of ACM to be disturbed during this work _____ Square Feet, and/or _____ Linear Feet

29. Abatement Procedure for Additional Material (Check all appropriate boxes)
☐ Full Containment ☑ Glovebag ☑ Tent ☐ DEP Variance Application

Other Changes Pipe Insulation

30. Locations of abatement modified by above (For each floor list ACM quantity and type) Basement

31/32. Name of Applicant / Owner [redacted] Tel. [redacted]

Name of Company (If any) Comprehensive Environmental Service, Inc Fax # [redacted]

Address 365 River Drive City Garfield State NJ Zip 07026

I hereby declare that the information provided herein is true and complete.

_____ 9-27-01
Signature of Applicant / Owner Date

ACP 8
2/2001

NYC-WTC_000146261

NYC 9/11 Public Portal Document

THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

PHONE (718) 595-4418
FAX (718) 595-~~4422~~ 3648

Bureau of
Air, Noise, & Hazardous
Materials

ASBESTOS CONTROL PROGRAM TECHNICAL REVIEW UNIT
ACP-7 CORRECTION FORM

PREMISES ADDRESS X

BOROUGH X ZIP CODE 10007

CORRECT START DATE _____ CORRECT COMPLETION DATE _____

CORRECT ACM QUANTITY: X250.000 SQUARE FEET, AND/OR _____ LINEAR FEET

Correct Method Of Abatement: _____

Confirmation Of Change(s) Of Date(s) and/ACM Quantity As Noted Above

The undersigned affirms that she/he has been instructed verbally to change or confirm the date(s) and/or ACM quantity, by Ms./Mr._____, who is duly authorized to represent the organization/agency/company/corporation stated in the form ACP-7 regarding the above-noted facility address to be the (Please check one box only):

[ ] Asbestos Abatement Contractor [ ] Building Owner

[ ] Applicant for the asbestos project.

RECEIVED
SEP 27 2001
DEP/CAMM
ASBESTOS
PROGRAM
TRUG
6

The Undersigned Is Employed by

X COMPREHENSIVE ENVIRONMENTAL SERVICE INC
Organization/ Agency/ Company/ Corporation

X 365 RIVER DRIVE EHRFIELD NW JERSEY 07026
Address

X [redacted]
Telephone #

X [redacted] X [redacted]
Print Name Signature

TRU N4 8/96

NYC-WTC_000146262

NYC 9/11 Public Portal Document

NYC DEP ASBESTOS CONTROL PROGRAM

9/26/01

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

Written notification must be received within 48 hours via

a) Asbestos Inspection Report (ACP-7)

b) Cover letter explaining the nature of the emergency

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: [redacted]

2) Nature of Emergency: W.T.C. Emergency

3) Actual Date and Time of Emergency 9/11/01.

4) Method of Asbestos Abatement:

Removal _____Sq.ft. _____L. ft. Repair _____Sq. ft. _____L. Ft

Encapsulation _____Sq. ft. _____L. ft. Clean-up approx 20,000 Sq. ft. _____L. ft.

Enclosure _____Sq. ft. _____L. ft.

5) Facility Address: 140 West Street

Owner/Agent: Contact Person Verizon Tel. [redacted]

Location of Asbestos Abatement: Lobby and certain floors

(Will give floors and exact amount)

6) Asbestos Abatement Contractor:

Name: Comprehensive Env. Serv.

Address: 365 River Drive Garfield N.J.

Telephone #: [redacted]

7) Starting Date: Sept 18, 2001 Projected Completion Date: Will Supply.

8) Verification by Owner/Agent: Yes. No.

Call Taken By: M. Richardson

Date: Sept 18/2001.

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC_000146263

NYC 9/11 Public Portal Document

[redacted]

CES

COMPREHENSIVE ENVIRONMENTAL SERVICE, INC.

For your construction and environmental needs.

September 18, 2001



NYC Department of Environmental Protection
59-17 Junction Boulevard 8th Floor
Corona, NY 11368

Re: 140 W West Street
New York, NY 10007

To Whom It May Concern:

This is to inform you of the abatement taking place at the above referenced job. Due to the tragic events that occurred on Tuesday September 11, 2001, Verizon contacted us to perform emergency clean-up.

The work to be performed is wet wipe method with negative pressure. The scope of work is approximately 250,000 Square Feet of Dust Control Clean-Up. We shall comply with the DEP'S memo dated September 14, 2001 regarding clean-up of Asbestos Containing Material.

We will keep you informed of the situation.

Should you have any questions, please do not hesitate to contact our office.

Sincerely,

Roque Schipilliti
President & CEO

RS/rg

[redacted]

365 River Drive • Garfield, New Jersey 07026
For emergency 24 hour service (973) 478-5755

[redacted]

NYC 9/11 Public Portal Document

E 126/01

COMPREHENSIVE ENVIRONMENTAL SERVICE, INC.

For your construction and environmental needs.

September 18, 2001

NYC Department of Environmental Protection
59-17 Junction Boulevard 8th Floor
Corona, NY 11368



Re: 140 W West Street
New York, NY 10007

To Whom It May Concern:

This is to inform you of the abatement taking place at the above referenced job. Due to the tragic events that occurred on Tuesday September 11, 2001, Verizon contacted us to perform emergency clean-up.

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We will keep you informed of the situation.

Should you have any questions, please do not hesitate to contact our office.

Sincerely,

Roque Schipilliti
President & CEO

RS/rg

[redacted]
365 River Drive • Garfield New Jersey 07026
[redacted]

NYC-WTC_000146265

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

Building Dept. or TRU No 1184 M401
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION DEP ASB www.nyc.gov/dep SEP 20 2001

EMERGENCY

1. $1200 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

Emergency # E127/01

CA# FACILITY

2. Address 140 WEST STREET Borough Manhattan Zip 10007

AKA _____ 3. Block 84 4. Lot 1

5. Type of Facility TELECOMMUNICATIONS 6. Name of Building _____

II. BUILDING OWNER

7. Name VERIZON 8. Contact Person NICK PERFETTO

9. Tel. # [redacted] Fax # [redacted]

10. Address 1095 6TH AVENUE City NEW YORK State NY Zip 10036

III. GENERAL CONTRACTOR

11. Name N/A Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name PAR ENVIRONMENTAL CORP. 13. Contact Person BENJAMIN SANCHEZ

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 313 SPOOK ROCK ROAD City SUFFERN State NY Zip 10901

V. THIRD PARTY AIR MONITOR

17. Name HILLMANN ENVIRONMENTAL 18. Contact Person JOE HILLMANN

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 1600 ROUTE 22 EAST City UNION State NJ Zip 07038

22. Sample Analysis Laboratory HILLMANN ENVIRONMENTAL 23. NYS DOH ELAP # 10926

VI. PROJECT INFORMATION

24. Starting date for this portion of work 9/19/01 Projected completion date 9/19/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 24 HR ☐ am ☐ pm to _____ ☐ am ☐ pm

If other, specify 24 HOURS

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

1,000,000 Square Feet, and/or 0 Linear Feet

RECEIVED SEP 20 2001 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

ACP 7 2/2001

NYC-WTC_000146266

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler DJM NYS DEC Permit # JA-344 Tel.# [redacted]

Disposal Site(s) GREENRIDGE RECLAMATION - BOX 717 SCOTSDALE, PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) CLEAN UP RESULTING FROM WTC COLLAPSE

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
1-35	ENTIRE	ALL	1,000,000		WET WIPE,HEPA VAC

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

HILLMANN ENVIRONMENTAL	PAR ENVIRONMENTAL	BENJAMIN SANCHEZ
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
9/19/01	9/19/01	9/19/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

VERIZON — Print Name of Owner

Signature

9/19/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

Written notification must be received within 48 hours via

a) Asbestos Inspection Report (ACP-7)

b) Cover letter explaining the nature of the emergency

E 127/01

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: ( )

2) Nature of Emergency: WTC Tragedy - Emergency clean-up.

3) Actual Date and Time of Emergency

4) Method of Asbestos Abatement:

Removal _____Sq.ft. _____L. ft. Repair _____Sq. ft. _____L. Ft

Encapsulation _____Sq. ft. _____L. ft. Clean-up 6,000,000 Sq. ft. _____L. ft.

Enclosure _____Sq. ft. _____L. ft.

5) Facility Address: Verizon Bldg - 140 West Street NY.

Owner/Agent: Contact Person _____ Tel. _____

Location of Asbestos Abatement:

6) Asbestos Abatement Contractor:

Name: PAR

Address:

Telephone #: ( )

7) Starting Date: 9/19/01 Projected Completion Date: _____

8) Verification by Owner/Agent: Yes. No.

Call Taken By: LR

Date: 9/19/01

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC_000146268

NYC 9/11 Public Portal Document

for ACH

E 127/01

The City of New York

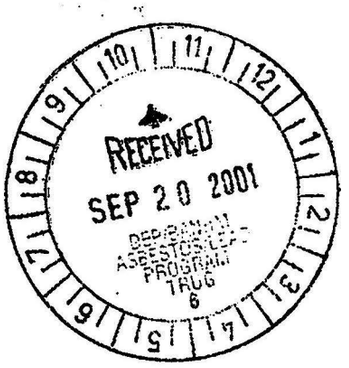
Department of Environmental Protection

59-17 Junction Boulevard
Corona, New York
11368-5107

Joel A. Miele Sr., P.E.
Commissioner

Robert C. Avaltroni
Deputy Commissioner

Bureau of
Environmental Compliance
Tel (718) 595-4418
Fax (718) 595-4422



To: Building Owners

From: R. Radhakrishnan, P.E.

Date: September 14, 2001

Subject: Clean-up of Asbestos-containing Material

Building owners or their representatives instituting clean-up activities of areas affected by the World Trade Center attack should follow these procedures:

1. Minimal dust accumulations (light coating) can be cleaned using wet methods and/or vacuums equipped with HEPA filters.

2. HVAC-system filters should be replaced prior to re-occupancy.

3. Accumulations of dust that include pieces of debris must be sampled by a NYC- DEP certified investigator or NYS- DOL inspector to determine whether the material is asbestos-containing material (ACM) or it may be assumed to be ACM. Wipe sampling and/or micro-vacuum sampling are not recognized methods for asbestos sampling and should not be used. Bulk sample analysis (PLM) must be performed by laboratories with ELAP accreditation.

4. Only individuals certified by the NYC-DEP as asbestos handlers can handle dust and debris accumulations identified to be ACM or asbestos-contaminated objects. ACM is any material containing more that one percent asbestos. All work shall be performed in accordance with Title 15, Chapter 1 of the Rules of the City of New York.

5. Emergency telephone notification must be provided to the Department. The telephone notification must include the name affiliation, and telephone number of the caller; the exact location including street address, floor, and surface types to be cleaned; the name, address, and telephone number of the NYS DOL licensed asbestos contractor handling the material; and the starting date. The Asbestos and Lead Control Program (ALCP) may be reached via (718) DEP-HELP (24 hrs/7days).

6. A scope-of-work including the information outlined in number 3 above and the procedures to be employed should be faxed to the ALCP at fax number (718) 595-3744 or (718) 595-3648. The Department will review plans, provide assistance, and offer recommendations. Our staff will be available to answer your questions from 8:00 a.m. to 8:00 p.m. seven days per week. A field office has been set up to expedite on-site assistance if necessary.

7. Remote showering units shall be acceptable. The area where the installation is proposed shall be pre-cleaned using wet wiping and/or HEPA vacuuming procedures. The location of the unit shall be specified in the scope of work

NYC 9/11 Public Portal Document

submitted to the DEP. The unit should be set up so as to avoid tracking of materials into already cleaned areas.

8. Isolation barriers shall be installed between unaffected areas and areas to be cleaned.

9. A third party, who is independent of the asbestos abatement contractor, must perform air sampling and analysis. Any person(s) who conducts sampling must possess a valid NYS Asbestos Project Air Sampling Technician Certificate. Air sampling must be performed in accordance with the requirements set forth in Title 15, Chapter I of the Rules of the City of New York.

10. An "Asbestos Inspection Report" form, ACP 7, shall be submitted directly to the DEP within one-week. The ACP 7 must list the emergency clean up quantities in item 30.

11. Please note, the disturbance/ removal of in place material in the work place is not permitted during clean-up activities unless the Department specifically determines the need to abate damaged in place as part of the clean up. The emergency phase of the project must be completed prior to in place ACM abatement.

If you have any questions or require clarification, please do not hesitate to call the Department at (718) DEP-HELP (24 hrs/7days).

we will adhere to all Requirements AS Stated in this letter.

Shaun Clarke

9/20/01



NYC-WTC_000146270

NYC 9/11 Public Portal Document

ER 128-01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1210 MN01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

www.nyc.gov/dep

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $1200 (See fee schedule)

EMERGENCY 128-01

NYC DEP ASB
SEP 28 2001
Ctl #

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities .

I. FACILITY

2. Address 217 BROADWAY Borough Manhattan Zip 10007

AKA _____ 3. Block 88 4. Lot 1

5. Type of Facility Commercial 6. Name of Building _____

II. BUILDING OWNER

7. Name Columbus Properties 8. Contact Person J. DiMurro

9. Tel. # [redacted] Fax # [redacted]

10. Address 217 Broadway City New York State NY Zip 10007

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name AA SERVICES, LLC 13. Contact Person J. RENSINK

14. Federal Employer ID. [redacted] 15. Tel. # [redacted] Fax [redacted]

16. Address 36 EAGLE STREET City MONROE State NY Zip 10950

V. THIRD PARTY AIR MONITOR

17. Name A.E.C.C. 18. Contact Person Anthony Nowicki Jr.

19. Federal Employer ID. [redacted] 20. Tel. # [redacted] Fax [redacted]

21. Address 1302 Walnut Avenue City Bohemia State NY Zip 11716

22. Sample Analysis Laboratory Scientific Laboratories 23. NYS DOH ELAP # 11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 9/25/01 Projected completion date 9/30/01

Asbestos work schedule ☐ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☐ am ☑ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

20,000 Square Feet, and/or 0 Linear Feet

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SEP 28 2001
ASBESTOS LE... PROGRAM
TRUG
6

ACP 7
2/2001

NYC-WTC_000146271

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler EWN&S TRANSPORT INC. NYS DEC Permit # 2A-334 Tel [redacted]

Disposal Site(s) ATHENS HOCKING RECLAMATION

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☐ Other (Describe) EMERGENCY CLEAN-UP ER128-01

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. **LOCATIONS OF ABATEMENT** 1210 M001

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
10 FLR	ROOF	ROOF	20,000		EMERGENCY CLEAN-UP

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

A.E.C.C.	AA SERVICES LLC	J. RENSINK
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
9/24/01	9/24/01	9/24/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

JOHN DI MURRO — Print Name of Owner | Signature | 9/21/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146272

NYC 9/11 Public Portal Document

E 128/01

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

Written notification must be received within 48 hours via

a) Asbestos Inspection Report (ACP-7)

b) Cover letter explaining the nature of the emergency

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: ( ) [redacted]

2) Nature of Emergency: World Trade Towers Tragedy Emergency Clean Up of roof

3) Actual Date and Time of Emergency _____

4) Method of Asbestos Abatement:

Removal	____Sq.ft.	____L. ft.	Repair	____Sq. ft.	____L. Ft
Encapsulation	____Sq. ft.	____L. ft.	Clean-up	20,000 Sq. ft.	____L. ft.
Enclosure	____Sq. ft.	____L. ft.			

5) Facility Address: 217 Broadway – Main Roof

Owner/Agent: Contact Person _____ Tel. _____

Location of Asbestos Abatement: _____

6) Asbestos Abatement Contractor

Name: AA Services

Address: _____

Telephone #: ( ) _____

7) Starting Date: 9/21/01 Projected Completion Date: _____

8) Verification by Owner/Agent: Yes. No.

Call Taken By: LR

Date: 9/20/01

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC_000146273

NYC 9/11 Public Portal Document

THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

PHONE (718) 595-4418
FAX (718) 595-~~4422~~ 3648

Bureau of
Air, Noise, & Hazardous
Materials

ASBESTOS CONTROL PROGRAM TECHNICAL REVIEW UNIT
ACP-7 CORRECTION FORM

PREMISES ADDRESS 217 Broadway

BOROUGH Manhattan ZIP CODE 10007

CORRECT START DATE _____ CORRECT COMPLETION DATE _____

CORRECT ACM QUANTITY: 20,000 SQUARE FEET, AND/OR _____ LINEAR FEET

Correct Method Of Abatement: _____

Confirmation Of Change(s) Of Date(s) and/ACM Quantity As Noted Above

The undersigned affirms that she/he has been instructed verbally to change or confirm the date(s) and/or ACM quantity, by Ms./Mr._____, who is duly authorized to represent the organization/agency/company/corporation stated in the form ACP-7 regarding the above-noted facility address to be the (Please check one box only):

[ ] Asbestos Abatement Contractor [ ] Building Owner

[X] Applicant for the asbestos project.

RECEIVED
SEP 28 2001
DEP BANHM
ASBESTOS LEAD
PROGRAM
TRUG

The Undersigned Is Employed by

AECC
Organization/ Agency/ Company/ Corporation

130A Walnut Ave, Bohemia, NY 11716.
Address

[redacted]
Telephone #

Anthony Novicki
Print Name

Signature

TRU N4 8/96

NYC-WTC_000146274

NYC 9/11 Public Portal Document

E 128/01

AA SERVICES, LLC
36 Eagle Street
Monroe, New York 10950
[redacted]

September 20, 2001

Lisa Reyna
NYC DEP
59-17 Junction Boulevard
Elmhurst, NY

Re: 217 Broadway
New York, NY

SCOPE OF WORK FOR EMERGENCY CLEAN-UP

1. A remote two-stage decontamination unit will be placed on the 10th Floor roof. This area will be pre-cleaned prior to construction of the decon unit.
2. Workers will wear proper protective gear including two suits with booties, gloves and respiratory protection.
3. Critical barriers will be installed on all openings at the roof level.
4. Debris will wetted, picked up and double bagged in 6-mil plastic bags for disposal.
5. The entire roof area will be vacuumed using HEPA filtered vacuums and/or wet-wiped.
6. Air monitoring will be performed on the roof pre-, during and post- clean-up.
7. Waste will be disposed of by E,W,N & S Transport Inc.
8. An ACP-7 will be filed with the NYC DEP within one week.

Very truly yours,

Jean Rensink
AA Services, LLC

Public Portal Document

AA SERVICES, LLC
36 Eagle Street
Monroe, New York 10950
[redacted]

September 21, 2001

Lisa Reyna
NYC DEP
59-17 Junction Boulevard
Elmhurst, NY

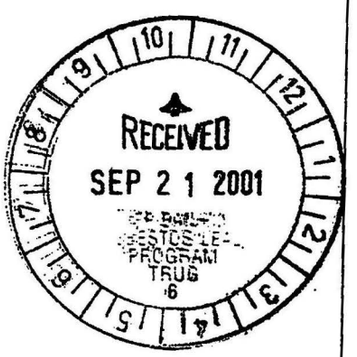
Re: 217 Broadway, NYC
ER 128-01

Dear Lisa:

Pursuant to our conversation, due to conditions in the area below Canal Street we will be unable to begin this project today (9/21/01) as anticipated. The project is on hold until further notice.

Respectfully submitted,

Jean Rensink
AA Services, LLC



NYC 9/11 Public Portal Document

E 128/01

AA SERVICES, LLC
36 Eagle Street
Monroe, New York 10950
[redacted]

September 26, 2001

NYC DEP
59-17 Junction Boulevard
Elmhurst, NY 11362
Attn: Lisa Reyna

Re: 217 Broadway
ER 128-01

Dear Ms. Reyna:

Regarding the above project, restrictions in the area have been eased and work is progressing on this project.

Very truly yours,

Jean Rensink
AA Services, LLC



NYC-WTC_000146277

NYC 9/11 Public Portal Document

AA SERVICES, LLC
36 Eagle Street
Monroe, New York 10950
[redacted]

COMPLETED

September 28, 2001

NYC DEP
59-17 Junction Boulevard
Elmhurst, NY 11362

Re: ER 128-01
217 Broadway, NYC

Gentlemen/Ladies:

Please be advised that the emergency clean-up of the ACM debris located on the roof at this location has been completed.

Very truly yours,

Jean Rensink
AA Services, LLC



NYC 9/11 Public Portal Document

NYC — DEP
OCT 0 2 2001
ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED
Ctl #

EMERGENCY ER 137/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 1224HN01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 1200 —
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 225 Rector Place Borough Manhattan Zip 10280

AKA Parc Place 3. Block 16 4. Lot 70

5. Type of Facility Apartment House 6. Name of Building

II. BUILDING OWNER

7. Name Liberty View Associates L.P. 8. Contact Person Peter Hoyle

9. Tel. # [redacted] Fax # [redacted]

10. Address 203 East 86th Street City New York State NY Zip 10028

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Hazardous Elimination Corporation 13. Contact Person A. Konstandt

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 195H Central Avenue City Farmingdale State NY Zip 11735

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates 18. Contact Person F. Berkhardt

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 104 East 25th Street City New York State NY Zip 10010

22. Sample Analysis Laboratory ATC Associates 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 10/1/01 Projected completion date 10/4/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

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OCT 0 2 2001
ASBESTOS CONTROL PROGRAM
TRU

25. Total amount of asbestos-containing material to be abated during this work

9,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

TRI 1224HN0

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler [redacted] NYS DEC Permit # NJ 344 Tel.# [redacted]

Disposal Site(s) Meadowfill Landfill, Box 68 Bridgeport Wv/ / Greenridge Reclamation Road 1 Box 716 Scottsdale, P

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Pool Roo	Entire	Roof	9,000		Cleanup of WTC Debris

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates	Hazardous Elimination Corp	Hazardous Elimination Corp
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
10/2/01 Date	10/2/01 Date	10/2/01 Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Peter Hoyle (Agent for Owner) — Print Name of Owner
Signature
10/2/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

PARC PLACE

225 Rector Place
New York, New York 10280
[redacted]

NYC Department of Environmental Protection
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor
Corona, NY 11368-5107

Oct 1, 2001

To whom it may concern:

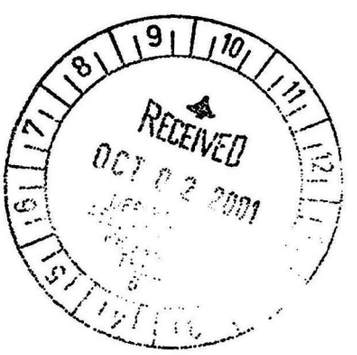
The building known as Parc Place Apartments located at 225 Rector Place is located within the Battery Park City and as a result of the World Trade Center circumstance the garage roof has been found to contain asbestos debris from the World Trade Center.

As a result of this national emergency we are proceeding immediately with the removal of the asbestos debris from this roof area.

Should you have any questions please feel free to contact me.

Very truly yours,

Peter Hoyle
Director of Engineering
Related Management Co., L.P.



NYC 9/11 Public Portal Document

[redacted]

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

E 137/01

Written notification must be received within 48 hours via

a) **Asbestos Inspection Report (ACP-7)**

b) **Cover letter explaining the nature of the emergency**

1) **Caller's Name:** [redacted]

Affiliation: [redacted]

Telephone #: [redacted]

2) **Nature of Emergency:** while men were doing non asbestos clean up, air samples were being taken, results came back positive for Asbestos. Will do emergency ACM clean-up.

3) **Actual Date and Time of Emergency** 9/28/01

4) **Method of Asbestos Abatement:**

Removal _____ Sq.ft. _____ L. ft. **Repair** _____ Sq. ft. _____ L. Ft

Encapsulation _____ Sq. ft. _____ L. ft. **Clean-up** 9,000 Sq. ft. _____ L. ft.

Enclosure _____ Sq. ft. _____ L. ft.

5) **Facility Address:** 225 Rector ~~Street~~, Nyc Roof

Owner/Agent: Contact Person _____ **Tel.** _____

Location of Asbestos Abatement: Roof

RECEIVED
OCT 02 2001

6) **Asbestos Abatement Contractor:**

Name: Hexagons Elimination

Address: _____

Telephone #: ( ) _____

7) **Starting Date:** 10/01/01 **Projected Completion Date:** _____

8) **Verification by Owner/Agent:** (Yes.) No.

Call Taken By: LR

Date: 9/28/01

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC 000146282

NYC 9/11 Public Portal Document

Hazardous
Elimination
Corp.

195H Central Avenue, Farmingdale, NY 11735
[redacted]

Friday, September 28, 2001

Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York 11368-5107
Phone: 718-595-3695
Fax: 718-595-3648

Re: Emergency clean up at 225 Rector St., NY

Dear Lisa:

Hazardous Elimination Corp. is in the process of clean up at the above-mentioned location. While doing general clean up, air samples where taken of the debris on the roof (pool area), which showed positive results. The area is approx. 9,000 sq. ft.

The owner has requested that an emergency notification be filed with your agency so that we may proceed immediately.

Scope of work:

1) Remove debris by wetting it down and double bagging.
2) Remote Decon
3) Asbestos Waste Hauler will be on site.

Sincerely,

Andy Konstand

cc: AK; jt



NYC-WTC_000146283

NYC 9/11 Public Portal Document

HAZARDOUS ELIMINATION CORP.
195H CENTRAL AVENUE
FARMINGDALE, NEW YORK 11735
PHONE: [redacted] FAX: [redacted]

FACSIMILE TRANSMITTAL SHEET

TO: [redacted]	FROM: [redacted]
COMPANY:	DATE: 9/28/01
FAX NUMBER: [redacted]	TOTAL NO. OF PAGES (INCLUDING COVER) 2
PHONE NUMBER:	
RE: Emergency —	

☐URGENT ☐FOR REVIEW ☐PLEASE COMMENT ☐PLEASE REPLY ☐FOR YOUR RECORDS

NOTES/COMMENTS:

Air Samples - to follow —

NYC-WTC_000146284

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

Page _____ of _____

BATCH NO. 1533

BULK SAMPLE DATA AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION

1. Client:	2. Project Name: 125 Pecktk PL	3. Project No: 5622-13	4. Project Manager: T. Burman
RELIABCO	2a. Project Address:		4a. Investigator: M. Arrigoni

5. Date:	6. Building Name: PARK PLACE	8. Turnaround Time:	9. Comments (Field)
9/25/01	7. Sampling Areas: ROOF	☐ STAT ☐ 24 HRS ☐ 72 HRS ☐ OTHER ☐ 6 HRS ☐ 48 HRS ☐ NORMAL ☐ _____	

BULK SAMPLE LOCATION

10. Homogenous Area No.	11. Bulk Sample ID No.	12. Material	13. Thermal System	14. Sample Location: Floor	14. Sample Location: Sample Coordinates	15. Material Total Quantity (LF, SF, PCS)	16. Asbestos Content (Type & %)
1	1	DEBRIS			ART 15B · E-ROOF		TRC
1	2				POOL ROOF		1.4C
1	3				ART 15H NW-ROOF		

RECEIVED OCT 2001

CHAIN OF CUSTODY

17. Relinquished By:	18. Date:	19. Time:	20. Received By:	21. Date:	22. Time:
I	9/25			9/26/01	
II					
III					

23. Method of Submittal:	
FIELD	
WALK IN	
US MAIL	
FED EX	
OTHER	

LAB INFORMATION

24. Name and Signature	25. Date:	26. Time:
24a. Analyzed By:	9/26/01	
24b. Analyzed By:		
24c. QC By:		

27. Comments (Lab)

NY-13 (3/99)

NYC-WTC_000146285

NYC-WTC 000146286

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone [redacted]

NVLAP 101197
ELAP 10979
Microscope OLYP Bif-2

Client / Project Related / 225 Rector PL Project No. 05622-13

Analysis Date 3/26/01 Analyst [illegible] Batch No. 19533

1 Field No. 1	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☒	Color Tan Texture F	Morphology CUF Extinction P	10 Chrysotile	25 Cellulose	60 Mineral Filler	___ Organic
Recommended ☐	Homogeneity X	RI I (-)vs RI II (-)vs	___ Amosite	15 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers X Asbestos ☒ ☐	DS Color [illegible] Color Pleo P	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count estimate on this base	Method: ☒ PLM + DS ☐ PLM ☐ DS ☐ Other ☐ Scanning Option: PLM (P.C.) & DS First 4 preps. Asbestos = 0					

2 Field No. 2	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology CUF Extinction P	1.4 Chrysotile	5.6 Cellulose	60 Mineral Filler	___ Organic
Recommended ☐	Homogeneity X	RI I (-)vs RI II (-)vs	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers X Asbestos ☒ ☐	DS Color [illegible] Color Pleo P	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count estimate on this base	Method: ☒ PLM + DS ☐ PLM ☐ DS ☐ Other ☐ Scanning Option: PLM (P.C.) & DS First 4 preps. Asbestos = 0					

3 Field No. 3	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color Tan Texture F	Morphology CUF Extinction P	1K Chrysotile	20 Cellulose	20 Mineral Filler	___ Organic
Recommended ☒	Homogeneity X	RI I (-)vs RI II (-)vs	___ Amosite	30 Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers X Asbestos ☒ ☐	DS Color [illegible] Color Pleo P	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref L Sign P			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count estimate on this base	Method: ☒ PLM + DS ☐ PLM ☐ DS ☐ Other ☐ Scanning Option: PLM (P.C.) & DS First 4 preps. Asbestos = 0					

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐	Color ___ Texture ___	Morphology ___ Extinction ___	___ Chrysotile	___ Cellulose	___ Mineral Filler	___ Organic
Recommended ☐	Homogeneity ___	RI I ___ RI II ___	___ Amosite	___ Fiberglass	___ Organic Binders	___ Residue
Gravimetric PREP ☐	# of Layers ___ Asbestos ☐ ☐	DS Color ___ Color Pleo ___	___ Other	___ Other	___ Vermiculite	___ Carbonate
Gravimetric (NOB) PLM ☐	Color of Layer ___ Detected Yes No	Biref ___ Sign ___			___ Other	___ Other
Gravimetric (NOB) TEM ☐	Comments:			Q.C. ☐		___ Asbestos
Point Count estimate on this base	Method: ☐ PLM + DS ☐ PLM ☐ DS ☐ Other ☐ Scanning Option: PLM (P.C.) & DS First 4 preps. Asbestos = 0					

ATC ENVIRONMENTAL

08/28/01 FRI 15:12 FAX 212 598 4283

NYC 9/11 Public Portal Document

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT AMENDMENT FORM
FOR FORM ACP 7

FOR OFFICIAL USE ONLY
Fee (if any) $ _____
Amendment 2001A-233
Information Only: ☐ Yes ☐ No

A modification is valid only if it is received by the NYCDEP prior to the previously filed date of completion, except for start date changes that must be received by the original start date.

ACP7 TRU/BN# 1224MN01 Facility Address 225 Rector Place Borough Manhattan Zip 10280

Date ACP7 was filed 10/2/01 Variance # (If any) _____

Was this ACP7 amended before? ☐ Yes ☑ No If yes, specify date _____

Original Start Date 10/1/01 Original Completion Date 10/4/01 from ACP 7, #24.

PLEASE ENTER THE INFORMATION THAT IS BEING CHANGED:

A notification may be modified no more than twice.
Only the building owner may amend items IV and V.
The original applicant or building owner may amend all other items.

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name _____ 13. Contact Person _____

14. Federal Employer ID. # _____ 15. Tel. # _____ Fax # _____

16. Address _____ City _____ State _____ Zip _____

RECEIVED OCT 4 2001 BUREAU OF ENVIRONMENTAL COMPLIANCE ASBESTOS CONTROL PROGRAM TRU

V. THIRD PARTY AIR MONITOR

17. Name _____ 18. Contact Person _____

19. Federal Employer ID. # _____ 20. Tel. # _____ Fax # _____

21. Address _____ City _____ State _____ Zip _____

22. Sample Analysis Laboratory _____ 23. NYS DOH ELAP # _____

VI. PROJECT INFORMATION

☐ Project Cancelled
☐ Project Postponed

24. Starting date for this portion of work _____ Projected completion date 10/11/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from: 7:00 ☑ am ☐ pm to 7:00 ☐ am ☑ pm If other, specify _____

25. Additional asbestos-containing material to be disturbed during this work _____ Square Feet, and/or _____ Linear Feet

Reduction in the amount of ACM to be disturbed during this work _____ Square Feet, and/or _____ Linear Feet

29. Abatement Procedure for Additional Material (Check all appropriate boxes)
☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

Other Changes _____

30. Locations of abatement modified by above _____
(For each floor list ACM quantity and type)

31/32. Name of Applicant / Owner [redacted] Tel. # [redacted]

Name of Company (If any) [redacted] Fax [redacted]

Address 195 H Central Avenue City Farmingdale State NY Zip 11735

I hereby declare that the information provided herein is true and complete. [redacted] 10/4/01

Signature of Applicant /Owner Date

ACP 8
2/2001

NYC-WTC_000146287

NYC 9/11 Public Portal Document

Hazardous
Elimination
Corp.

195H Central Avenue, Farmingdale, NY 11735
[redacted]

Monday, October 01, 2001

Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York 11368-5107
Phone: 718-595-3695
Fax: 718-595-3648

Re: Emergency clean up at 225 Rector Place, NYC

Dear Lisa:

The information forwarded to your office on Friday, September 28, 2001 erroneously listed the emergency clean up as 225 Rector Street. The correct address is 225 Rector Place.

The ACP-7 for the project will be filed this week.

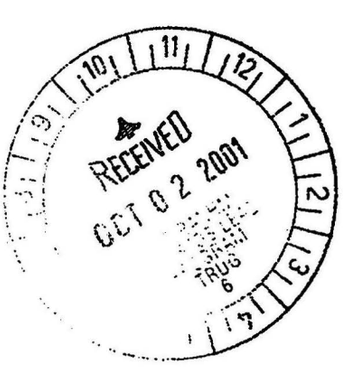
If you have any questions, kindly call me at 516-250-0178.

Sincerely,

A. Konstandt /p

Andy Konstandt

cc: AK; gs



NYC 9/11 Public Portal Document

EMERGENCY

ER 140/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

Tod1232HND01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEP ASS
OCT 04 2001
www.nyc.gov/dep

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $1200
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 15 Maiden Lane Borough Manhattan Zip 10038
AKA [redacted] 3. Block 65 4. Lot 7
5. Type of Facility Commercial 6. Name of Building

II. BUILDING OWNER

7. Name Relied Realty Corp. 8. Contact Person Fran
9. Tel. # [redacted] Fax #
10. Address 15 Maiden Lane City N.Y. State NY Zip 10038

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Stevenson Contracting Corp. 13. Contact Person Enos Stevenson
14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]
16. Address 37-38 13th Street City L.I.C. State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name Commercial Lab Enterprises 18. Contact Person Victor Escalona
19. Federal Employer ID. [redacted] 20. Tel. # [redacted] Fax # [redacted]
21. Address 270 Swinton Avenue City Bronx State NY Zip 10465
22. Sample Analysis Laboratory Commercial Lab Enterprises 23. NYS DOH ELAP # 11708

VI. PROJECT INFORMATION

24. Starting date for this portion of work 9/28/01 Projected completion date 9/30/01

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 6:00 ☑ am ☐ pm to 2:00 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
OCT 04 2001
DEP/BANRU ASBESTOS LE... PROGRAM
TRUG 6

25. Total amount of asbestos-containing material to be abated during this work
7,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

TRI1833MN01

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Tristate Transfer NYS DEC Permit # 1A-375 Tel. [redacted]

Disposal Site(s) Greenridge Landfill, One Landfill Road, Scottsdale , PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Emergency Clean Up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
1stFloor	Lobby,Main Floor	Floor,Walls	7,000		Emergency Clean Up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Commercial Lab Enterprises	Stevenson Contracting Corp.	Stevenson Contracting Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Architect (if other than Owner)
Signature	Signature	Signature
9/28/01	9/28/01	9/28/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Relied Realty Corp. [redacted] Date

Print Name of Owner Signature

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146290

NYC 9/11 Public Portal Document

[redacted]

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

Written notification must be received within 48 hours via

a) **Asbestos Inspection Report (ACP-7)** E 140/01

b) **Cover letter explaining the nature of the emergency**

1) **Caller's Name:** [redacted]

Affiliation: _____

Telephone #: ( ) _____

2) **Nature of Emergency:** WTC Emergency Clean-up

3) **Actual Date and Time of Emergency** _____

4) **Method of Asbestos Abatement:**

Removal _____Sq.ft. _____L. ft. **Repair** _____Sq. ft. _____L. Ft

Encapsulation _____Sq. ft. _____L. ft. **Clean-up** 700 Sq. ft. _____L. ft.

Enclosure _____Sq. ft. _____L. ft.

5) **Facility Address:** 15 Maiden Lane, 18th flr.

Owner/Agent: Contact Person _____ **Tel.** _____

Location of Asbestos Abatement: 18th flr

RECEIVED
OCT 04 2001

6) **Asbestos Abatement Contractor:**

Name: Stevenson Contracting Corp.

Address: _____

Telephone #: ( ) _____

7) **Starting Date:** 9/28/01 **Projected Completion Date:** 9/30/01

8) **Verification by Owner/Agent:** (Yes.) No.

Call Taken By: L. Reyna

Date: 10/2/01

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC 000146291

NYC 9/11 Public Portal Document

ATLANTIC BANK

ARTIE GYFTOPOULOS
VICE PRESIDENT

ATLANTIC BANK OF NEW YORK
960 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10001
[redacted]

October 3, 2001

E 140/01

Lisa Reyna
NYC Dept. of Environmental Protection
Junction Blvd.
Corona, NY 11368

RE: work performed at 15 Maiden Lane, 1st floor, NYC

Dear Ms. Reyna,

This is to confirm that the above referenced job was an emergency/rush job.

This is one of our branch locations that was damaged during the events of Sept. 11th and we needed to get it back up and running as soon as possible to service our clients.

If I can be of any further assistance, please feel free to contact the undersigned at the number above.

Yours truly,

RECEIVED
OCT 04 2001

Cc: I. Ippoliti, Facilities

NYC-WTC_000146292

NYC 9/11 Public Portal Document

[redacted]

Stevenson Contracting Corp. 37-38 13th Street Long Island City, NY 11101 [redacted]

October 2, 2001

Department of Environmental Protection
59-17 Junction Boulevard
Corona, Queens NY 11368

Att: Mr. Rajappan Radhakrishnan, Director

This is a notification for an emergency asbestos project the above referenced premises (AKA Atlantic Bank) was impacted by the September 11, 2001 Terrorist Attack.

The windows were blown out and all surfaces inside were covered with suspect dust. The area was tested and the results warranted that an abatement procedure be performed.

Stevenson Contracting Corp. was requested to do an accessement of the damage. The following is the clean up procedure . The area was was cordoned off and signs were posted. Decontamination unit was erected (remote) .

Negative air units were installed.

The entire work space was repeatedly Hepa Vacuumed and Wet wiped (until visually clean).

Area air (Final air Samples) were taken.

After final (Clean air) approval the area was demobilized.

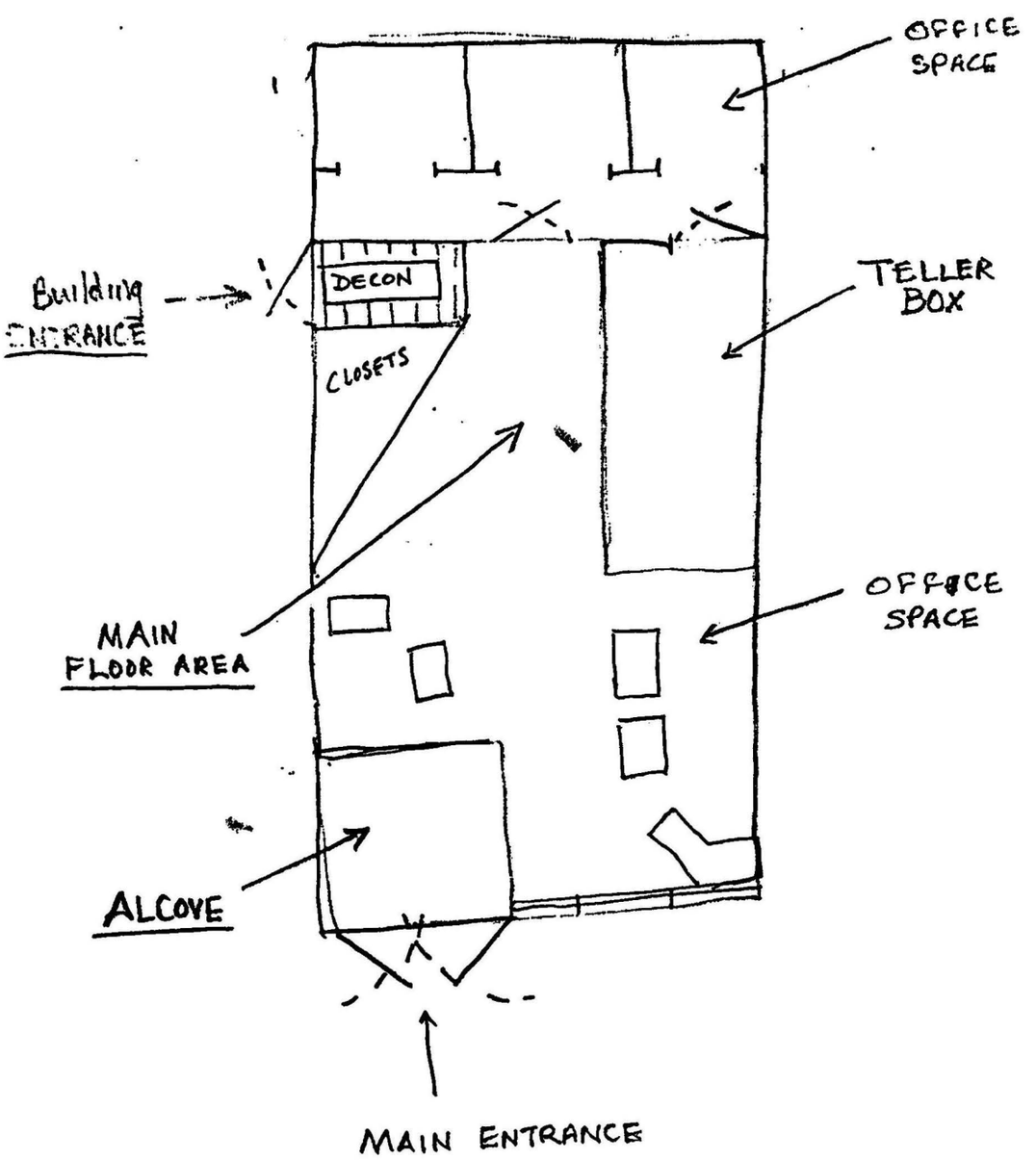
Enos Stevenson
President



NYC-WTC_000146293

NYC 9/11 Public Portal Document

15 MAIDEN LANE



MAIDEN LANE

NYC-WTC_000146294

NYC 9/11 Public Portal Document

EMERGENCY ER 11/4/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 1375HN01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1200
(See fee schedule)

NYC — DEP — DEP ASB
ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED
www.nyc.gov/dep
CLI #

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 115 Broadway Borough Manhattan Zip 10006
AKA [redacted] 3. Block 50 4. Lot 1
5. Type of Facility Office Building 6. Name of Building

II. BUILDING OWNER

7. Name Capital Properties 8. Contact Person Kevin Hoey
9. Tel. # [redacted] Fax # [redacted]
10. Address 111 Broadway City New York State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name V & M Restoration, Inc. Tel. # [redacted]

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name MARCOR Remediation, Inc. 13. Contact Person Jason Deprez
14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]
16. Address 52 Marway Circle City Rochester State NY Zip 14624

V. THIRD PARTY AIR MONITOR

17. Name Tiger Environmental 18. Contact Person Fernando Villa
19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]
21. Address 133 Northwood Ave City Linden State NJ Zip 07036
22. Sample Analysis Laboratory EMSL 23. NYS DOH ELAP # 11469

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/12/01 Projected completion date 12/12/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 8 ☑ am ☐ pm to 430 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work
7,000 Square Feet, and/or 0 Linear Feet

RECEIVED
NOV 19 2001
TP BANHM ASBESTOS LEAD PROGRAM TRUG 6

ACP 7
2/2001

NYC-WTC_000146295

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Service Transport Group NYS DEC Permit # PA - 317 Tel.# [redacted]

Disposal Site(s) Greenridge Reclamation, Inc. R.D.#1 Box 717, Landfill Road Scottsdale,PA 15683

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM Clean Up only

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application TM#137504N01

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
3rd	Office	Office Space	7,000		ACM clean up/removal of carpet

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Tiger Environmental	MARCOR Remediation, Inc.	V &M Restroration, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
11/16/01	11/15/01	11/15/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Capital Properties — Print Name of Owner

AS AGENT — Signature

11/16/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

10/29/2001 15:55 FAX 7102476652

MARCOR ENVIRONMENTAL

MARCOR Remediation, Inc.
52 Marway Circle
Rochester, NY 14624

E141/01

[redacted]

****FACSIMILE TRANSMITTAL COVER SHEET****

MARCOR Remediation, Inc. of Rochester, New York, offers superior turnkey environmental contracting services with a complete range of services for any size project such as:

Groundwater & Soil Remediation
Environmental & Geotechnical Drilling
Decommissioning & Demolition
Industrial Cleaning & Vacuuming
Indoor Air Quality/Duct Cleaning
Emergency Spill Response
Asbestos and Lead Abatement
Storage Tank Management
Building Detoxification
Hazardous Waste Management

NAME: Mr RADHAKRISHNAN

FIRM/DEPT: D.E.P. Asbestos/Lead

FAX #: 718-595-3648

FROM: [redacted]

DATE: October 29, 01

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NOV 19 2001

Transmission includes 4 page(s) – NOT INCLUDING THIS COVER SHEET

If you do not receive all the pages indicated above, please call (716) 247-6955.

COMMENTS: If or When, Can we get started Right away?
1st Emergency Response Number: E141-01
Please Call w/ Questions- Thank you!
DENNIS

****CONFIDENTIALITY NOTICE****

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P.S. I left a Msg. on Norma Richardson's Voice mail-

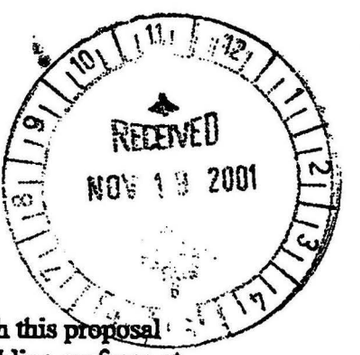
NYC 9/11 Public Portal Document

MARCOR Remediation, Inc.
52 Marway Circle
Rochester, New York 14624

[redacted]

October 29, 2001

Mr. R. Radhakrishnan
Department of Environmental Protection
Asbestos and Lead Notification
59 – 17 Junction Boulevard
8th floor
Elmhurst, NY 11373



Asbestos Abatement of
Peter Angelos Law Offices
115 Broadway, 3rd Floor
New York, NY 10006
MARCOR Proposal Number RO-01-579

Dear Mr. Radhakrishnan,

MARCOR Remediation, Inc. (MARCOR) is pleased to provide you with this proposal for the cleaning of the asbestos contaminated furniture, supplies and building surfaces at the above referenced site.

The scope of the work shall be:

1. The existing triple decontamination chamber will remain in place for the cleaning of the furniture, supplies, and other articles. These porous materials should be HEPA vacuumed and wet-wiped twice, in existing rooms. Non-porous materials, like the furniture will be wet-wiped twice in front of the inlet to an air filtration device.

2. Uncontaminated air will be supplied to the decontamination chambers to maintain a mass air balance in each room. Air monitoring will be performed inside and outside the decontamination chamber during the cleaning process as well outside the office in the hall.

3. Workers involved with the cleaning process will be protected from asbestos exposure by using air purifying respirators and appropriate personal protective clothing.

NYC-WTC_000146298

WTC Public Portal Document

4. Workers will be medically qualified to wear respirators and personal protective equipment. In addition, workers will be licensed by New York City for asbestos abatement work.

5. Personal air monitoring will comply with federal OSHA asbestos standards during this phase of the operation. Workers will be informed of the test results as required by OSHA standards regarding access to employee exposure information.

6. Asbestos warning signs will be posted to prevent entry into the office spaces by unauthorized persons.

7. A double airlock will be constructed at the entrance to the law office and the entire office will be kept under negative pressure using air filtration devices.

8. Workers will remove their outer protective clothing in the second decontamination chamber before exiting and placing the contaminated garment in a plastic bag. Conversely, workers will don their protective clothing and respirator in the hall before entering into the airlocks. (The air filtration device filters the outdoor air and blows uncontaminated air through the airlocks into the work area.)

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9. Before beginning the decontamination process, smoke tubes will be used to test the airflow into the chambers.

10. Aggressive air monitoring will be done to ensure the decontamination areas and cleaning areas are still below the AHERA criteria of 70 asbestos structures per cubic centimeter of air after the initial phase of operation. Constant daily air monitoring will be performed inside the containment to ensure airborne concentrations of asbestos fibers remain within normal limits.

11. The windows will be taped and sealed to prevent any outside contamination infiltrating into the workspace. The windows will remained taped and sealed until exterior of building is cleaned.

12. A representative number of all of the items cleaned will be tested using micro vacuum samples to verify cleanliness. Random samples will be collected rather than collecting a sample from each item. The number of surface samples should be representative of the number and type of items being cleaned. Any item above the suggested ASTM D5755-95 criteria of 100 structures of asbestos fibers will be cleaned and tested again. The porous materials, which cannot be cleaned, should be discarded as asbestos containing waste.

NYC-WTC_000146299

NYC 9/11 Public Portal Document

13. The cleaned items will be stored in their existing offices. Each office will be sealed until test results are known. A random air test will be collected in these individual offices.

14. MARCOR will clean all of the hardware surfaces in the offices by HEPA vacuuming and wet-wiping the surfaces. Careful attention will be given to replacing the rags used in the wep-wipe process. The interior of the desk drawers and cabinets will be opened and cleaned as well. Any papers or files will be disguarded as asbestos waste, assuming all paper goods that needed to be saved were removed during phase 1 abatement. This housekeeping method will provide a mechanism to ensure the removal of any dispersed asbestos fibers.

15. Once all of the interior office furniture, cabinets, and other articles have been cleaned, tested, and sealed in each individual office, the airlock to the individual offices will be sealed. Everything in the office that was cleaned shall remain in the sealed offices until the building surfaces in the outer office are cleaned.

16. The office will be cleaned by HEPA vacuuming and we-wiping non-porous surfaces. The Acoustical ceiling tiles will remain in place, they will be HEPA vacuumed and the grid will be wet-wiped (ceiling will not be breached for any reason). The carpet in the entire space will be removed and double bagged and disguarded as asbestos waste.

17. The perimeter offices will be cleaned first and the work will progress toward the interior spaces. Once the entire office has been cleaned, a third party will visually inspect the entire office space, to ensure that no visible debris will be found.

18. Aggressive air monitoring will be performed throughout the office spaces. Test results will meet the AHERA clearance criteria. If the test results are within normal limits, the offices can be unsealed.

19. A barrier will be established in front of the cleaning chamber. The last decontamination chamber will be used as the airlock to enter the containment, remove the plastic sheeting, and decontaminate the remaining portion of the office. The containment area will be placed under negative air pressure during the process of removing the plastic sheeting, wood framing from the temporary walls, and cleaning this area of the office.

20. Again, final aggressive air monitoring will be performed before removing the last barrier and airlock in the office. The test results will meet the AHERA criteria of less than 70 structures of asbestos fibers per cubic centimeter of air.

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21. All waste materials will be doubled bagged and disposed as Non-Hazardous waste. Filters on the air filtration devices will be removed and the inside of the unit will be wet wiped to remove any remainng asbestos fibers.

22. Waste disposal and transportation will be done by:

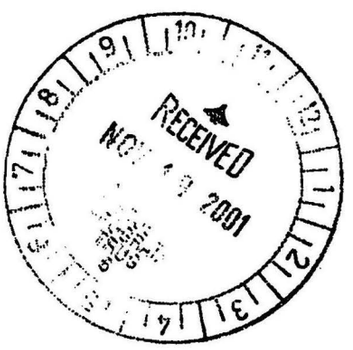
- ✓ Service Transport Group (Hauler)
  58 Pyles Lane
  New Castle, DE 19720
  [redacted]

- ✓ Greenridge Reclamation, Inc. (Landfill)
  R.D. # 1 Box 717, Landfill Road
  Scottsdale, PA 15683
  [redacted]
  EPA ID 101281

MARCOR would like to thank you for this opportunity to submit this proposal. If you have any questions please call me at [redacted]

Sincerely,
MARCOR Remediation, Inc.

Dennis LaRocque
I S L Project Manager



NYC-WTC_000146301

NYC 9/11 Public Portal Document

EMERGENCY ER 142/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

Tau 1254 MNO
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

DEP NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
www.nyc.gov/dep
OCT 11 2001

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $1200 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 2 World Financial Center, South Tower Borough Manhattan Zip 10282

AKA _____ 3. Block 16 4. Lot 150

5. Type of Facility Commercial Bldg. 6. Name of Building Commercial Bldg.

II. BUILDING OWNER

7. Name WFC Tower D Co., LP 8. Contact Person Peter Berlin

9. Tel. # [redacted] Fax # _____

10. Address One Liberty Plaza City New York State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Pinnacle Environmental Corp. 13. Contact Person Richie Doran

14. Federal Employer ID. # [redacted] 15. Tel. [redacted] Fax # [redacted]

16. Address 64-54 Maurice Avenue City Maspeth State NY Zip 11378

V. THIRD PARTY AIR MONITOR

17. Name GPS Environmental Corp. 18. Contact Person Greg Smyth

19. Federal Employer ID. # 11-3045385 20. Tel. # [redacted] Fax # [redacted]

21. Address 31 Trescott Path City Fort Salonga State NY Zip 11768

22. Sample Analysis Laboratory Kam Consultants 23. NYS DOH ELAP # 11273

VI. PROJECT INFORMATION

24. Starting date for this portion of work 10/5/01 Projected completion date 12/31/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: _____ ☐am ☐pm to _____ ☐am ☐pm

If other, specify 24 Hour Shift

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

581,340 Square Feet, and/or 0 Linear Feet

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DEP/BANHP
ASBESTOS/LEA
PROGRAM
TRUG
6

ACP 7
2/2001

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EMERGENCY ER 142/01

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Tristate Transfer / ATC NYS DEC Permit # 1A375/1A371 TEL.# [redacted]

Disposal Site(s) Meadowfill Landfill, Rte 2, Box 68, Bridgeport, WV / Greenridge Landfill, 1 Landfill Rd, Scottsdale,

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Emergency Clean-Up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Lobby	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
1st Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
2nd Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
3rd Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
4th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
5th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
6th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
7th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
8th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
9th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

GPS Environmental Corp.	Pinnacle Environmental Corp.	Pinnacle Environmental Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Richie Doran Signature	Richie Doran Signature
10/9/01. Date	10-9-01 Date	10-9-01. Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

W.F.C. Tower D Co., LP (Print Name of Owner) Cathy Marino (Signature) 10/10/01. (Date)

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7 2/2001

NYC 9/11 Public Portal Document

EMERGENCY ER 142/01

30. LOCATIONS OF ABATEMENT (Continuation of previous page)

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
10th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
11th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe

NYC-WTC_000146304

NYC 9/11 Public Portal Document

[redacted]

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

E 142/01

Written notification must be received within 48 hours via

a) Asbestos Inspection Report (ACP-7)

b) Cover letter explaining the nature of the emergency

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: [redacted]

2) Nature of Emergency: WTC Emergency Clean-up

3) Actual Date and Time of Emergency _____

4) Method of Asbestos Abatement:

Removal _____Sq.ft. _____L. ft. Repair _____Sq. ft. _____L. Ft

Encapsulation _____Sq. ft. _____L. ft. Clean up 48445 Sq. ft. per flr _____L. ft.

Enclosure _____Sq. ft. _____L. ft. total 58,1340

5) Facility Address: 2 Wald Financial Center

Owner/Agent: Contact Person _____ Tel. _____

Location of Asbestos Abatement: Lobby thru 11th flr

6) Asbestos Abatement Contractor:

Name: Pinnacle Environmental Corp

Address: 64-54 Maurice Avenue Maspeth

Telephone #: [redacted]

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7) Starting Date: 10/5/01 Projected Completion Date _____

8) Verification by Owner/Agent: Yes. No.

Call Taken By: L Reyes

Date: 10/5/01

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC 000146305

NYC 9/11 Public Portal Document

PINNACLE

PINNACLE ENVIRONMENTAL CORP.

E 142/01

October 5, 2001

Mr. Peter Lee Kim
Asbestos Control Program
Department of Environmental Protection
Bureau of Air Resources
59-17 Junction Blvd.
Corona, NY 11368

Re: 2 World Financial Center
Asbestos Abatement Project

Dear Mr. Lee Kim:

We respectfully wish to inform your department that Pinnacle will undergo an emergency clean up of the above address. The work will be carried out in the Lobby – 11th Flrs using the enclosed guidelines provided by the DEP. Isolation barriers will be used to segregate contaminated areas with clean areas. All handlers will be wearing appropriate P.P.E. GPS Environmental will carry out final air testing on each floor upon completion.

If you have any questions or comments, please do not hesitate to call.

Sincerely

Gerald Nugent
Director of Operations

Enc.

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64-54 Maurice Avenue, Maspeth, NY 11378 • [redacted]

NYC-WTC_000146306

NYC 9/11 Public Portal Document

E 142/01

The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York
11368-5107

Joel A. Miele Sr., P.E.
Commissioner

Robert C. Avaltroni
Deputy Commissioner

Bureau of
Environmental Compliance
Tel (718) 595-4418
Fax (718) 595-4422

To: Building Owners

From: R. Radhakrishnan, P.E.

Date: September 14, 2001

Subject: Clean-up of Asbestos-containing Material

Building owners or their representatives instituting clean-up activities of areas affected by the World Trade Center attack should follow these procedures:

1. Minimal dust accumulations (light coating) can be cleaned using wet methods and/or vacuums equipped with HEPA filters.

2. HVAC-system filters should be replaced prior to re-occupancy.

3. Accumulations of dust that include pieces of debris must be sampled by a NYC- DEP certified investigator or NYS- DOL inspector to determine whether the material is asbestos-containing material (ACM) or it may be assumed to be ACM. Wipe sampling and/or micro-vacuum sampling are not recognized methods for asbestos sampling and should not be used. Bulk sample analysis (PLM) must be performed by laboratories with ELAP accreditation.

4. Only individuals certified by the NYC-DEP as asbestos handlers can handle dust and debris accumulations identified to be ACM or asbestos-contaminated objects. ACM is any material containing more that one percent asbestos. All work shall be performed in accordance with Title 1, Chapter 1 of the Rules of the City of New York.

5. Emergency telephone notification must be provided to the Department. The telephone notification must include the name affiliation, and telephone number of the caller; the exact location including street address, floor, and surface types to be cleaned; the name, address, and telephone number of the NYS DOL licensed asbestos contractor handling the material; and the starting date. The Asbestos and Lead Control Program (ALCP) may be reached via (718) DEP-HELP (24 hrs/7days).

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DEP BUREAU OF ENVIRONMENTAL COMPLIANCE

6. A scope-of-work including the information outlined in number 3 above and the procedures to be employed should be faxed to the ALCP at fax number (718) 595-3744 or (718) 595-3648. The Department will review plans, provide assistance, and offer recommendations. Our staff will be available to answer your questions from 8:00 a.m. to 8:00 p.m. seven days per week. A field office has been set up to expedite on-site assistance if necessary.

7. Remote showering units shall be acceptable. The area where the installation is proposed shall be pre-cleaned using wet wiping and/or HEPA vacuuming procedures. The location of the unit shall be specified in the scope of work

NYC-WTC_000146307

NYC 9/11 Public Portal Document

submitted to the DEP. The unit should be set up so as to avoid tracking of materials into already cleaned areas.

8. Isolation barriers shall be installed between unaffected areas and areas to be cleaned.

9. A third party, who is independent of the asbestos abatement contractor, must perform air sampling and analysis. Any person(s) who conducts sampling must possess a valid NYS Asbestos Project Air Sampling Technician Certificate. Air sampling must be performed in accordance with the requirements set forth in Title 15, Chapter 1 of the Rules of the City of New York.

10. An "Asbestos Inspection Report" form, ACP 7, shall be submitted directly to the DEP within one-week. The ACP 7 must list the emergency clean up quantities in item 30.

11. Please note, the disturbance/removal of in place material in the work place is not permitted during clean-up activities unless the Department specifically determines the need to abate damaged in place as part of the clean up. The emergency phase of the project must be completed prior to in place ACM abatement.

If you have any questions or require clarification, please do not hesitate to call the Department at (718) DEP-HELP (24 hrs/7days).

TOTAL P.02

NYC-WTC_000146308

NYC 9/11 Public Portal Document

PINNACLE

PINNACLE ENVIRONMENTAL CORP.

INFORMATION

November 16, 2001

Mr. Peter Lee Kim
Asbestos Control Program
Department of Environmental Protection
Bureau of Air Resources
59-17 Junction Blvd.
Corona, NY 11368

Re: 2 World Financial Center TRU # 1254MN01
Asbestos Abatement Project

Dear Mr. Lee Kim:

We respectfully wish to inform your department that Pinnacle Environmental have performed the work as per the attached ACP-7. Please close-out the ACP-7.

If you have any questions or comments, please do not hesitate to call.

Sincerely

Gerald Nugent

Gerald Nugent
Director of Operations

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NOV 16 2001
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 1

64-54 Maurice Avenue, Maspeth, NY 11378 - [redacted]

NYC-WTC_000146309

NYC 9/11 Public Portal Document

EMERGENCY ER142/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

DEP

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 1254M/NO
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1200 (See fee schedule)

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AKA _____ 3. Block 16 4. Lot 150

5. Type of Facility Commercial Bldg. 6. Name of Building Commercial Bldg.

II. BUILDING OWNER

7. Name WFC Tower D Co., LP 8. Contact Person Peter Berlin

9. Tel. # [redacted] Fax # _____

10. Address One Liberty Plaza City New York State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Pinnacle Environmental Corp. 13. Contact Person Richie Doran

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 64-54 Maurice Avenue City Maspeth State NY Zip 11378

V. THIRD PARTY AIR MONITOR

17. Name GPS Environmental Corp. 18. Contact Person Greg Smyth

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 31 Trescott Path City Fort Salonga State NY Zip 11768

22. Sample Analysis Laboratory Kam Consultants 23. NYS DOH ELAP # 11273

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24. Starting date for this portion of work 10/5/01 Projected completion date 12/31/01

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Shift from: _____ ☐am ☐pm to _____ ☐am ☐pm

If other, specify 24 Hour Shift

Access to inspect the premises must be provided during the work schedule indicated in this item.

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OCT 11 2001
ASBESTOS CONTROL PROGRAM
TPJ3

25. Total amount of asbestos-containing material to be abated during this work

581,340 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

ER 142/01

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Tristate Transfer / ATC NYS DEC Permit # 1A375/1A371 TEL.# [redacted]

Disposal Site(s) Meadowfill Landfill, Rte 2, Box 68, Bridgeport, WV / Greenridge Landfill, 1 Landfill Rd, Scottsdale,

27. This asbestos abatement is part of a (item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Emergency Clean-Up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
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7th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
8th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
9th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

GPS Environmental Corp.	Pinnacle Environmental Corp.	Pinnacle Environmental Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
10/9/01.	10-9-01	10-9-01.
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

W.F.C. Tower D Co., LP — Print Name of Owner

Cathy Marina — Signature

10/10/01. — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7 2/2001

NYC 9/11 Public Portal Document

EMERGENCY ER 142/01

30. LOCATIONS OF ABATEMENT (Continuation of previous page)

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
10th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe
11th Flr	Entire	All Surfaces	48,445		Hepa Vac, Wet Wipe

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

OCT 09

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

Tru 1243Hu01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1200
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

DWLRGLNV ER 11/5/0

I. FACILITY

2. Address 200 Vesey Borough Manhattan Zip 10281

AKA 3 World Financial Center 3. Block 16 4. Lot 140

5. Type of Facility Office Building 6. Name of Building American Express Tower

II. BUILDING OWNER

7. Name 3 World Financial Center American Express Tower 8. Contact Person Paul Troast

9. Tel. # [redacted] Fax # _____

10. Address 3 World Financial Center City New York State NY Zip 10281

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Don Adler

14. Federal Employer ID. [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name EMTEQUE Corporation/JLC Environmental Consultants 18. Contact Person Eric Telemaque/Jennifer Carey

19. Federal Employer ID. [redacted] 20. Tel. [redacted] Fax # _____

21. Address 505 Eighth Avenue/200 Park Avenue South City New York State NY Zip 10018

22. Sample Analysis Laboratory Final Aire/JLC Environmental Consultants, Inc. 23. NYS DOH ELAP # 11228/ 11029

VI. PROJECT INFORMATION

24. Starting date for this portion of work 9/5/01 Projected completion date 11/5/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7 ☑ am ☐ pm to 5 ☐ am ☑ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED OCT 09 2001 ASBESTOS CONTROL PROGRAM TRU 6

25. Total amount of asbestos-containing material to be abated during this work

115,100 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

*** ASBESTOS INSPECTION REPORT (continued)**

26. Asbestos Hauler Asbestos Transportation Corp. NYS DEC Permit # 1A-371 Tel.# [redacted]

Disposal Site(s) Meadowfill Landfill, Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

TR# 1243Nu01

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
	**see attached				

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

EMTEQUE	Don Adler for Safeway Env Corp.	Don Adler for Safeway Env Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Michael Porter	Signature	Signature
Signature		
10/8/01	10/8/01	10/8/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Paul Troast, as agent for American Express — Print Name of Owner

Signature

10/8/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146314

NYC 9/11 Public Portal Document

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

E 145/01

Written notification must be received within 48 hours via

a) **Asbestos Inspection Report (ACP-7)**

b) **Cover letter explaining the nature of the emergency**

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: [redacted]

2) Nature of Emergency: _____

3) Actual Date and Time of Emergency _____

4) Method of Asbestos Abatement:

Removal _____Sq.ft. _____L. ft. Repair _____Sq. ft. _____L. Ft

Encapsulation _____Sq. ft. _____L. ft. Clean-up 100,000 Sq. ft. _____L. ft.

Enclosure _____Sq. ft. _____L. ft.

5) Facility Address: 3 World Financial Center

Owner/Agent: Contact Person _____ Tel. _____

Location of Asbestos Abatement: 3rd, 4th, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16 17 18 & 20 21 22 23 25 26 floors and roofs on the 4th 5th, 10th 20th 22nd 48th 51st and 52nd

6) Asbestos Abatement Contractor:

Name: Safeway Environmental

Address: _____

Telephone #: ( )

7) Starting Date: 10/5/9 Projected Completion Date: _____

8) Verification by Owner/Agent: (Yes.) No.

Call Taken By: L Reyes for P.T.

Date: 10/9/01

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC 000146315

NYC 9/11 Public Portal Document

SAFEWAY ENVIRONMENTAL CORP.

1379 Commerce Avenue
Bronx, NY 10461
[redacted]

E 145/01

October 5, 2001

Mr. R. Radhakrishnan, P.E.
Director of Asbestos Services
City of New York
Department of Environmental Protection
59-17 Junction Boulevard, 8th Floor
Corona, New York 11368-5107
FAX: (718) 595-3744



Re: American Express Tower
3 World Financial Center
Emergency Clean Up

Dear Mr. Radhakrishnan:

As discussed with Penny Theordorellys-Perez please find procedures for clean up work at **3 World Financial Center**, as follows:

SCOPE:
Removal of approximately 10,000 square feet of contaminated debris from the building setback roofs and approximately 90,000 square feet of contaminated debris from the interior Southeast corner of the building located at 200 Vesey Street (3 World Financial Center), New York, NY. The subject building is located immediately West of the former 1WTC site.

Setback roofs are located on the 4th, 5th, 10th, 20th, 26th, 48th, 51st and 52nd floors of the building.

Contaminated interior areas shall include the Southeast corners of the building. Work is located on the 3rd, 4th, 5th, 6th, 7th, 8th, 9th 10th, 11th, 12th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th and 26th floors.

Contractor	**3rd Party Air Monitor #1**	**3rd Party Air Monitor #2**
Safeway Environmental Corp.	**JLC Environmental Consultants, Inc.**	**Emteque Corporation**
1379 Commerce Avenue	200 Park Ave South, Suite 1001	505 Eighth Avenue, Suite 900
Bronx, NY 10461	New York, NY 10003	New York, NY 10018
(718) 794-4300	(212) 420-8119	(212) 631-9000
Asbestos License Number: 99-0955		

Work shall proceed as follows:

1. Remote showering facilities will be erected.
2. Each setback roof and contaminated Southeast corner will be its own work area. Access shall be restricted to authorized personnel. Each work area shall be cordoned off with signs and Caution barrier tape.
3. Personal protective equipment shall be worn (i.e. (2) tyvek suits, glove, ½ face negative pressure respirator, gloves, etc.).

NYC-WTC_000146316

NYC 9/11 Public Portal Document

4. All openings on the setback roof (penetrations, broken windows) shall be fully closed and sealed with two layers of 6-mil poly.
5. Clean up methods shall consist of adequately wetting the debris, placing the debris in asbestos waste bags and wet wiping / HEPA vacuuming the area. For contaminated metal debris, the metal will be thoroughly decontaminated and or and disposed of as regular construction waste.
6. Upon completion of the clean up and before final air clearance, all surfaces shall be rendered free of visible debris.
7. Air sampling shall be conducted as per Title 15 Chapter 1, Subchapter D, and Part 3.

Work shall start tonight, October 05, 2001 at approximately 6:00PM.
An ACP7 for this project shall be submitted with the DEP on Tuesday, October 09, 2001

This emergency clean up work *must* take place in order to install cranes on the setback roofs to correct the unsafe structural condition in the South East corner of the building.

Very truly yours,

Safeway Environmental Corp.

Don Adler
Vice President

McClier Corporation (as agent for the Owner)

Paul Troast
Vice President

NYC-WTC_000146317

NYC 9/11 Public Portal Document

3 World Financial Center
New York, NY

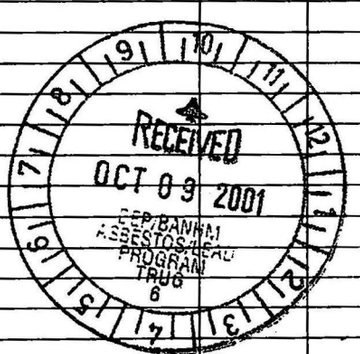
ER 145/01.

ACP7 Attachment

SAFEWAY ENVIRONMENTAL CORP.
1379 Commerce Avenue
Bronx, NY 10461

Tem 1243 Mod

Actual Floor(s)	Describe Section of Floor	Affected Surfaces Containing Friable ACM	Amount of Friable ACM SF	Amount of Friable ACM LF	Description of Work Being Performed
52	Southeast corner	setback	1,000	0	Cleanup
51	Southeast corner	setback	1,000	0	Cleanup
48	Southeast corner	setback	500	0	Cleanup
26	Southeast corner	furniture, carpeting and setback	5,700	0	Cleanup
25	Southeast corner	furniture, carpeting	2,700	0	Cleanup
24	Southeast corner	furniture, carpeting	2,700	0	Cleanup
23	Southeast corner	furniture, carpeting	2,700	0	Cleanup
22	Southeast corner	furniture, carpeting	2,700	0	Cleanup
21	Southeast corner	furniture, carpeting	2,700	0	Cleanup
20	Southeast corner	furniture, carpeting and setback	3,700	0	Cleanup
19	Southeast corner	furniture, carpeting	2,700	0	Cleanup
18	Southeast corner	furniture, carpeting	2,700	0	Cleanup
17	Southeast corner	furniture, carpeting	2,700	0	Cleanup
16	Southeast corner	furniture, carpeting	2,700	0	Cleanup
15	Southeast corner	furniture, carpeting	2,700	0	Cleanup
14	Southeast corner	furniture, carpeting	2,700	0	Cleanup
13	Southeast corner	furniture, carpeting	2,700	0	Cleanup
12	Southeast corner	furniture, carpeting	2,700	0	Cleanup
11	Southeast corner	furniture, carpeting	2,700	0	Cleanup
10	Southeast corner	furniture, carpeting and setback	7,700	0	Cleanup
9	Southeast corner	furniture, carpeting	8,100	0	Cleanup
8	Southeast corner	furniture, carpeting	8,100	0	Cleanup
7	Southeast corner	furniture, carpeting	8,100	0	Cleanup
6	Southeast corner	furniture, carpeting	8,100	0	Cleanup
5	Southeast corner	furniture, carpeting and setback	8,600	0	Cleanup
4	Southeast corner	furniture, carpeting and setback	8,600	0	Cleanup
3	Southeast corner	furniture, carpeting	8,100	0	Cleanup
			115,100 sf	0 lf	



NYC-WTC_000146318

NYC 9/11 Public Portal Document

3 World Financial Center
New York, NY

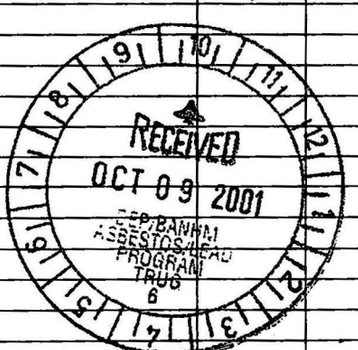
ER 145/01.

ACP7 Attachment

SAFEWAY ENVIRONMENTAL CORP.
1379 Commerce Avenue
Bronx, NY 10461

Tech 1243 Mod

Actual Floor(s)	Describe Section of Floor	Affected Surfaces Containing Friable ACM	Amount of Friable ACM SF	Amount of Friable ACM LF	Description of Work Being Performed
52	Southeast corner	setback	1,000	0	Cleanup
51	Southeast corner	setback	1,000	0	Cleanup
48	Southeast corner	setback	500	0	Cleanup
26	Southeast corner	furniture, carpeting and setback	5,700	0	Cleanup
25	Southeast corner	furniture, carpeting	2,700	0	Cleanup
24	Southeast corner	furniture, carpeting	2,700	0	Cleanup
23	Southeast corner	furniture, carpeting	2,700	0	Cleanup
22	Southeast corner	furniture, carpeting	2,700	0	Cleanup
21	Southeast corner	furniture, carpeting	2,700	0	Cleanup
20	Southeast corner	furniture, carpeting and setback	3,700	0	Cleanup
19	Southeast corner	furniture, carpeting	2,700	0	Cleanup
18	Southeast corner	furniture, carpeting	2,700	0	Cleanup
17	Southeast corner	furniture, carpeting	2,700	0	Cleanup
16	Southeast corner	furniture, carpeting	2,700	0	Cleanup
15	Southeast corner	furniture, carpeting	2,700	0	Cleanup
14	Southeast corner	furniture, carpeting	2,700	0	Cleanup
13	Southeast corner	furniture, carpeting	2,700	0	Cleanup
12	Southeast corner	furniture, carpeting	2,700	0	Cleanup
11	Southeast corner	furniture, carpeting	2,700	0	Cleanup
10	Southeast corner	furniture, carpeting and setback	7,700	0	Cleanup
9	Southeast corner	furniture, carpeting	8,100	0	Cleanup
8	Southeast corner	furniture, carpeting	8,100	0	Cleanup
7	Southeast corner	furniture, carpeting	8,100	0	Cleanup
6	Southeast corner	furniture, carpeting	8,100	0	Cleanup
5	Southeast corner	furniture, carpeting and setback	8,600	0	Cleanup
4	Southeast corner	furniture, carpeting and setback	8,600	0	Cleanup
3	Southeast corner	furniture, carpeting	8,100	0	Cleanup
			115,100 sf	0 lf	



NYC 9/11 Public Portal Document

ER 14/5/01

4. All openings on the setback roof (penetrations, broken windows) shall be fully closed and sealed with two layers of 6-mil poly.
5. Clean up methods shall consist of adequately wetting the debris, placing the debris in asbestos waste bags and wet wiping / HEPA vacuuming the area. For contaminated metal debris, the metal will be thoroughly decontaminated and or and disposed of as regular construction waste.
6. Upon completion of the clean up and before final air clearance, all surfaces shall be rendered free of visible debris.
7. Air sampling shall be conducted as per Title 15 Chapter 1, Subchapter D, and Part 3.

Work shall start tonight, October 05, 2001 at approximately 6:00PM.
An ACP7 for this project shall be submitted with the DEP on Tuesday, October 09, 2001

This emergency clean up work *must* take place in order to install cranes on the setback roofs to correct the unsafe structural condition in the South East corner of the building.

Very truly yours,

Safeway Environmental Corp.

Don Adler
Vice President

McCller Corporation (as agent for the Owner)

Paul Troast
Vice President

NYC-WTC_000146320

NYC 9/11 Public Portal Document

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT AMENDMENT FORM
FOR FORM ACP 7

FOR OFFICIAL USE ONLY
Fee (if any) $ _____
Amendment 2001A-2537
Information Only: ☐ Yes ☐ No

A modification is valid only if it is received by the NYCDEP prior to the previously filed date of completion, except for start date changes that must be received by the original start date.

ACP7 TRU/BN# 1243MN01 Facility Address 200 Vesey Street Borough Manhattan Zip 10281

Date ACP7 was filed 10/9/01 Variance # (If any) _____

Was this ACP7 amended before? ☐ Yes ☑ No If yes, specify date _____

Original Start Date 9/5/01 Original Completion Date 11/5/01 from ACP 7, #24.

PLEASE ENTER THE INFORMATION THAT IS BEING CHANGED:

A notification may be modified no more than twice.
Only the building owner may amend items IV and VI.
The original applicant or building owner may amend all other items.

RECEIVED
NOV 2 2001
BUREAU OF ENVIRONMENTAL COMPLIANCE & ENERGY
ASBESTOS CONTROL PROGRAM
TRU 1

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name _____ 13. Contact Person _____
14. Federal Employer ID. # _____ 15. Tel. # _____ Fax # _____
16. Address _____ City _____ Zip _____

V. THIRD PARTY AIR MONITOR

17. Name Ambient Group Inc. 18. Contact Person Jack Springston
19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]
21. Address 55 West 39th Street City New York State NY Zip 10018
22. Sample Analysis Laboratory Ambient Group Inc. 23. NYS DOH ELAP # 11753 / 10865

VI. PROJECT INFORMATION

☐ Project Cancelled
☐ Project Postponed

24. Starting date for this portion of work _____ Projected completion date 3/31/02

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from: _____ ☐ am ☐ pm to _____ ☐ am ☐ pm If other, specify _____

25. Additional asbestos-containing material to be disturbed during this work _____ Square Feet, and/or _____ Linear Feet

Reduction in the amount of ACM to be disturbed during this work _____ Square Feet, and/or _____ Linear Feet

29. Abatement Procedure for Additional Material (Check all appropriate boxes)
☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

Other Changes _____

30. Locations of abatement modified by above _____
(For each floor list ACM quantity and type)

31/32. Name of Applicant / Owner 3 World FINACIAL CEN. AMERICAN Ex Tel. # [redacted]
Name of Company (If any) [redacted] Fax # _____ A.
Address 3 WORLD FINANCIAL CENTER City NY State NY Zip 10281 A

I hereby declare that the information provided herein is true and complete.

[signature] 10.31.0
Signature of Applicant /Owner Date
Sr VP McCher Corp.

ACP 8
2/2001

NYC-WTC_000146321

NYC 9/11 Public Portal Document

PAID
NYC — DEP — ASB
ONLY DEC TYPEWRITTEN FORMS WILL BE ACCEPTED
Ctl #

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 1483Hno
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 1,200.00
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY
ER 146/0

I. FACILITY

2. Address 69 Murray Street Borough Manhattan Zip 10007

AKA _____ 3. Block 132 4. Lot 3

5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name 69 Murray Corp. 8. Contact Person Howard Berman

9. Tel. # [redacted] Fax # [redacted]

10. Address 69 Murray Street City New York State NY Zip 10007

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Branch Services, Inc. 13. Contact Person Paul Napolitano

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 101-2 Colin Drive City Holbrook, NY State NY Zip 11741

V. THIRD PARTY AIR MONITOR

17. Name J.C. Broderick & Associates 18. Contact Person Brendan Broderick

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 101-4 Colin Drive City Holbrook State NY Zip 11741

22. Sample Analysis Laboratory LOng Island Analytical 23. NYS DOH ELAP # 11693

VI. PROJECT INFORMATION

24. Starting date for this portion of work 10/16/01 Projected completion date 10/19/01

Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from: 8:00 ☒ am ☐ pm to 6:00 ☐ am ☒ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
DEC 14 2001
DEP/BANHM
ASBESTOS/LEA
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work
4,300 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A-371 Tel.# [redacted]

Disposal Site(s) Southern Alleghenies Disposal Svcs. Road 3 Box 310 Valleyview Dr Hollsopple, PA 15935

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☒ Other (Describe) Asbestos Containing Dust

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☒ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☒ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

TRU 1483 Hwy.

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Roof	Entire	All including contents	2,500		Cleaning of ACM
Lobby	Entire	All including contents	1,800		Cleaning of ACM

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Kevin T. Kortlang	Melanie L. Accardi	Melanie L. Accardi
Signature: K J Kortlang	Signature: Melanie L. Accardi	Signature: Melanie L. Accardi
Date: 10/21/01	Date: 10/21/01	Date: 10/21/01

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

HOWARD BERMAN (Print Name of Owner) Howard Berman (Signature) 10/21/01 (Date)

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146323

NYC 9/11 Public Portal Document

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

E 146/01

Written notification must be received within 48 hours via

a) Asbestos Inspection Report (ACP-7)

b) Cover letter explaining the nature of the emergency

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: [redacted]

2) Nature of Emergency: World Trade Center emergency Asbestos Clean up.

3) Actual Date and Time of Emergency _____

4) Method of Asbestos Abatement: Asbestos dust blown-up, Criticals & Bolcelia Brushes and Remote Shower ceiling

Removal _____ Sq.ft. _____ L. ft. Repair _____ Sq. ft. _____ L. Ft

Encapsulation _____ Sq. ft. _____ L. ft. Clean-up 9300 Sq. ft. _____ L. ft.

Enclosure _____ Sq. ft. _____ L. ft.

5) Facility Address: 69 Murray Street Mun.

Owner/Agent: Contact Person _____ Tel. _____

Location of Asbestos Abatement: Lobby 1800 Sq and Roof 2500

6) Asbestos Abatement Contractor:

Name: Brueh Services

Address: _____

Telephone #: ( ) _____

7) Starting Date: 10/16/01 Projected Completion Date: 11/6/01

8) Verification by Owner/Agent: (Yes.) ~~No.~~

Call Taken By: LR

Date: 10/15/01

xc: Enforcement (Urgent).

Form N7 7/93

NYC 9/11 Public Portal Document

Branch
SERVICES, INC.
Where A Cleaner Environment Begins - Since 1975

October 19, 2001

Ms. Lisa Reyna
NYC Department of Environmental Protection
Asbestos and Lead Control Program
59-17 Junction Boulevard – 8th Floor
Corona, NY 11368



Re: Emergency ACP 7 # E146-01
Site: 69 Murray Street
New York, NY

Dear Ms. Reyna,

Enclosed please find our ACP 7 application for the emergency notification of the above referenced site. A scope of work has been included. If there are any problems pleased contact me at the number below. Thank you for your help.

Sincerely,

Jennifer Brennan

Damage Restoration, Environmental Consulting & Remediation

101-2 Colin Drive • Holbrook, NY 11741

NYC-WTC_000146325

NYC 9/11 Public Portal Document



October 15, 2001

To: N.Y.C.D.E.P. Asbestos Control Program

From: Branch Services (Asbestos Contractor) [redacted] 101-2 Colin Drive, Holbrook, NY

Re: Clean up of dust and asbestos containing dust and debris at 69 Murray Street, Manhattan

Locations: Lobby, third floor apartment south windowsill, the upper and lower penthouse roofs and the elevator car. Does not include any exterior structures.

Surface types: All, including contents.

Starting Date: October 16, 2001 9:00 am.

Scope of work:

The Lobby areas and roofs showed levels of asbestos above one percent by weight. All other areas showed trace amounts, less than one percent, with the exception of the inner south 3rd floor windowsill. Lobby is approximately 1800 square feet. Roof is approximately 2,500 square feet.

A remote showering unit will be set up on the lobby level near the elevator. This area will be precleaned. All areas will be cleaned as an asbestos abatement project in accordance with all the applicable regulations of N.Y.S. Industrial Code Rule 56 and N.Y.C. Title 15 with the exception of the apartments, basement and first floor store because samples taken showed less than one percent asbestos or contain only light dust. However, all of these areas will be cleaned using HEPA vacuums and wet wiping methodology. The windowsill area of the third floor apartment that contains less than 10 square feet of asbestos dust & debris will be cordoned off and treated as a minor asbestos project.

Isolation barriers will be erected as necessary and/or appropriate. H.E.P.A. filtered air filtration units will be set up in all areas to constantly filter the air and stop the asbestos fibers from entering uncontaminated portions of the space. We clean all work areas and all contents using H.E.P.A. vacuuming and wet wiping methodology. All asbestos containing debris will be double bagged in 6 mil polyethylene asbestos bags and transported to a D.E.C. approved disposal site. A copy of the landfill waste manifest will be mailed to the owners upon our receipt.

Damage Restoration, Environmental Consulting & Remediation

101-2 Colin Drive • Holbrook, NY 11741

Phone [redacted]

NYC-WTC_000146326

NYC 9/11 Public Portal Document

The building owner will contract with an independent third party consultant laboratory to perform air testing in conformance with New York City and State Law.

All workers will have all necessary and required New York State, New York City and Federal licensing for their respective duties on the asbestos abatement project including but not limited to asbestos supervisor, asbestos handler and asbestos project designer. Please call me with any questions.

Respectfully submitted,

Paul Napolitano
Vice President

Branch
SERVICES, INC.
101-2 Colin Drive • Holbrook, NY 11741

NYC-WTC_000146327

NYC 9/11 Public Portal Document

EMERGENCY 9/17/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1287 M NO1

Building Dept. or TRU No.
FOR OFFICIAL USE ONLY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

www.nyc.gov/dep

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $1,200.00 (See fee schedule)

Ctl. #

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 115 Broadway 3rd Floor Borough Manhattan Zip 10006

AKA [redacted] 3. Block 50 4. Lot 1

5. Type of Facility Commercial Office Bldg 6. Name of Building

II. BUILDING OWNER

7. Name Capital Properties 8. Contact Person Kevin Hoey

9. Tel. # [redacted] Fax # [redacted]

10. Address 111 Broadway City NY State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name AMG Environmental, LTD Tel. # [redacted]

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Green Star Enterprises, Inc. 13. Contact Person Kenneth Bowen

14. Federal Employer ID. [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 23-03 45 Road Suite 402 City LIC State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name The Windsor Consulting Group 18. Contact Person Bernard Fontaine

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 14 Sheinfine Avenue City South River State NJ Zip 08882

22. Sample Analysis Laboratory EMSL 23. NYS DOH ELAP # 11469

VI. PROJECT INFORMATION

24. Starting date for this portion of work 10/17/01 Projected completion date 11/23/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 8:00 ☑ am ☐ pm to 12:00 ☑ am ☐ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
OCT 19 2001
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

8,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146328

NYC 9/11 Public Portal Document

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

E 147/01

Written notification must be received within 48 hours via

a) Asbestos Inspection Report (ACP-7)

b) Cover letter explaining the nature of the emergency

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: ( ) [redacted]

2) Nature of Emergency: WTC Emergency clean up

3) Actual Date and Time of Emergency _____

4) Method of Asbestos Abatement:

Removal _____Sq.ft. _____L. ft. Repair _____Sq. ft. _____L. Ft

Encapsulation _____Sq. ft. _____L. ft. Clean-up 5,000 Sq. ft. _____L. ft.

Enclosure _____Sq. ft. _____L. ft.

5) Facility Address: 115 Broadway NY, NY 10006

Owner/Agent: Contact Person _____ Tel. _____

Location of Asbestos Abatement: 3rd floor (partial)

6) Asbestos Abatement Contractor:

Name: Green Star Enterprises

Address: _____

Telephone #: ( ) _____

7) Starting Date: 10/15/01 Projected Completion Date: _____

8) Verification by Owner/Agent: Yes. No.

Call Taken By: LR

Date: 10/12/01

cc: Enforcement (Urgent).

Form N7 7/93

NYC 9/11 Public Portal Document

AMG ENVIRONMENTAL, LTD.
YOUR COMPLETE ENVIRONMENTAL REMEDIATION PROVIDER

October 19, 2001

NYC Department of Environmental Protection
Asbestos Control Program
59-17 Junction Boulevard, 8th floor
Corona, New York 11368-5107



RE: 115 BROADWAY, NEW YORK

Dear Sir/Madam:

Under this cover please find a fully executed ACP-7 and accompanying fee for **emergency work** being undertaken at the property referenced above.

On Wednesday, October 17th, an emergency number was assigned by you office. The number is **E147/01.**

We trust this will meet your approval.

Sincerely,

AMG ENVIRONMENTAL, Ltd.

Paul Ruoso
Vice President

Encl.

107-15 180th Street, Jamaica, NY 11433 [redacted]

NYC-WTC_000146330

NYC 9/11 Public Portal Document

GreenStar ENTERPRISES INC.

23-03 45TH ROAD • SUITE 402 • LONG ISLAND CITY, NY 11101

E 147/01

October 12, 2001

RECEIVED
OCT 16 2001
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM

To: NYC Department of Environmental Protection
59-17 Junction Blvd. – 8th Floor
Corona, NY 11368

Attn: Lisa Reina

Re: 115 Broadway NY, NY 10006
Work Procedures for ACM Clean Up

Dear Ms. Reina,

In reference to the above-mentioned location, the following is the procedures that will be used to clean up & decontaminate on the 3rd floor, approximately 8,000 square feet office space that is currently occupied by the law offices of Peter Angelos.

We shall perform the following:

- A three (3)-stage worker decontamination unit, attached to the work area, shall be built & maintained through out the project in the reception area. Prior to building Decon, area shall be precleaned.
- All windows, vents, openings & penetrations shall be have two layers of 6 mil polyethylene sheeting in place as critical barriers. The work area shall be sealed off from other non-contaminated areas by isolation barriers.
- Set & establish negative air filtration devices & maintain the office space under proper negative air pressure through out project.
- A separate material decontamination unit shall be installed in the file area to receive items for decontamination.
- Papers, files, books, computers, fax machines, personal & office supply items shall be decontaminated via the material decontamination unit.
- The floors are lightly contaminated with acm dust, they shall be hepa vacuumed and wet wiped.
- Desks, chairs, and cabinets will then be wet wiped.

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- Air sampling, including clearances, shall be performed in accordance with the requirements set forth in title 15, Chapter 1 of the Rules of the City of New York.

- Prior to re-occupancy of area, all HVAC system filter shall replaced.

- ACP 7 shall be filed with the department with in one week.

Both the Environmental Consultant and our management personnel have viewed the space. Both parties found the space was never grossly violated by the dust plume associated with the collapse of the Towers. All windows were in the closed position. Not one glass windowpane throughout the space was lost. What dust did enter was that which was forced in by the pressure of the plume, and leaked in where the window sashes meet the window casings. Visible dust is limited to horizontal surfaces immediately proximate to the windows, i.e. sills and radiator covers.

The tenant has made it clear to their insurance provider that they will not accept their contents unless all items are HEPA vacuumed/wet wiped. It is for this reason, we are submitting this filing.

If there are any additional questions and/or comments regarding this project, please feel free to contact me at 718.482.1324.

Sincerely,

Kenneth Bowen
Green Star Enterprises, Inc.

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1482M-01
Building Dept. or TRU No.
FOR OFFICIAL USE ONLY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

DEP — ASB

DEC 14 2001

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. 1,200.00 (See fee schedule)

EMERGENCY ER 150 01

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

Ctl #

I. FACILITY

2. Address 22 Cortlandt Street Borough Manhattan Zip 10007

AKA _____ 3. Block 63 4. Lot 3

5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name Murray Hill Properties 8. Contact Person Abe New

9. Tel. # [redacted] Fax # [redacted]

10. Address 22 Cortlandt Street City New York, NY State NY Zip 10007

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name 192 Branch Interior Services, Inc. 13. Contact Person Paul Napolitano

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 101-2 Colin Drive City Holbrook State NY Zip 11741

V. THIRD PARTY AIR MONITOR

17. Name Hillman Environmental Group 18. Contact Person Craig Downs

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 32 Main Street City Chatham State NY Zip 12037

22. Sample Analysis Laboratory Hillman Environmental 23. NYS DOH ELAP # 10926

VI. PROJECT INFORMATION

24. Starting date for this portion of work 10/19/01 Projected completion date 11/15/01 ~~12/14/01~~ 12/28/01

Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday ☐ Sunday

Shift from: 8:00 ☒ am ☐ pm to 6:00 ☐ am ☒ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
DEC 14 2001
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

92,500 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A-371 TEL.# [redacted]

Disposal Site(s) Southern Alleghenies Disposal Services Road 3 Box 310 Valleyview Hollsopple, PA 15935

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☒ Other (Describe) Asbestos Containing Dust

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☒ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☒ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT TRN 14824 01.

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
5th	Entire	Ceiling, floors, Walls & contents	3,750		Cleaning of ACM
6th	Entire	Ceiling, floors Walls & contents	1,000		Cleaning of ACM
8th	Entire	Ceiling, floors Walls & contents	15,000		Cleaning of ACM
9th	Entire	Ceiling, floors Walls & contents	15,000		Cleaning of ACM
10th	Entire	Ceiling, floors Walls & contents	15,000		Cleaning of ACM
11th	Entire	Ceiling, floors Walls & contents	6,000		Cleaning of ACM
12th	Entire	Ceiling, floors Walls & contents	6,500		Cleaning of ACM
14th	Entire	Ceiling, floors Walls & contents	6,500		Cleaning of ACM
16th	Entire	Ceiling, floors Walls & contents	2,500		Cleaning of ACM
18th	Entire	Ceiling, floors Walls & contents	625		Cleaning of ACM

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Craig Downs	Melanie L Accardi	Melanie L. Accardi
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Melanie L Accardi Signature	Melanie L. Accardi Signature
10/19/01 Date	10/19/01 Date	10/19/01 Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

MOSHE DRIZIN Print Name of Owner — Signature — 10/24/01 Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7 2/2001

NYC 9/11 Public Portal Document

30. **LOCATIONS OF ABATEMENT** (Continuation of previous page) Tier 1482 Mod 1

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
17th	Entire	Ceiling, floor Walls & contents	625		Cleaning of ACM
19th	Entire	Ceiling, floors Walls & contents	15,000		Cleaning of ACM
25th	Entire	Ceiling, floors Walls & contents	1,875		Cleaning of ACM
28th	Entire	Ceiling, floors Walls & contents	1,250		Cleaning of ACM
29th	Entire	Ceiling, floors Walls & contents	625		Cleaning of ACM
30th	Entire	Ceiling, floors Walls & contents	625		Cleaning of ACM
31st	Entire	Ceiling, floors Walls & contents	625		Cleaning of ACM

NYC 9/11 Public Portal Document

THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

PHONE (718) 595-4418
FAX (718) 595-~~4422~~ 3648

Bureau of
Air, Noise, & Hazardous
Materials

ASBESTOS CONTROL PROGRAM TECHNICAL REVIEW UNIT
ACP-7 CORRECTION FORM

PREMISES ADDRESS 22 Cortlandt St, NY

BOROUGH NYC ZIP CODE 11007

CORRECT START DATE 10/18/01 CORRECT COMPLETION DATE 2/28/02

CORRECT ACM QUANTITY: _____ SQUARE FEET, AND/OR _____ LINEAR FEET

Correct Method Of Abatement: _____

Confirmation Of Change(s) Of Date(s) and/ACM Quantity As Noted Above

The undersigned affirms that she/he has been instructed verbally to change or confirm the date(s) and/or ACM quantity, by Ms./Mr._____, who is duly authorized to represent the organization/agency/company/corporation stated in the form ACP-7 regarding the above-noted facility address to be the (Please check one box only):

[ ] Asbestos Abatement Contractor [ ] Building Owner

[ ] Applicant for the asbestos project.

RECEIVED DEC 14 2001 DEP/BAN... ASBESTOS LEAD PROGRAM DRUG ...

The Undersigned Is Employed by

192 Branch Intenor Services, Inc.
Organization/ Agency/ Company/ Corporation

101-2 Colin Dr. Holbrook 11741
Address

[redacted]
Telephone #

[redacted] [redacted]
Print Name Signature

TRU N4 8/96

59-17 Junction Boulevard, 11th Floor, Corona, New York 11368-5107

NYC-WTC_000146336

NYC 9/11 Public Portal Document

E150/01

NYC DEP ASBESTOS CONTROL PROGRAM

EMERGENCY ASBESTOS PROJECT NOTIFICATION (15 RCNY Section 1-56)

Written notification must be received within 48 hours via

a) Asbestos Inspection Report (ACP-7)

b) Cover letter explaining the nature of the emergency

1) Caller's Name: [redacted]

Affiliation: [redacted]

Telephone #: [redacted]

2) Nature of Emergency: W. F C Emergency clean up.

3) Actual Date and Time of Emergency _____

4) Method of Asbestos Abatement:

Removal _____Sq.ft. _____L. ft. Repair _____Sq. ft. _____L. Ft

Encapsulation _____Sq. ft. _____L. ft. Clean-up _____Sq. ft. _____L. ft.

Enclosure _____Sq. ft. _____L. ft. 92,500

5) Facility Address: 22 Courtlandt Street

Owner/Agent: Contact Person Abe New. Murray mills Properties Tel. 212 587 8580

Location of Asbestos Abatement: 5th, 6th, 8th, 9th, 10th, 11th, 12th, 14th, 16th, 17th 18th, 19th, 25th, 28th, 29th, 30th and 31st floors. Floors walls & Ceilings entire contents.

6) Asbestos Abatement Contractor:

Name: Karl Napolitano. Karch Services.

Address: ~~[redacted]~~ 104-2 Colin Drive Holbrook, NY 11741

Telephone #: [redacted] cell: [redacted]

7) Starting Date: 10/18/01 Projected Completion Date: 11/18/01.

8) Verification by Owner/Agent: Yes. No.

Call Taken By: M Richardson

Date: October 18, 2001

xc: Enforcement (Urgent).

Form N7 7/93

NYC-WTC 000146337

Branch SERVICES, INC.

Where A Cleaner Environment Begins · Since 1975

Norman Richardson 718 595 3715

Lisa Rayna 718 595 3652

FAX TRANSMITTAL

DATE: ~~10/5/01~~ 10/18/01 PAGES INCLUDING COVER: 20

FAX#: 718 595 3744 PHONE#: x3648

RECIPIENT: NYCDEP ACP

SENDER: Paul Napolitano

RE: ~~60 Harvey Street, Manhattan~~ 22-Courtlandt Street

REMARKS:

Emergency cleanup - Re: WTC attack

In accordance with 9/14/01 DEP directives.

Damage Restoration, Environmental Consulting & Remediation

101-2 Colin Drive • Holbrook, NY 11741

NYC 9/11 Public Portal Document

[redacted]

NYS ASBESTOS LIC. # AC-95-1037
CT ASBESTOS LIC. # 000172
CONTRACTOR LIC. # 7531-HI

BRANCH SERVICES

A Division of 192 Branch Interior Services, Inc.
101-2 Colin Drive • Holbrook, New York 11741

October 17, 2001

To: N.Y.C.D.E.P. Asbestos Control Program

From: Branch Services (Asbestos Contractor) [redacted] 101-2 Colin Drive, Holbrook, NY

Re: Clean up of asbestos containing dust and debris

Site: 22 Cortlandt Street, Manhattan

Locations:

5th Floor 3,750 sq. ft.
6th Floor 1,000 sq. ft.
8th Floor 15,000 sq. ft.
9th Floor 15,000 sq. ft.
10th Floor 15,000 sq. ft.
11th Floor 6,000 sq. ft.
12th Floor 6,500 sq. ft.
14th Floor 6,500 sq. ft.
16th Floor 2,500 sq. ft.
17th Floor 625 sq. ft.
18th Floor 625 sq. ft.
19th Floor 15,000 sq. ft.
25th Floor 1,875 sq. ft.
28th Floor 1,250 sq. ft.
29th Floor 625 sq. ft.
30th Floor 625 sq. ft.
31st Floor 625 sq. ft.

Total Square footage: 92,500

Surface types: Ceilings, floors, walls and all contents.

Starting Date: October 18, 2001

NYC-WTC_000146339

NYC 9/11 Public Portal Document

[redacted]

NYS ASBESTOS LIC. # AC-95-1037
CT ASBESTOS LIC. # 000172
CONTRACTOR LIC. # 7531-HI

BRANCH SERVICES

A Division of 192 Branch Interior Services, Inc.
101-2 Colin Drive • Holbrook, New York 11741

Scope of work:

All areas denoted on Hillman Environmental drawings showed asbestos containing dust and debris above one percent by weight. All other areas showed trace amounts or none detected. A large remote showering unit will be set up on the 10th floor as it is easily accessible from all floors via the stairwell. This area will be precleaned prior to placement of the decontamination unit. All denoted areas will be cleaned as an asbestos abatement project in accordance with all the applicable regulations of N.Y.S. Industrial Code Rule 56 and N.Y.C. Title 15. All other areas of the building with light dust will be cleaned by others using HEPA vacuums and wet wiping methodology. Isolation barriers will be erected as necessary and/or appropriate. Barriers will be constructed of two layers of six-mil polyethylene sheeting. All areas adjacent to the work areas will be unoccupied for the duration of the project. H.E.P.A. filtered air filtration units will be set up in all areas to constantly filter the air and stop the asbestos fibers from entering uncontaminated portions of the space. We will clean all work areas and all contents using H.E.P.A. vacuuming and wet wiping methodology. All asbestos containing debris will be double bagged in 6 mil polyethylene asbestos bags and transported to a D.E.C. approved disposal site. A copy of the landfill waste manifest will be mailed to the owners upon our receipt.

The building has contracted Hillman Environmental as the independent third party consultant laboratory to perform air testing in conformance with New York City and State Law.

All workers will have all necessary and required New York State, New York City and Federal licensing for their respective duties on the asbestos abatement project including but not limited to asbestos supervisor, asbestos handler and asbestos project designer. Please call me with any questions.

Respectfully submitted,

Paul Napolitano
Vice President

NYC-WTC_000146340

NYC 9/11 Public Portal Document

HILLMANN ENVIRONMENTAL GROUP
ENVIRONMENTAL CONSULTING & LAB SERVICES
1600 Route 22 East
UNION, NEW JERSEY 07083
[redacted]

SCOPE OF WORK FOR DECONTAMINATION OF 22 CORTLAND STREET

1. Delineate heavily dusted areas that are to be abated by New York licensed asbestos workers (See attached drawings).

2. Isolate delineated areas from the rest of the floor using 2 layers of 6 mil fireproof polyethylene sheeting (poly). Included is the installation of critical barriers consisting of 2 layers of poly at all openings (doors, wall sockets, etc) to the area along the delineation line and within the area.

3. Isolate the HVAC system from the rest of the floor by sealing the openings with 2 layers of 6 mill poly at minimum.

4. Install negative pressure ventilation to the area through the use of HEPA equipped air filtration devices (with a minimum of 4 air changes per hour). The entrance to each area shall have a decontamination unit with water for washing of all personnel and waste to prevent the spread of dust to clean areas. One fully operational decontamination unit with a shower for the men shall be constructed in an area where all abatement workers shall shower at the end of each shift and before each break.

5. HEPA vacuum and/or wet wipe all surfaces in the area. Non- porous surfaces such as carpets and chairs are to be HEPA vacuumed only. All non-porous items may not be able to be completely decontaminated and may have to be disposed of as contaminated waste. Standard janitorial deep cleaning can be performed on the porous surfaces after the completion of the abatement activities and final air clearance.

6. Final air clearance testing and wipe sampling to be performed at the conclusion of the project to determine if area has been decontaminated. Micro-vac type sampling may be performed on porous materials to determine whether they are decontaminated. Containment of the abatement zones shall remain in place until after the completion of the janitorial cleaning in the non-regulated areas of the floor.

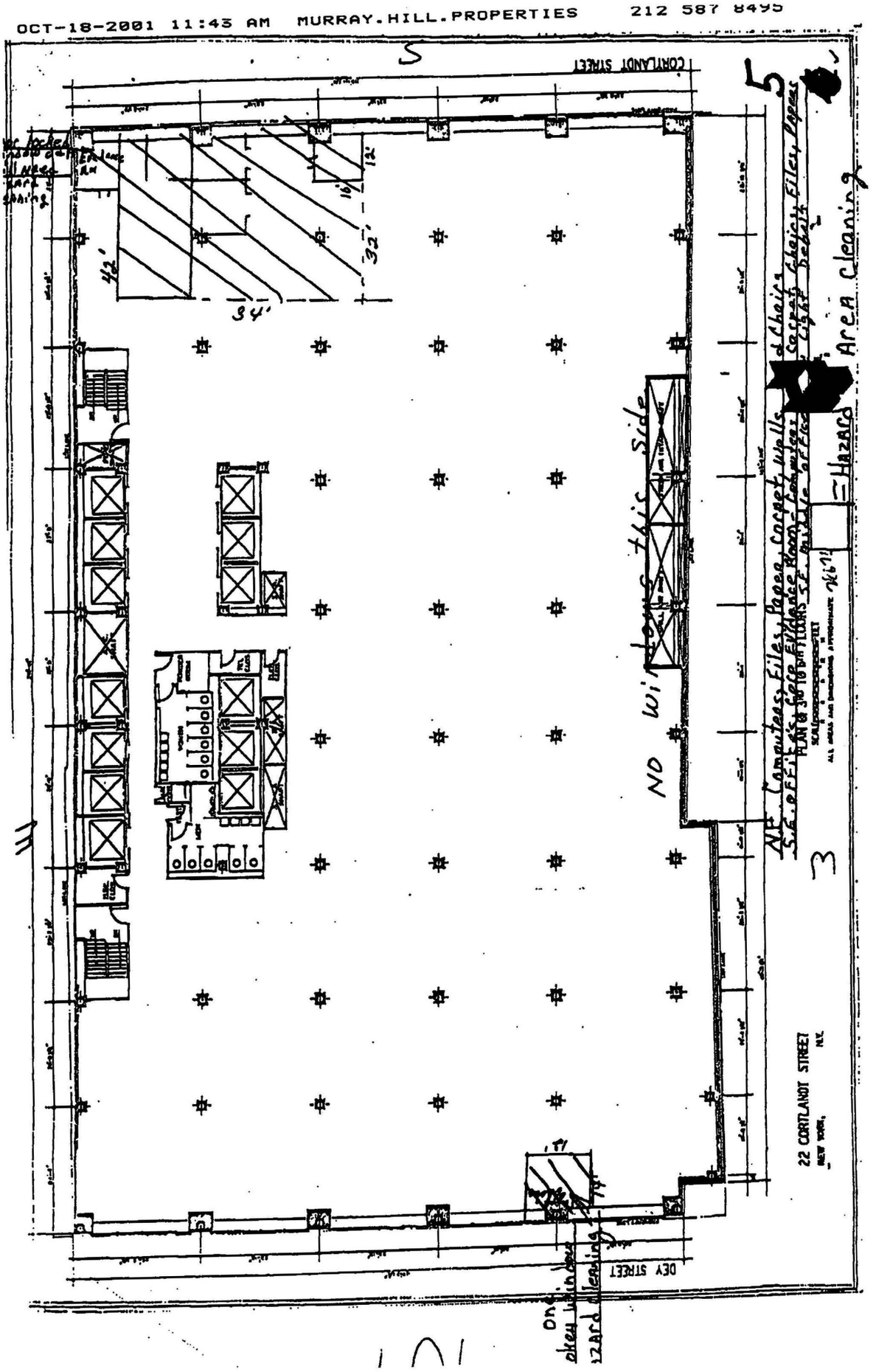
NYC 9/11 Public Portal Document

7. All waste generated in the abatement zones shall be disposed in labeled bags in accordance with all Federal State and Local regulations.

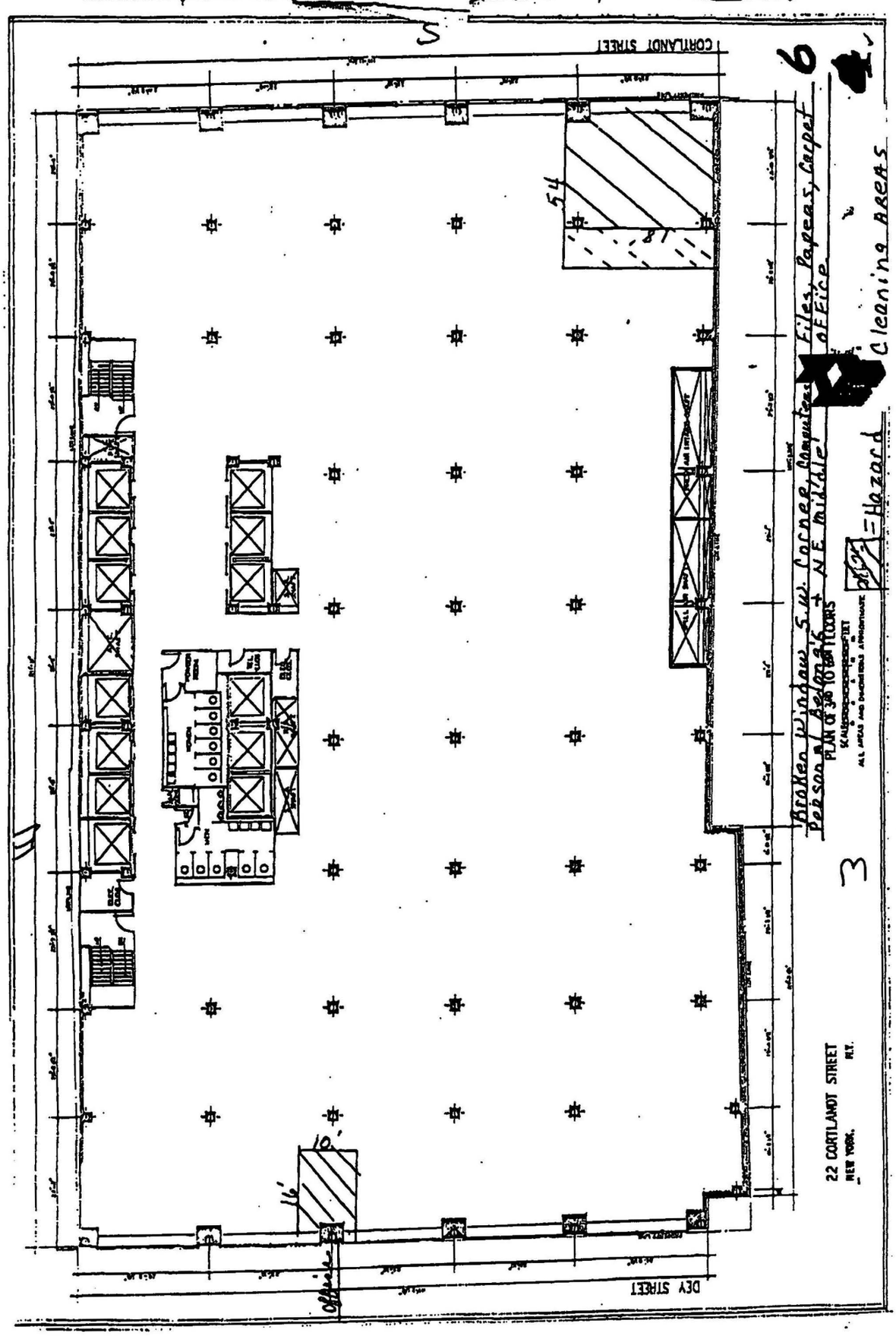
8. Hillmann Environmental Group shall provide complete project monitoring of all asbestos and cleaning activities on site including but not limited to visual inspection of all work areas, air monitoring, verification of worker certifications, sign in site access and review of contractor work specifications.

NYC-WTC_000146342

NYC 9/11 Public Portal Document

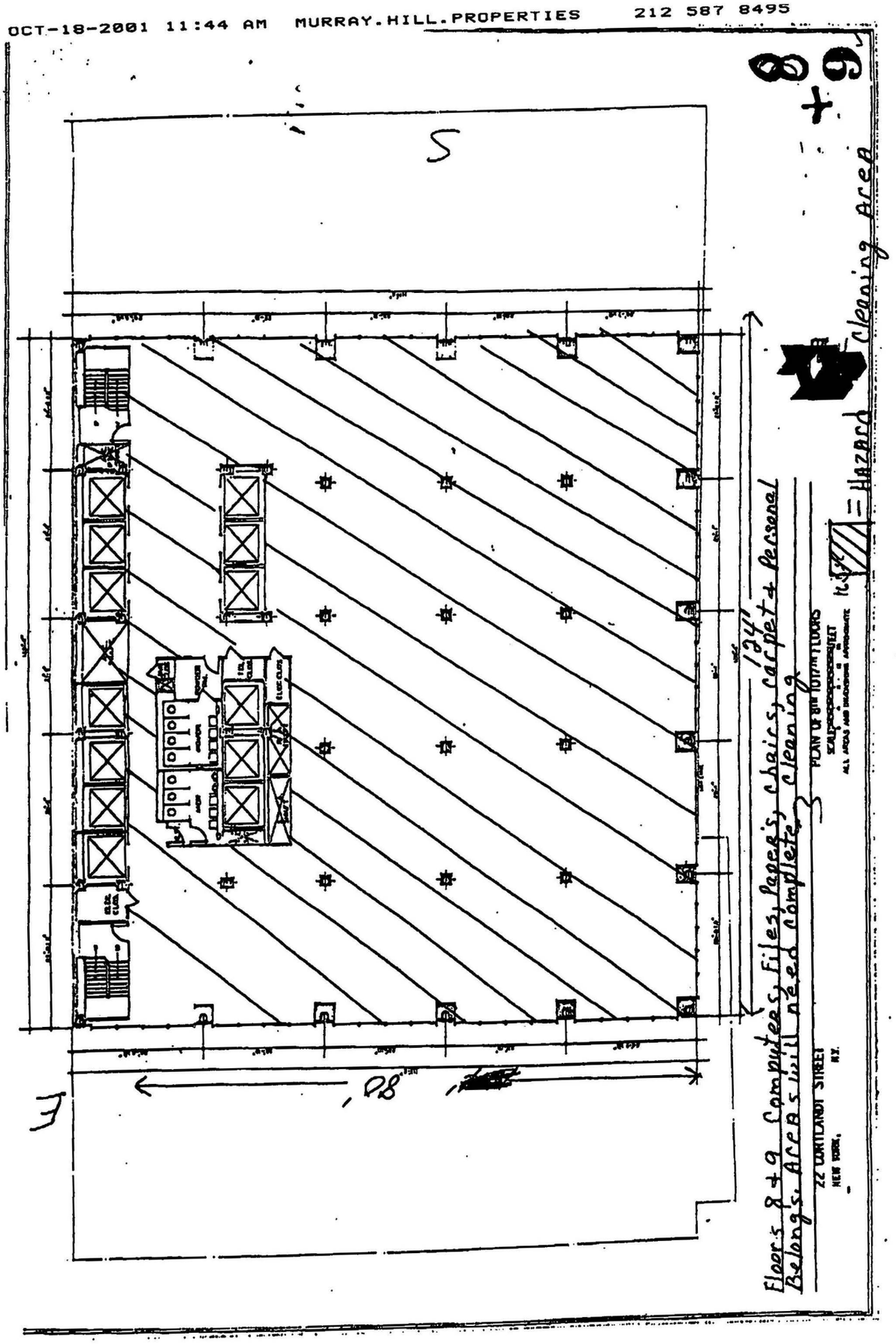


NYC 9/11 Public Portal Document



NYC 9/11 Public Portal Document

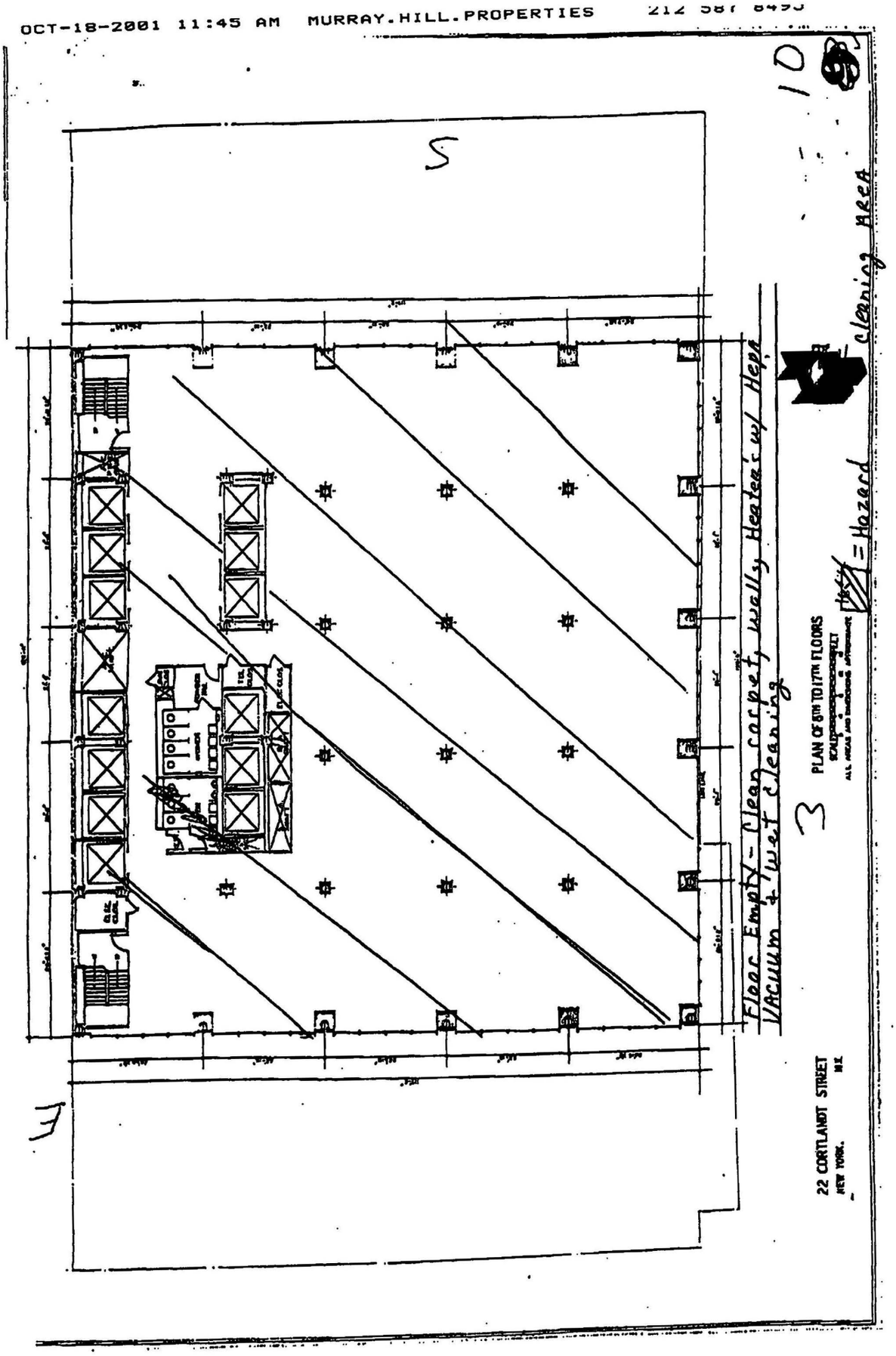
8 + 9



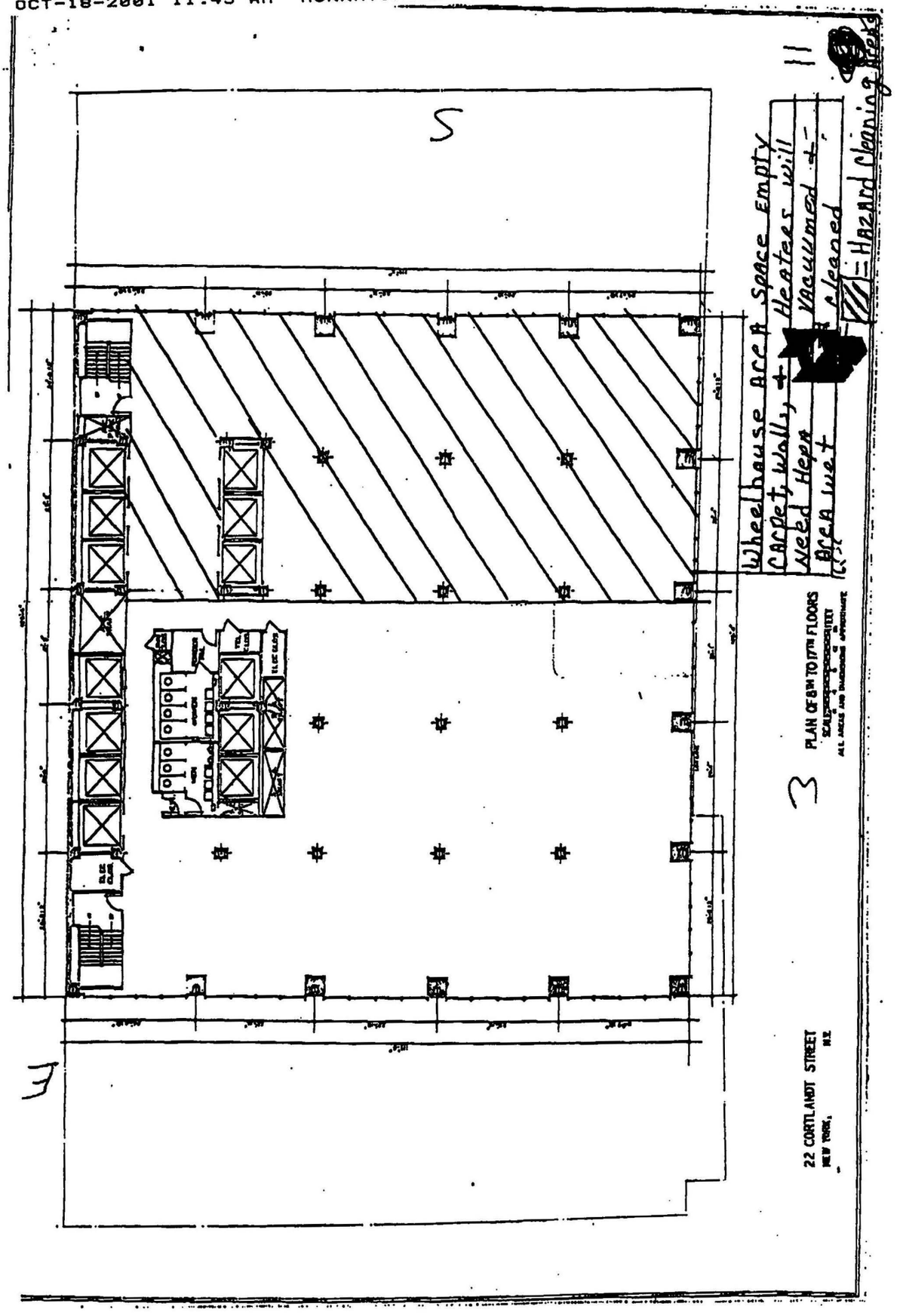
NYC-WTC_000146345

NYC 9/11 Public Portal Document

OCT-18-2001 11:45 AM MURRAY.HILL.PROPERTIES 212 587 8495

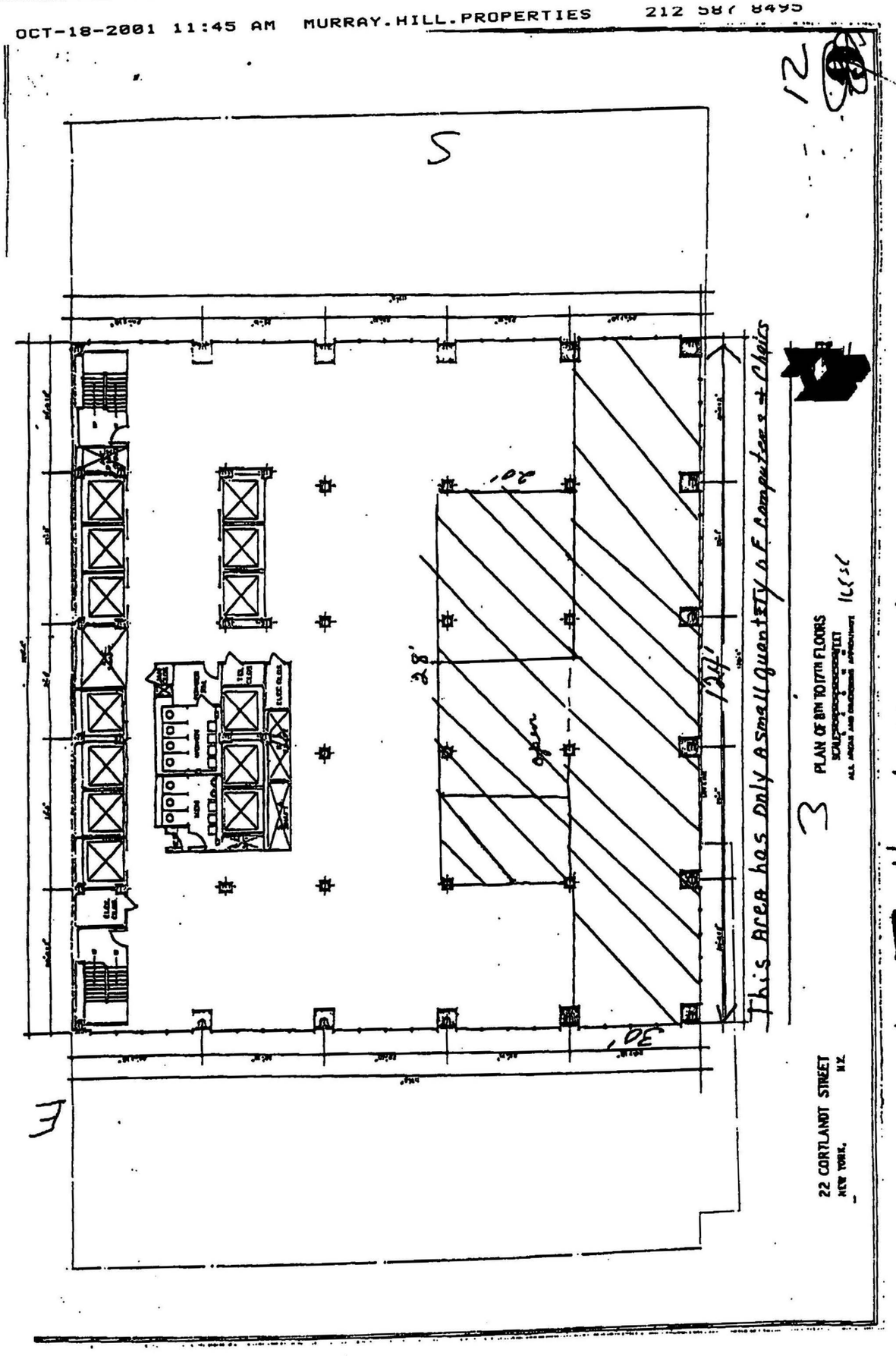


NYC 9/11 Public Portal Document



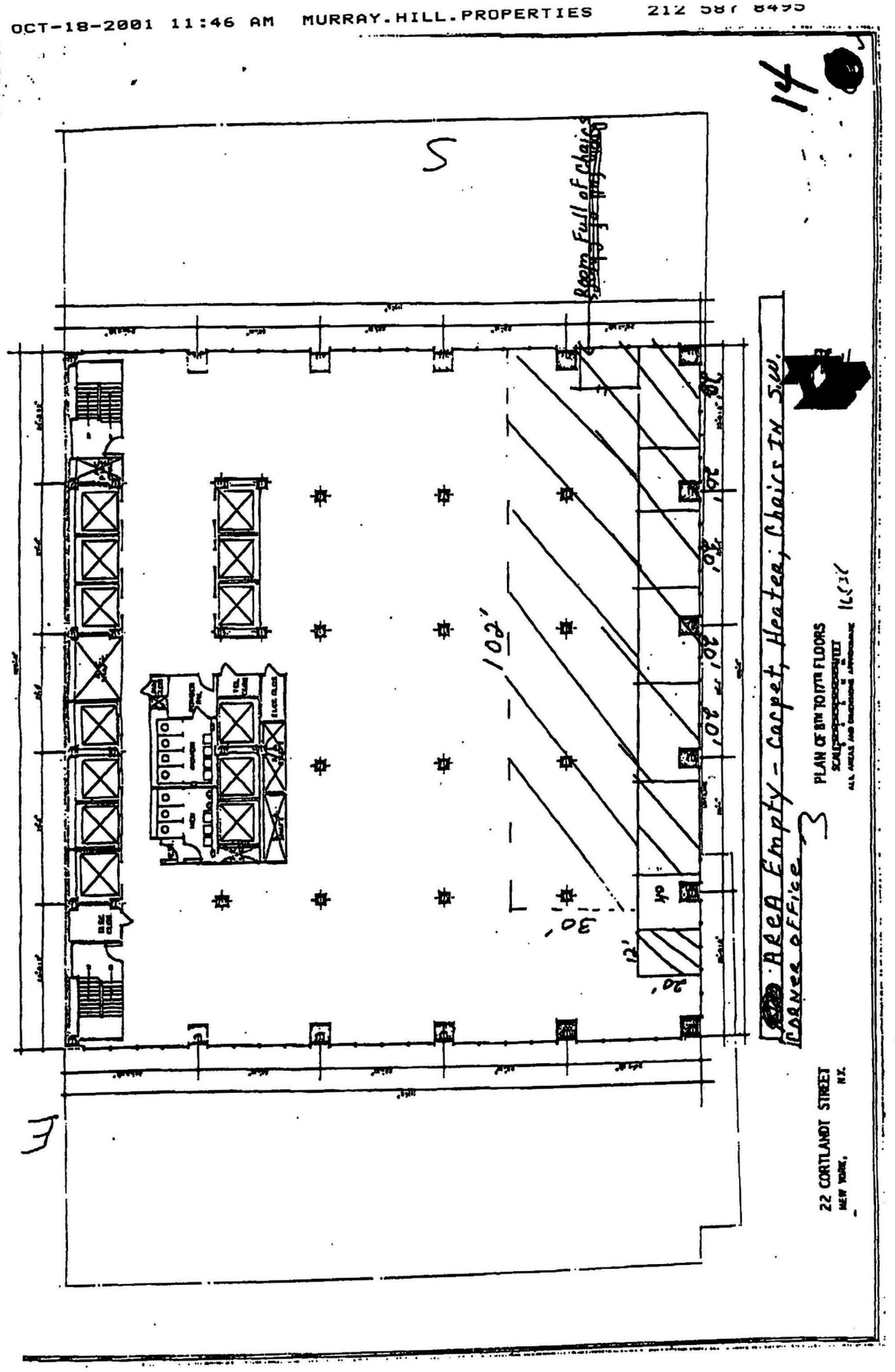
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NYC 9/11 Public Portal Document



NYC 9/11 Public Portal Document

OCT-18-2001 11:46 AM MURRAY.HILL.PROPERTIES 212 587 8495

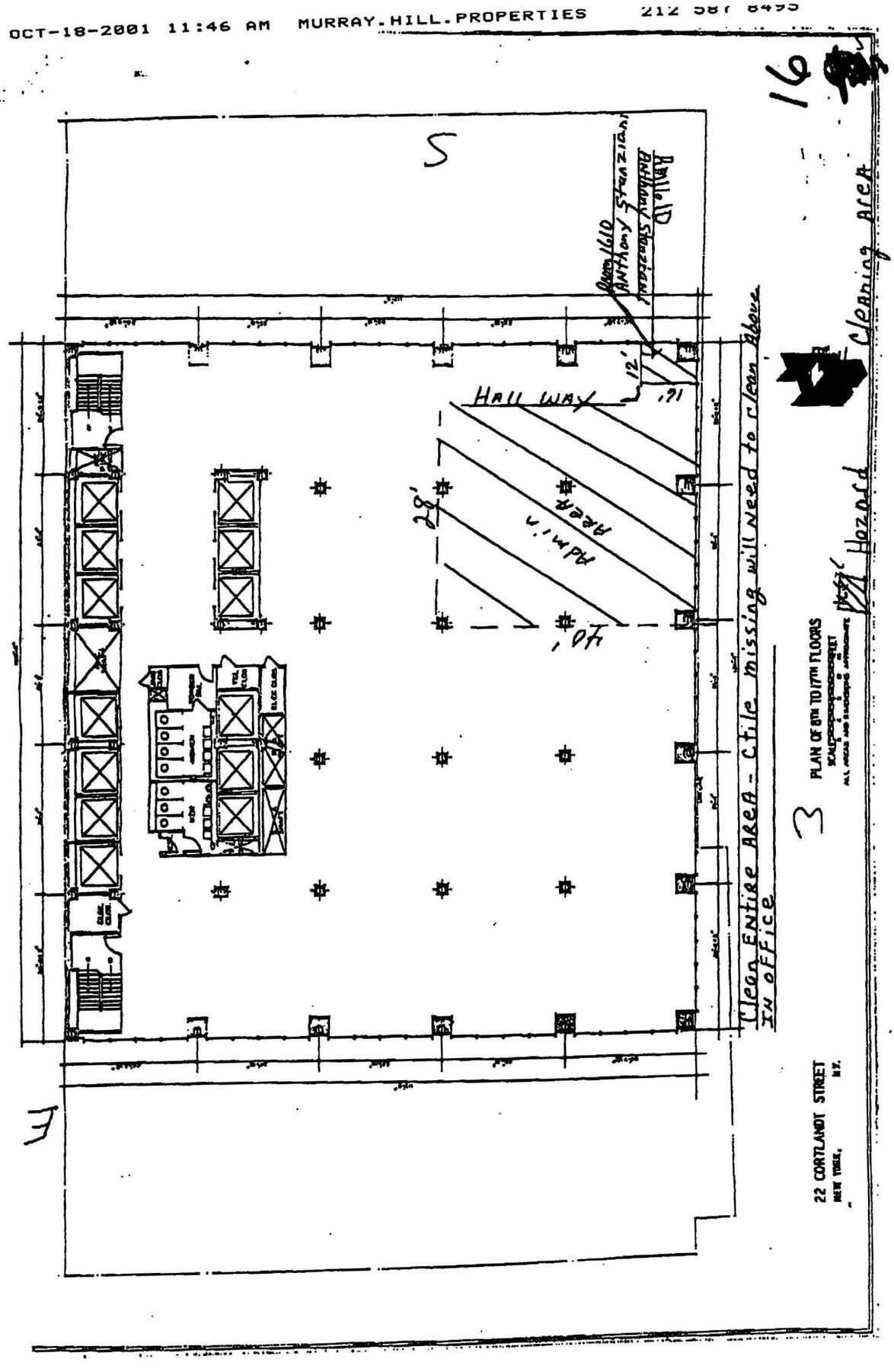


= Hazard Cleaning Area.

NYC-WTC_000146349

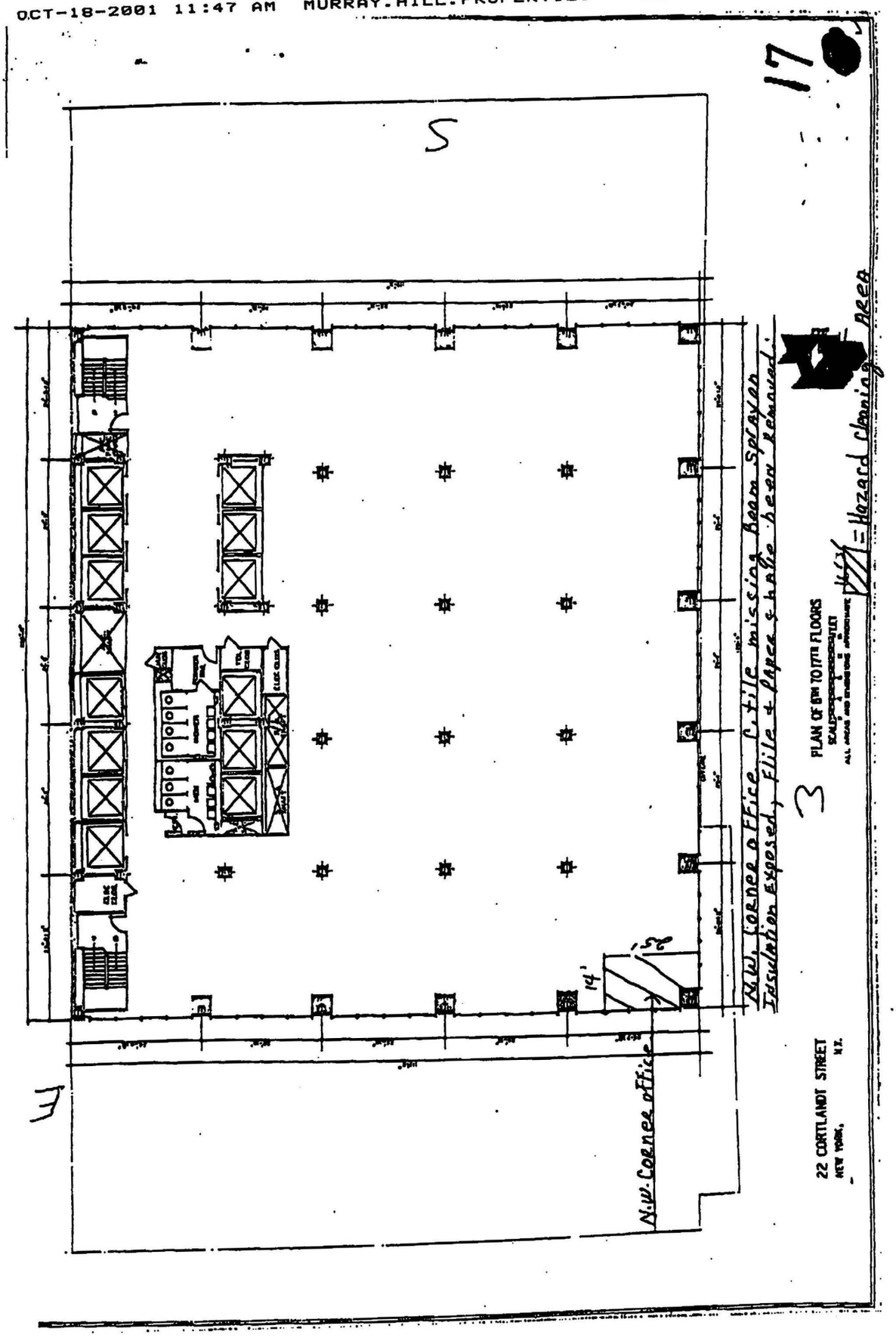
NYC 9/11 Public Portal Document

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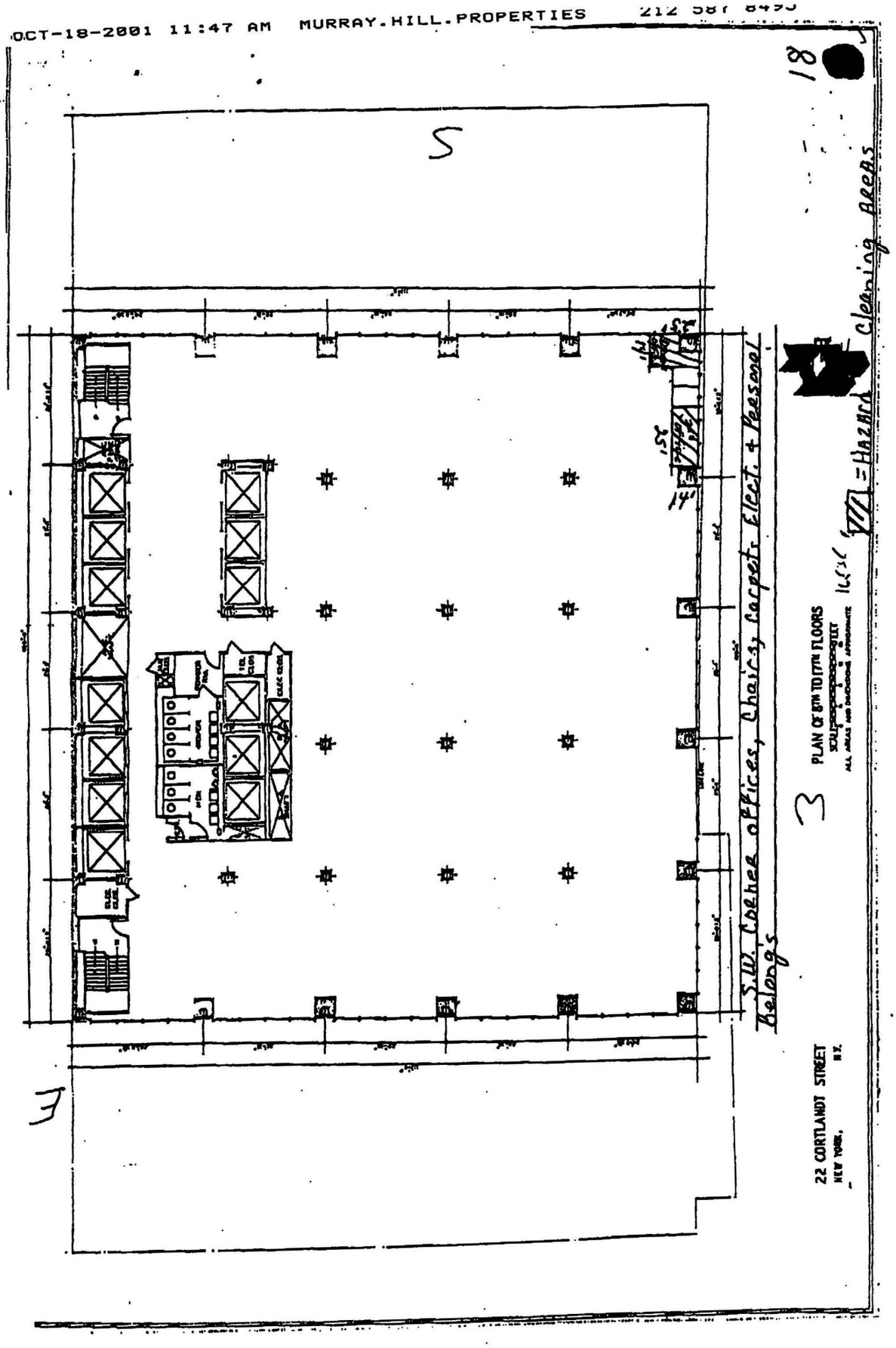


NYC WTC 000146350

NYC 9/11 Public Portal Document



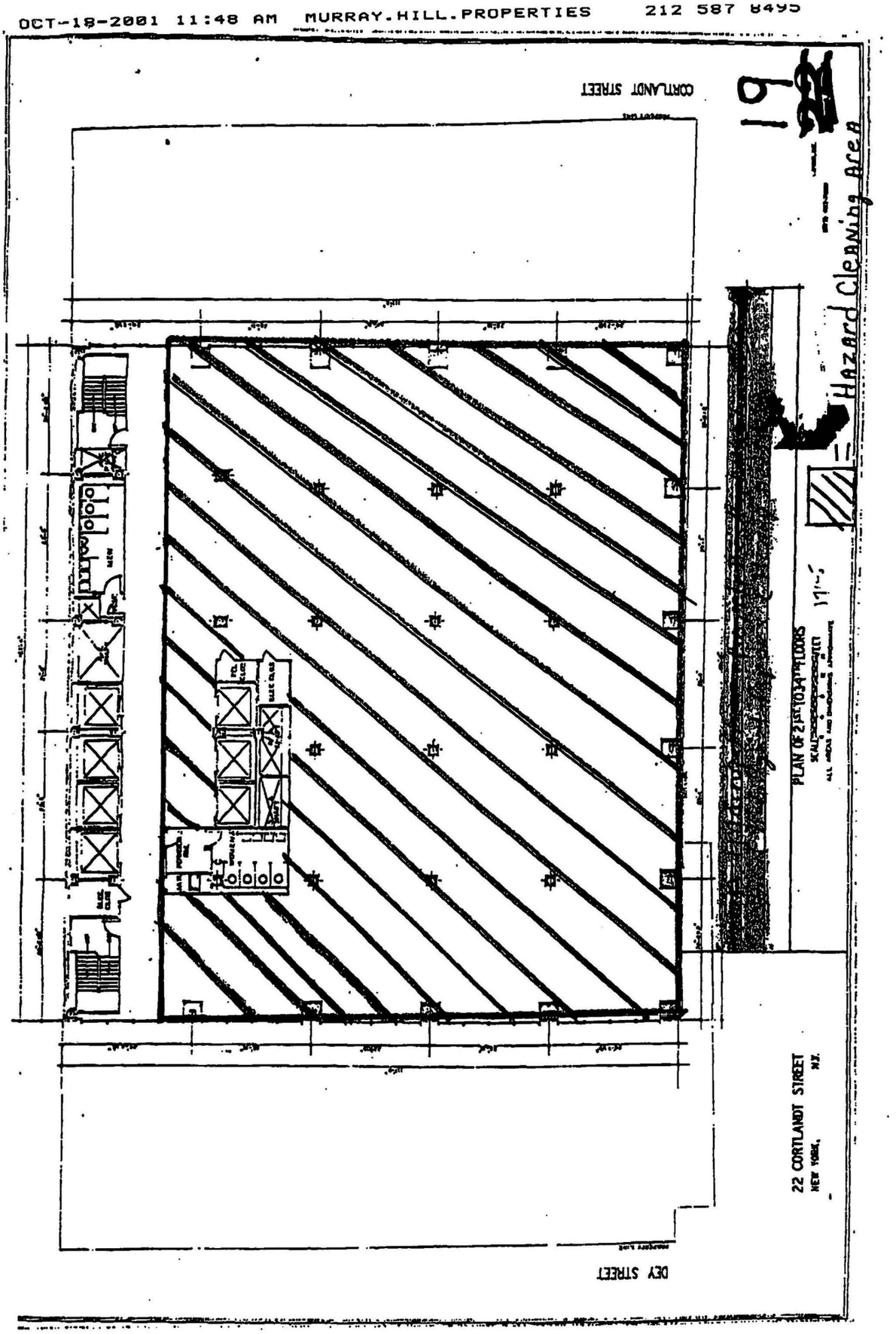
NYC 9/11 Public Portal Document



12

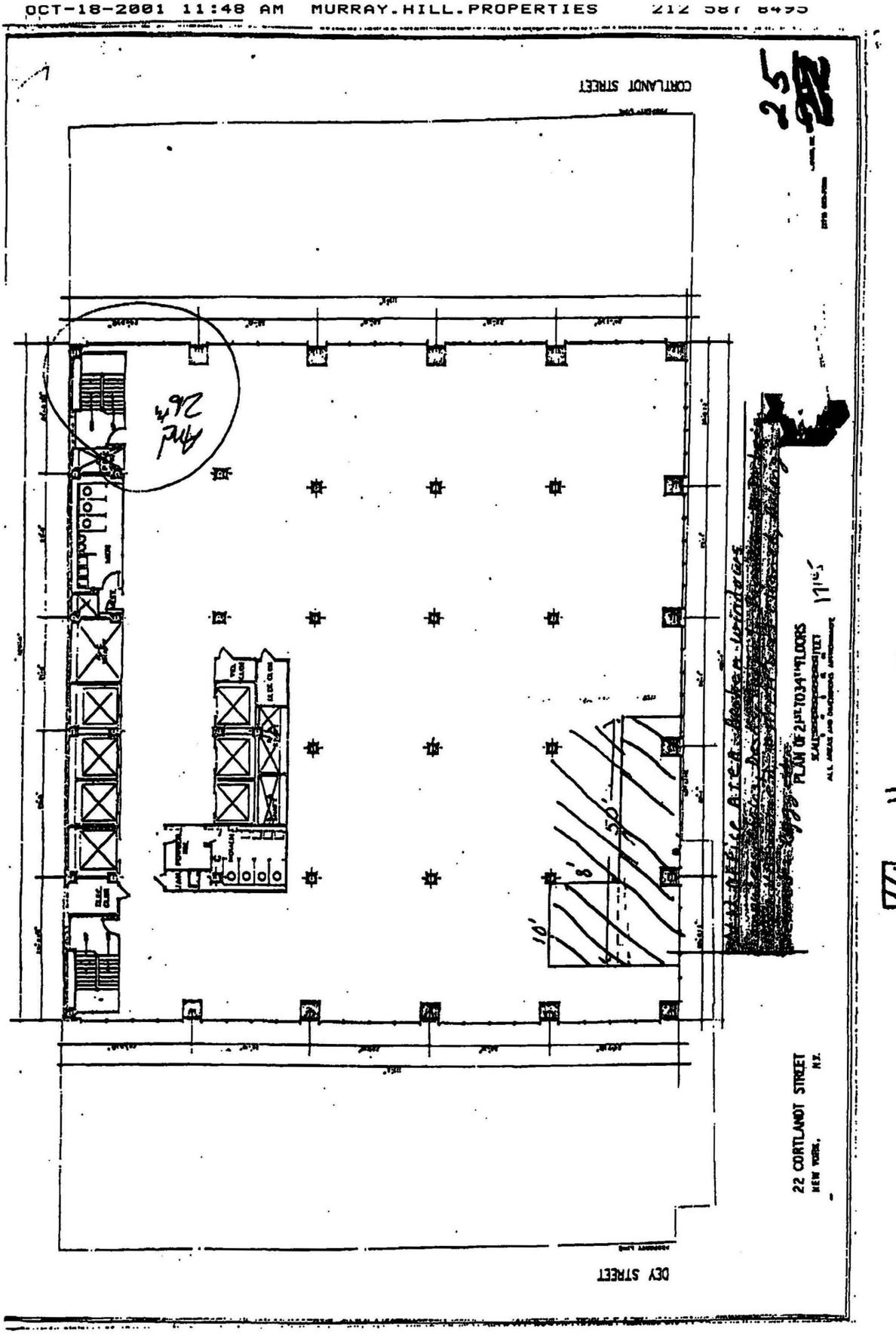
NYC-WTC_000146352

NYC 9/11 Public Portal Document



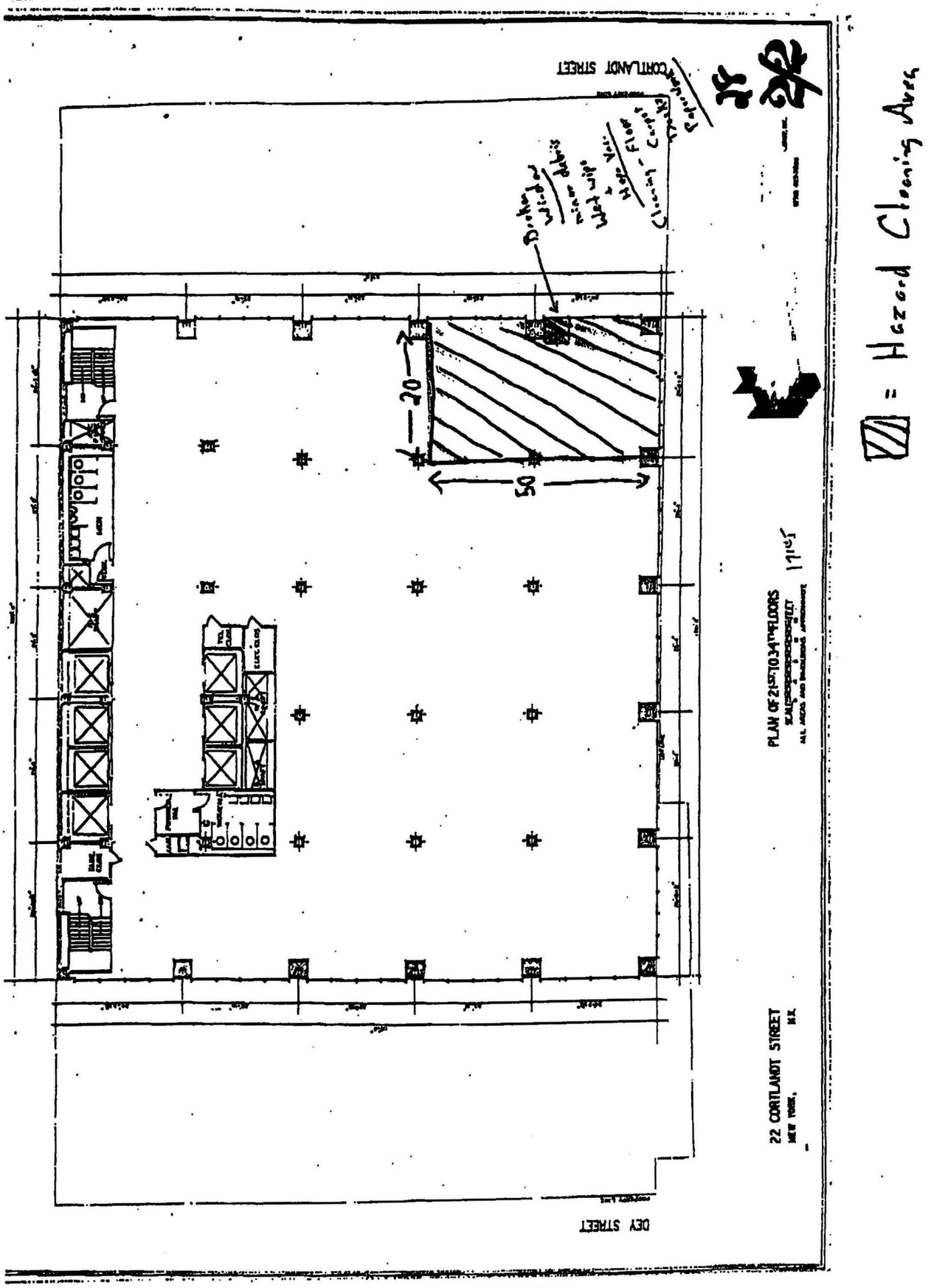
NYC-WTC_000146353

NYC 9/11 Public Portal Document



NYC 9/11 Public Portal Document

OCT-18-2001 11:48 AM MURRAY.HILL.PROPERTIES 212 581 8495

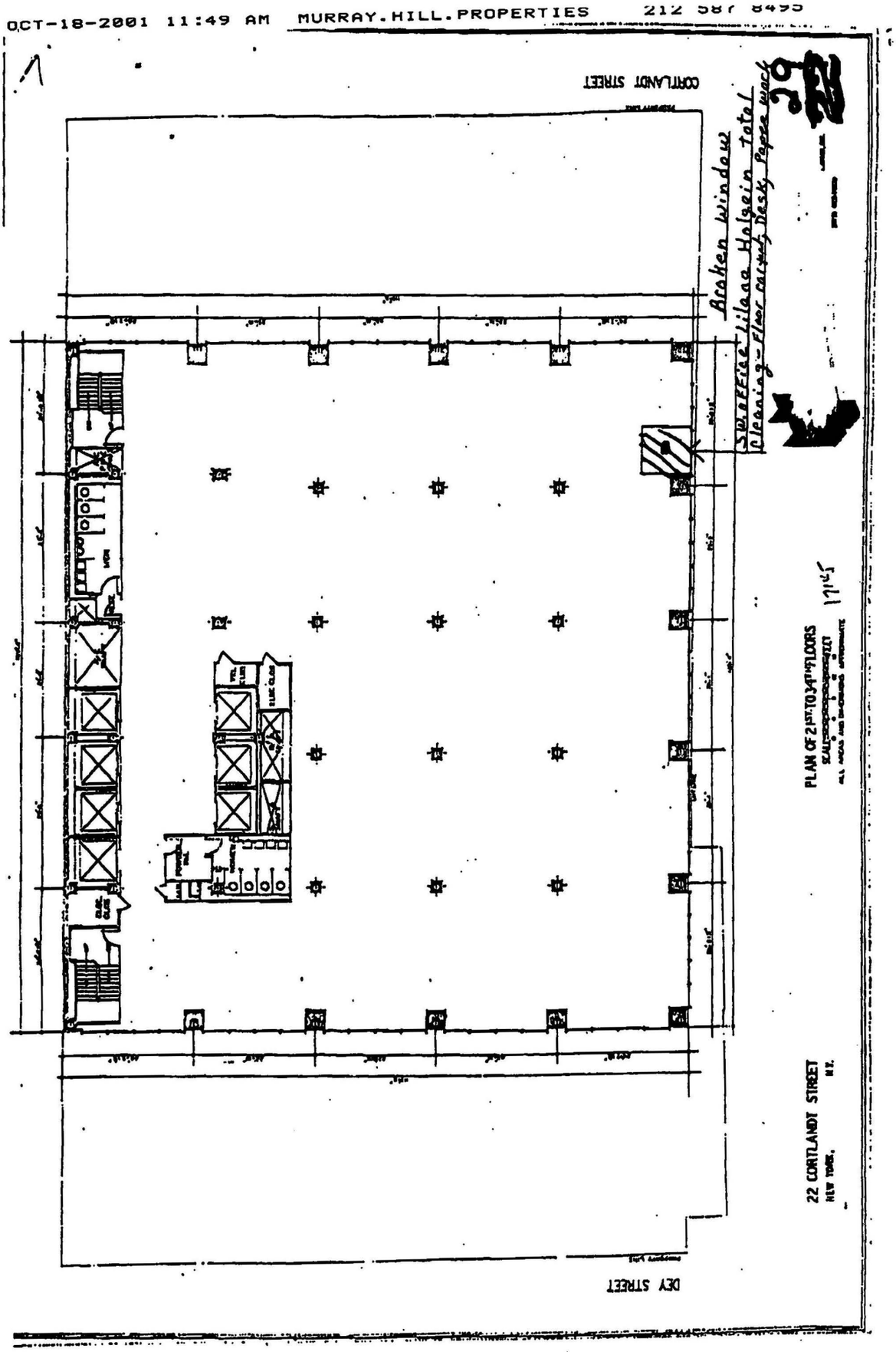


= Hazard Cleaning Area

NYC-WTC_000146355

NYC 9/11 Public Portal Document

OCT-18-2001 11:49 AM MURRAY.HILL.PROPERTIES 212 587 8495

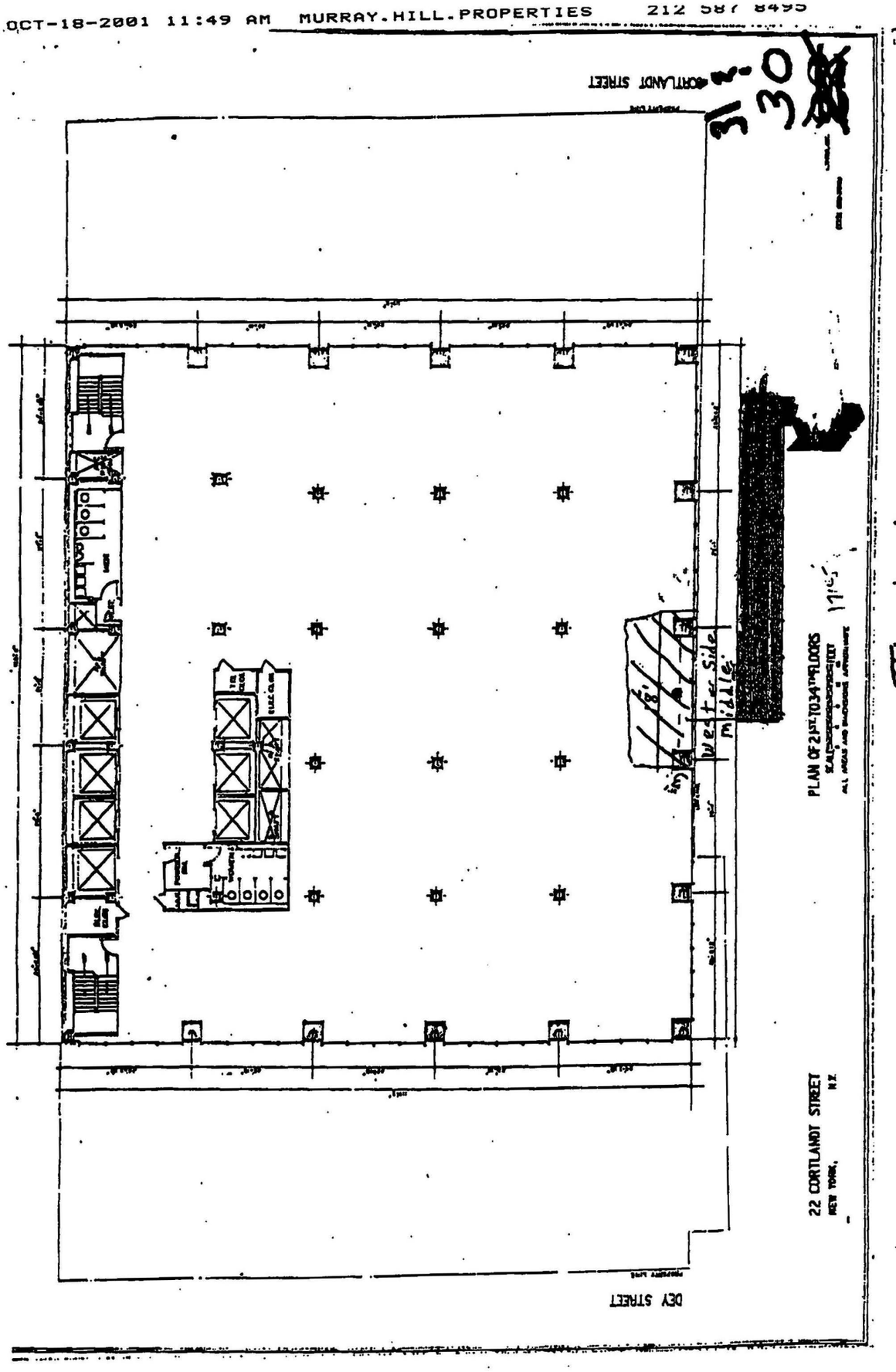


Arabian window
Stearate Lilac Halgein Total
Cleaning - Floor carpet, Desk, Paper work

= Hazard Cleaning Area

NYC-WTC 000146356

NYC 9/11 Public Portal Document



NYC 9/11 Public Portal Document

[redacted]

NYS ASBESTOS LIC. # AC-95-1037
CT ASBESTOS LIC. # 000172
CONTRACTOR LIC. # 7531-HI

BRANCH SERVICES

A Division of 192 Branch Interior Services, Inc.
101-2 Colin Drive • Holbrook, New York 11741

RECEIVED
DEC 14 2001
DEP/BRANHM
ASBESTOS/LEAD
PROGRAM
UNIT

Scope of work:

All areas denoted on Hillman Environmental drawings showed asbestos containing dust and debris above one percent by weight. All other areas showed trace amounts or none detected. A large remote showering unit will be set up on the 10th floor as it is easily accessible from all floors via the stairwell. This area will be precleaned prior to placement of the decontamination unit. All denoted areas will be cleaned as an asbestos abatement project in accordance with all the applicable regulations of N.Y.S. Industrial Code Rule 56 and N.Y.C. Title 15. All other areas of the building with light dust will be cleaned by others using HEPA vacuums and wet wiping methodology. Isolation barriers will be erected as necessary and/or appropriate. Barriers will be constructed of two layers of six-mil polyethylene sheeting. All areas adjacent to the work areas will be unoccupied for the duration of the project. H.E.P.A. filtered air filtration units will be set up in all areas to constantly filter the air and stop the asbestos fibers from entering uncontaminated portions of the space. We will clean all work areas and all contents using H.E.P.A. vacuuming and wet wiping methodology. All asbestos containing debris will be double bagged in 6 mil polyethylene asbestos bags and transported to a D.E.C. approved disposal site. A copy of the landfill waste manifest will be mailed to the owners upon our receipt.

The building has contracted Hillman Environmental as the independent third party consultant laboratory to perform air testing in conformance with New York City and State Law.

All workers will have all necessary and required New York State, New York City and Federal licensing for their respective duties on the asbestos abatement project including but not limited to asbestos supervisor, asbestos handler and asbestos project designer. Please call me with any questions.

Respectfully submitted,

Paul Napolitano
Vice President

NYC-WTC_000146358

NYC 9/11 Public Portal Document

[redacted]

NYS ASBESTOS LIC. # AC-95-1037
CT ASBESTOS LIC. # 000172
CONTRACTOR LIC. # 7531-HI

BRANCH SERVICES

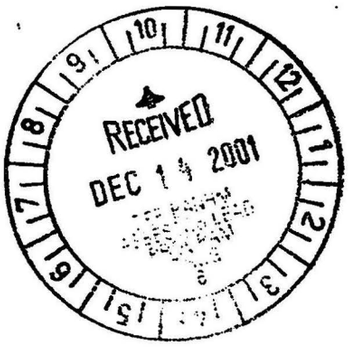
A Division of 192 Branch Interior Services, Inc.
101-2 Colin Drive • Holbrook, New York 11741

October 17, 2001

To: N.Y.C.D.E.P. Asbestos Control Program

From: Branch Services (Asbestos Contractor) 631 563 7300, 101-2 Colin Drive, Holbrook, NY

Re: Clean up of asbestos containing dust and debris



Site: 22 Cortlandt Street, Manhattan

Locations:

5th Floor 3,750 sq. ft.
6th Floor 1,000 sq. ft.
8th Floor 15,000 sq. ft.
9th Floor 15,000 sq. ft.
10th Floor 15,000 sq. ft.
11th Floor 6,000 sq. ft.
12th Floor 6,500 sq. ft.
14th Floor 6,500 sq. ft.
16th Floor 2,500 sq. ft.
17th Floor 625 sq. ft.
18th Floor 625 sq. ft.
19th Floor 15,000 sq. ft.
25th Floor 1,875 sq. ft.
28th Floor 1,250 sq. ft.
29th Floor 625 sq. ft.
30th Floor 625 sq. ft.
31st Floor 625 sq. ft.

Total Square footage: 92,500

Surface types: Ceilings, floors, walls and all contents.

Starting Date: October 18, 2001

NYC-WTC_000146359

NYC 9/11 Public Portal Document

Branch
SERVICES, INC.
Where A Cleaner Environment Begins - Since 1975

October 19, 2001

Ms. Lisa Reyna
NYC Department of Environmental Protection
Asbestos and Lead Control Program
59-17 Junction Boulevard – 8th Floor
Corona, NY 11368



Re: Emergency ACP 7 # E150-01
Site: 22 Cortlandt Street
New York, NY

Dear Ms. Reyna,

Enclosed please find our ACP 7 application for the emergency notification of the above referenced site. A scope of work has been included. If there are any problems pleased contact me at the number below. Thank you for your help.

Sincerely,

Jennifer Brennan

Damage Restoration, Environmental Consulting & Remediation
101-2 Colin Drive • Holbrook, NY 11741

NYC-WTC_000146360

NYC 9/11 Public Portal Document

Branch SERVICES, INC.
Where A Cleaner Environment Begins · Since 1975

October 15, 2001

To: N.Y.C.D.E.P. Asbestos Control Program

From: Branch Services (Asbestos Contractor) 631 563 7300, 101-2 Colin Drive, Holbrook, NY

Re: Clean up of dust and asbestos containing dust and debris at 69 Murray Street, Manhattan

Locations: Lobby, third floor apartment south windowsill, the upper and lower penthouse roofs and the elevator. Does not include any exterior structures.



Surface types: All, including contents.

Starting Date: October 17, 2001 9:00 am.

Scope of work:

The Lobby areas and roofs showed levels of asbestos above one percent by weight. All other areas showed trace amounts, less than one percent, with the exception of the inner south 3rd floor windowsill. All floors are approximately 1800 square feet, with the exception of ~~the 8th floor (1600 square feet)~~ and the Penthouse (2500 square feet).

A remote showering unit will be set up on the lobby level near the elevator. This area will be precleaned. All areas will be cleaned as an asbestos abatement project in accordance with all the applicable regulations of N.Y.S. Industrial Code Rule 56 and N.Y.C. Title 15 with the exception of the apartments, basement and first floor store because samples taken showed less than one percent asbestos or contain only light dust. However, all of these areas will be cleaned using HEPA vacuums and wet wiping methodology. The windowsill area of the third floor apartment that contains less than 10 square feet of asbestos dust & debris will be cordoned off and treated as a minor asbestos project.

Isolation barriers will be erected as necessary and/or appropriate. H.E.P.A. filtered air filtration units will be set up in all areas to constantly filter the air and stop the asbestos fibers from entering uncontaminated portions of the space. We clean all work areas and all contents using H.E.P.A. vacuuming and wet wiping methodology. All asbestos containing debris will be double bagged in 6 mil polyethylene asbestos bags and transported to a D.E.C. approved disposal site. A copy of the landfill waste manifest will be mailed to the owners upon our receipt.

NYC-WTC_000146361

NYC 9/11 Public Portal Document

The building owner will contract with an independent third party consultant laboratory to perform air testing in conformance with New York City and State Law.

All workers will have all necessary and required New York State, New York City and Federal licensing for their respective duties on the asbestos abatement project including but not limited to asbestos supervisor, asbestos handler and asbestos project designer. Please call me with any questions.

Respectfully submitted,

Paul Napolitano
Vice President

Branch
SERVICES, INC.
101-2 Colin Drive • Holbrook, NY 11741
[redacted]

NYC-WTC_000146362

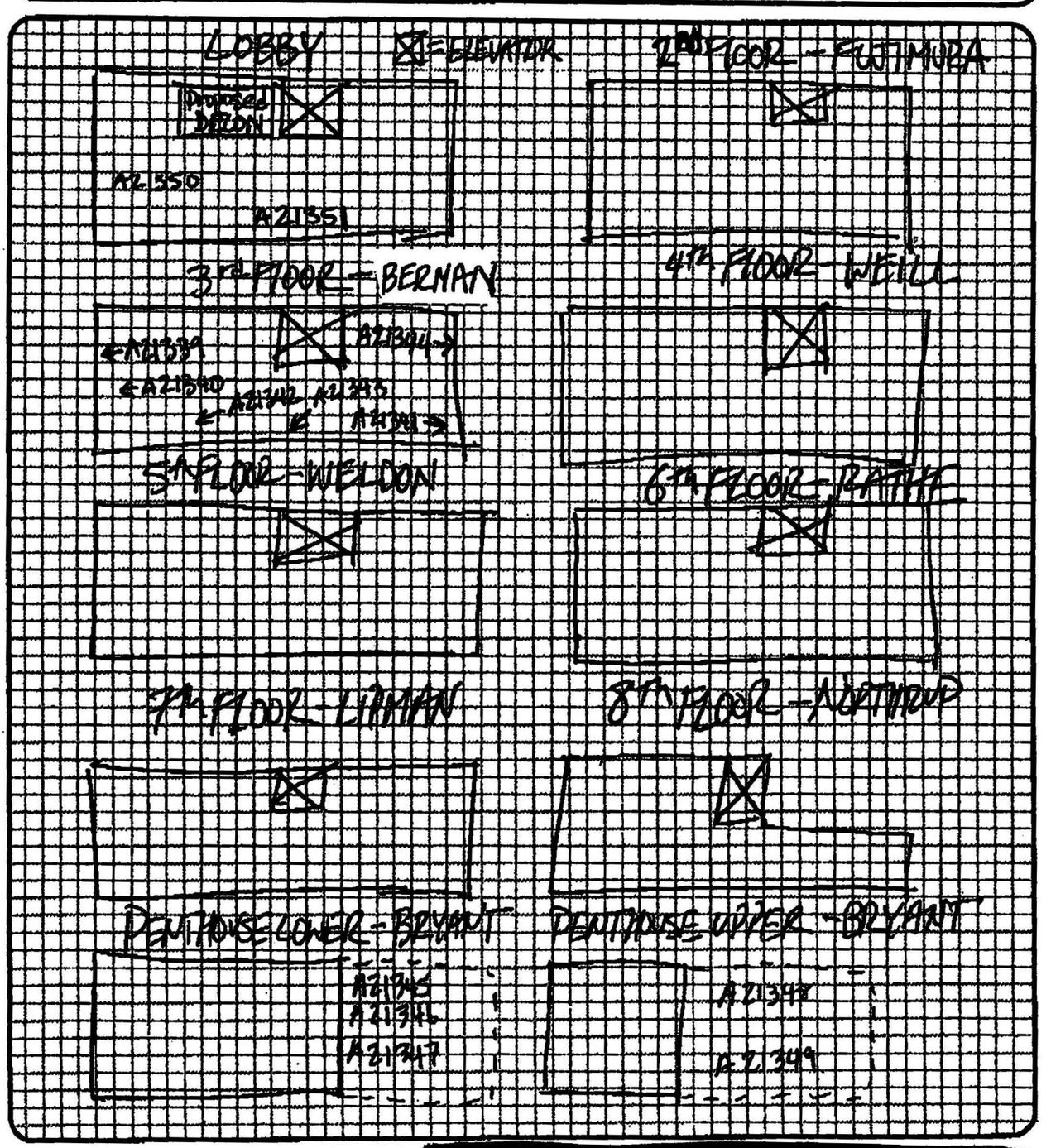
NYC 9/11 Public Portal Document

Branch SERVICES, INC.
Where A Cleaner Environment Begins

Date _____ Sheet _____ of _____

Project 69 MURRAY ST., MANHATTAN

Job No. _____ By _____



101-2 Colin Drive, Holbrook, NY 11741 •

NYC-WTC_000146363

NYC 9/11 Public Portal Document

Suspect Asbestos Containing Bulk/Dust Material Sampling
3rd Floor Apartment of [redacted]
69 Murray Street
New York, New York
October 5, 2001
JCB#: 01-2250
October 9, 2001

SAMPLE ID #	SAMPLE DESCRIPTION	ANALYSIS	% ASBESTOS
A 21339	3rd Floor: Window Sill Bulk	PLM	2.0 Chrysotile
A 21340	3rd Floor: AC Unit Debris	PLM	Trace Chrysotile
A 21341	3rd Floor: Child's Room Book Case Surface	PLM	Trace Chrysotile
A 21342	3rd Floor: Living Room Desk Surface	PLM	None Detected
A 21343	3rd Floor: Kitchen Floor Surface	PLM	Trace Chrysotile
A 21344	3rd Floor: Bedroom Window Sill	PLM	Trace Chrysotile

None Detected = No Asbestos Detected
Trace: Less than 1% Asbestos Detected

If there are any questions or if more information is needed please feel free to call.

Sincerely,

Brendan G. Broderick
J.C. BRODERICK & ASSOCIATES, INC.

Attch.
01-2250/tr-trl

NYC-WTC_000146364

NYC 9/11 Public Portal Document

Suspect Asbestos Containing Bulk/Dust Material Sampling
69 Murray Street "Common Areas"
New York, New York
October 5, 2001
JCB#: 01-2230
October 9, 2001

SAMPLE ID #	SAMPLE DESCRIPTION	ANALYSIS	% ASBESTOS
A 21345	Roof Top Debris Area 1	PLM	1.5 Chrysotile
A 21346	Roof Top Debris Area 2	PLM	2.1 Chrysotile
A 21347	Roof Top Debris Area 3	PLM	2.0 Chrysotile
A 21348	Roof Top Debris Area 4	PLM	1.5 Chrysotile
A 21349	Roof Top Debris Area 5	PLM	Trace Chrysotile
A 21350	Lobby Dust Pile	PLM	2.0 Chrysotile
A 21351	Lobby Bulk Debris Pile	PLM	2.6 Chrysotile

None Detected = No Asbestos Detected
Trace: Less than 1% Asbestos Detected

If there are any questions or if more information is needed please feel free to call.

Sincerely,

Brendan G. Broderick
J.C. BRODERICK & ASSOCIATES, INC.

Attch.
01-2230/ltr-fri

NYC-WTC_000146365

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

ASBESTOS INSPECTION REPORT

FOR OFFICE PURPOSE ONLY

TRU 1312MN01 (Building Dept. or TRU No.)

1. $400.00 (SEE ITEM 27)

VAR

ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED

PAID NYC DEP OCT 29 2001

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

EMERGENCY E# 154/01

I. FACILITY Barclay Street

2. ADDRESS Greenwich - Washington St. BORO Manhattan ZIP CODE 10017-0000

AKA Barclay Street w/o Greenwich 3. BLOCK N/A 4. LOT # N/A

5. *TYPE OF FACILITY Excavation

NAME OF BUILDING Barclay Street w/o Greenwich

6. APPROXIMATE AGE OF BUILDING 71 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK EMERGENCY FILING- E154-01
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Con Edison of N.Y. 9. CONTACT PERSON FOR THIS PROJECT William Fitton

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Consolidated Edison Company of New York, Inc. 14. CONTACT PERSON FOR THIS PROJECT Richard Yako

15. FEDERAL EMPLOYER IDENTIFICATION # [redacted]

16. TEL. # [redacted] FAX # [redacted]

17. ADDRESS 4 Irving Place, Room 828 CITY New York STATE NY ZIP 10003-3586

V. THIRD PARTY AIR MONITOR

18. NAME ATC Associates Inc. 19. TEL. # [redacted]

20. ADDRESS 104 East 25th Street CITY New York STATE NY ZIP 10010-2917

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME ATC Associates, Inc. 22. NYS DOH ELAP # 10879

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Steam Operations Pipe
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 10/29/2001 PROJECTED COMPLETION DATE 11/01/2001

ASBESTOS WORK SCHEDULE ✓ DAY (8am-3pm) ✓ EVENING (3pm-12am) ✓ NIGHT (12am-8am) ✓ WEEKENDS ✓ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT/ALTERATION/DEMOLITION (ESTIMATED)

0 SQUARE FEET, AND/OR 100 LINEAR FEET ON PIPE

26. ASBESTOS HAULER

COMPANY NAME Asbestos Transportation Company. Inc NYS DEC PERMIT# 1A-371 TEL.# [redacted]

DISPOSAL SITE(S) Southern Alleghenies Disposal Se 843 Miller Picking Road Davidsville PA

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING: — FILING FEE IS

1000 Linear Feet or more or 1000 Square Feet or more of friable ACM..... $1200

At least 260 Linear Feet and less than 1000 Linear Feet or
At least 160 Square Feet and less than 1000 Square Feet of friable ACM..... $800

At least 100 Linear Feet and less than 260 Linear Feet or
At least 50 Square Feet and less than 160 Square Feet of friable ACM..... $400

More than 25 Linear Feet and less than 100 Linear Feet or
More than 10 Square Feet and less than 50 Square Feet of friable ACM..... $200

RECEIVED
Oct 29 2001 16:53
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.
If no Dept. of Buildings permit is required complete this report and submit to:

B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection.

*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.
ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling
Do not detach any sheets. Insert carbon paper between the 4 pages and complete this side, fold this sheet and the tab over the perforation so that all original entries are made on the white page. Reverse the carbon paper appropriately.

FORM ACP 7
2/94
1-02281

ACP FILE COPY

NYC-WTC_000146366

NYC 9/11 Public Portal Document

EMERGENCY 156/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

ASBESTOS INSPECTION REPORT

FOR OFFICE PURPOSE ONLY

TRU 1331MN01 (Building Dept. or TRU No.)

1. $1,200.00 (SEE ITEM 27)

VAR

PAID

DEP — ASB

ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED

NOV 05 2001

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

I. FACILITY

2. ADDRESS Rector Street BORO Manhattan ZIP CODE 10006-0000

AKA Rector Street WTC Restoration 3. BLOCK N/A 4. LOT # N/A

5. *TYPE OF FACILITY Excavation

NAME OF BUILDING Rector Street between West St & Broadway

6. APPROXIMATE AGE OF BUILDING 71 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK Emerg Filing E156-01 WTC - Pipe Abat Start 11/02

(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Con Ed 9. CONTACT PERSON FOR THIS PROJECT Greg Rucco

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Felix Equities, Inc. 14. CONTACT PERSON FOR THIS PROJECT Bill Carlock

15. FEDERAL EMPLOYER IDENTIFICATION # [redacted]

16. TEL. # [redacted] FAX # [redacted]

17. ADDRESS P.O. Box 650, Route 202 CITY Lincolndale STATE NY ZIP 10540-0650

V. THIRD PARTY AIR MONITOR

18. NAME ATC Associates Inc. 19. TEL. # [redacted]

20. ADDRESS 104 East 25th Street CITY New York STATE NY ZIP 10010-2917

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME ATC Associates, Inc. 22. NYS DOH ELAP # 10879

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Pipe Insulation

(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 11/02/2001 PROJECTED COMPLETION DATE 01/04/2002

ASBESTOS WORK SCHEDULE ✓ DAY (8am-5pm) ✓ EVENING (5pm-12am) ✓ NIGHT (12am-8am) ✓ WEEKENDS ✓ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT/ALTERATION/DEMOLITION (ESTIMATED)

0 SQUARE FEET, AND/OR 1145 LINEAR FEET ON PIPE

26. ASBESTOS HAULER Horwith Trucking

COMPANY NAME Asbestos Transportation Company. Inc NYS DEC PERMIT# PA-263 1A-371 TEL.# [redacted]

DISPOSAL SITE(S)

Meadowfill Landfill	Route 2	Bridgeport	WV
Chemical Waste Management	1550 Baldmer Road	Model City	NY

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
1000 Linear Feet or more or 1000 Square Feet or more of friable ACM	$1200
At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

RECEIVED
Nov 05 2001 10:23
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.

If no Dept. of Buildings permit is required complete this report and submit to:

B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection.

*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.

ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling

Do not detach any sheets. Insert carbon paper between the 4 pages and complete this side, fold this sheet and the tab over the perforation so that all original entries are made on the white page. Reverse the carbon paper appropriately.

FORM ACP 7
2/94
1-02282

ACP FILE COPY

NYC-WTC_000146367

NYC 9/11 Public Portal Document

EMERGENCY EBIS 1101

P A
NYC — DEP — ASB
NOV 05 2001
ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED
CK #

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT

FOR OFFICE PURPOSE ONLY

TRU 1335MN01
Building Dept. or TRU No.

1. $400.00
(SEE ITEM 27)

VAR

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

I. FACILITY Vesey St bet West St & West Broadway

2. ADDRESS _____ BORO Manhattan ZIP CODE 00000-0000

AKA Vesey St bet West St & West Broadway 3. BLOCK n/a 4. LOT # n/a

5. *TYPE OF FACILITY Excavation

NAME OF BUILDING Vesey St bet West St & West Broadway

6. APPROXIMATE AGE OF BUILDING 31 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK Emergency ACM/CTW removal to remove feeder pipes
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Consolidated Edison 9. CONTACT PERSON FOR THIS PROJECT Richard Slote

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME _____ TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Consolidated Edison Company of New York, Inc. 14. CONTACT PERSON FOR THIS PROJECT Richard Slote

15. FEDERAL EMPLOYER IDENTIFICATION # [redacted]

16. TEL. # [redacted] FAX # [redacted]

17. ADDRESS 4 Irving Place, Room 828 CITY New York STATE NY ZIP 10003-3586

V. THIRD PARTY AIR MONITOR

18. NAME Testwell Laboratories, Inc. 19. TEL. # [redacted]

20. ADDRESS 47 Hudson Street CITY Ossining STATE NY ZIP 10562-0000

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME Testwell Laboratories, Inc. 22. NYS DOH ELAP # 11142

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Electrical Feeder Pipe
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 11/03/2001 PROJECTED COMPLETION DATE 11/05/2001

ASBESTOS WORK SCHEDULE ✓ DAY (8am-5pm) ✓ EVENING (5pm-12am) ✓ NIGHT (12am-8am) ✓ WEEKENDS ✓ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT/ALTERATION/DEMOLITION (ESTIMATED)

0 SQUARE FEET, AND/OR 100 LINEAR FEET ON PIPE

26. ASBESTOS HAULER

COMPANY NAME Horwith Trucking NYS DEC PERMIT# PA-263 TEL.# [redacted]

DISPOSAL SITE(S) Chemical Waste Management 1550 Baldmer Road Model City NY

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
1000 Linear Feet or more or 1000 Square Feet or more of friable ACM	$1200
At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

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Nov 05 2001 16:01
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.

If no Dept. of Buildings permit is required complete this report and submit to:

B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection.

*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.
ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling
Do not detach any sheets. Insert carbon paper between the 4 pages and complete this side, fold this sheet and the tab over the perforation so that all original entries are made on the white page. Reverse the carbon paper appropriately.

FORM ACP 7
2/94
1-02285

ACP FILE COPY

NYC-WTC_000146368

[redacted]

EMERGENCY E/C 159/01

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

DEP — www.nyc.gov/dep

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1418 MJ01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1,200.00 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 100 Church Street Borough Manhattan Zip 10007

AKA 3. Block 125 4. Lot 20

5. Type of Facility 6. Name of Building

II. BUILDING OWNER

7. Name 90 Church, LLC. Zar Realty 8. Contact Person Nalini Shah

9. Tel. # [redacted] Fax # [redacted]

10. Address 384 Fifth Avenue City New York State NY Zip 10018

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name 192 Branch Interior Services, Inc. 13. Contact Person Chris Saliani

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax [redacted]

16. Address 101-2 Colin Drive City Holbrook State NY Zip 11741

V. THIRD PARTY AIR MONITOR

17. Name Ambient Air 18. Contact Person Peter Shork

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 55 West 39th Street City New York State NY Zip

22. Sample Analysis Laboratory Ambient Air 23. NYS DOH ELAP # 10865

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/14/01 Projected completion date 12/07/01

Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☐ Friday ☒ Saturday ☐ Sunday

Shift from: 8:00 ☒ am ☐ pm to 8:00 ☐ am ☒ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
NOV 30 2001
DEP/BANHM
ASBESTOS, LE...
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

79,500 Square Feet, and/or 0 Linear Feet

NYC 9/11 Public Portal Document

[redacted]

Emer # 378218

PAID DEP NYC — DEP ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED NOV 15 2001 www.nyc.gov/dep Ctl #

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

ER 160/01 EMERGENCY

TRU 137014.01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 800.00 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYCDEP not less than one week in advance of the start of abatement activities .

I. FACILITY

2. Address 123 Washington Street Borough Manhattan Zip 10006

AKA 4 Albany Street 3. Block 53 4. Lot 23

5. Type of Facility Corporate Operating Facility 6. Name of Building

II. BUILDING OWNER

7. Name Bankers Trust Company 8. Contact Person Marino Prodan

9. Tel. # [redacted] Fax # [redacted]

10. Address 14 Wall Street City NY State NY Zip 10005

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name PAL 13. Contact Person Paul Mast

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 43-09 Vernon Blvd City LIC State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name Ambient Labs 18. Contact Person John Leitner

19. Federal Employer ID. [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 55 w 39th Street City NY State NY Zip 10018

22. Sample Analysis Laboratory ambient 23. NYS DOH ELAP # 10865

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/12/01 Projected completion date 12/30/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☐ Sunday

Shift from: 8:00 ☑ am ☐ pm to 12:00 ☑ am ☐ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED NOV 16 2001 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

700 Square Feet, and/or 0 Linear Feet

ACP 7 2/2001

NYC-WTC_000146370

NYC 9/11 Public Portal Document

EMERGENCY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

DEP — NYC — ASB

NOV 30 2001

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 1417 M/N01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1,200.00
(See fee schedule)

E461-01

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 115 West Broadway Borough Manhattan Zip 10012

AKA _____ 3. Block 146 4. Lot 1101

5. Type of Facility _____ 6. Name of Building _____

II. BUILDING OWNER

7. Name Andrews Building Corp. 8. Contact Person Eileen Bosman

9. Tel. # [redacted] Fax # [redacted]

10. Address 666 Broadway 12th Floor City New York State NY Zip 10012

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name 192 Branch Interior Services, Inc. 13. Contact Person Paul Napolitano

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 101-2 Colin Drive City Holbrook, State NY Zip 11741

V. THIRD PARTY AIR MONITOR

17. Name J.C. Broderick & Associates 18. Contact Person Brendan Broderick

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 101-4 Colin Drive City Holbrook State NY Zip 11741

22. Sample Analysis Laboratory Long Island Analytical 23. NYS DOH ELAP # 11693

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/16/01 Projected completion date 11/19/01

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☒ Friday ☒ Saturday ☒ Sunday

Shift from: 8:00 ☒ am ☐ pm to 8:00 ☐ am ☒ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
NOV 30 2001
DEP/BAM
ASBESTOS
PROGRAM
TRUC
6

25. Total amount of asbestos-containing material to be abated during this work

3,000 Square Feet, and/or 0 Linear Feet

NYC 9/11 Public Portal Document

[redacted]

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

Rec 1426440

Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

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NOV 30 2001

1. $200 (See fee schedule)

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EMERGENCY ER-163/01

ACT #

I. FACILITY

2. Address 20 Vesey Street Borough Manhattan Zip 10007

AKA 3. Block 88 4. Lot 5

5. Type of Facility Commercial Office Space 6. Name of Building 20 Vesey Street

II. BUILDING OWNER

7. Name Cedar Management Corp. 8. Contact Person Richard Rubel

9. Tel. # [redacted] Fax # [redacted]

10. Address 20 Vesey Street City New York State NY Zip 10007

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name ACSI 13. Contact Person Art Mallett

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 350 Warren Street City Jersey City State NJ Zip 07302

V. THIRD PARTY AIR MONITOR

17. Name R. A. West Associates, Inc. 18. Contact Person Art Mallett

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 2865 South Eagle Road City Newtown State PA Zip 18940

22. Sample Analysis Laboratory Sci Lab 23. NYS DOH ELAP # 11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/30/01 Projected completion date 12/1/01

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☑ Friday ☑ Saturday ☐ Sunday

Shift from: 4:00 ☐ am ☑ pm to 12:00 ☑ am ☐ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
NOV 30 2001
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
5

25. Total amount of asbestos-containing material to be abated during this work

10 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1391Mn01
Building Dept. or TRU No.
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ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $800 (See fee schedule)

NOV 27 2001

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY ER 164/0

I. FACILITY #

2. Address 125 Barclay Street Borough Manhattan Zip 10007

AKA 3. Block 128 4. Lot 26

5. Type of Facility Office Building 6. Name of Building

II. BUILDING OWNER

7. Name District Council 37 8. Contact Person Ralph Pepe

9. Tel. # [redacted] Fax # [redacted]

10. Address 125 Barclay Street City New York State NY Zip 10007

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Don Adler

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name HA Bader Consultants Inc. 18. Contact Person Howard Bader

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax [redacted]

21. Address 88 Bleecker Street City New York State NY Zip 10012

22. Sample Analysis Laboratory EMSL Analytical 23. NYS DOH ELAP # 11506

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/26/01 Projected completion date 1/31/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7 ☑ am ☐ pm to 5 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED NOV 27 2001 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

370 Square Feet, and/or 0 Linear Feet

ACP 7 2/2001

[redacted]

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1414M-01
Building Dept. or TRU No
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ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

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NOV 29 2001
www.nyc.gov/dep
Ctl #

1. $1200 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYCDEP not less than one week in advance of the start of abatement activities.

EMERGENCY
OR 14/01

I. FACILITY

2. Address 110 Church Street Borough Manhattan Zip 10007

AKA 3. Block 126 4. Lot 2

5. Type of Facility Vacant Commercial Bldg. 6. Name of Building

II. BUILDING OWNER

7. Name Lions Head 110 Development LLC c/o Worldwide Holdings Inc 8. Contact Person Michael Riegler

9. Tel. # [redacted] Fax # [redacted]

10. Address 150 East 58th Street City New York State NY Zip 10155

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Pinnacle Environmental Corp 13. Contact Person Robert Ryan

14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fax # [redacted]

16. Address 64-54 Maurice Avenue City Maspeth State NY Zip 11378

V. THIRD PARTY AIR MONITOR

17. Name Environmental Monitoring & Consulting Assoc 18. Contact Person George Russell

19. Federal Employer ID [redacted] 20. Tel [redacted] Fax # [redacted]

21. Address PO Box 872 City Sommerville State NJ Zip 08876

22. Sample Analysis Laboratory EM&CA 23. NYS DOH ELAP # 11058-01

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/27/01 Projected completion date 1/31/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7.00 ☑ am ☐ pm to 5.30 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

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NOV 29 2001
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ASBESTOS/LEA
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

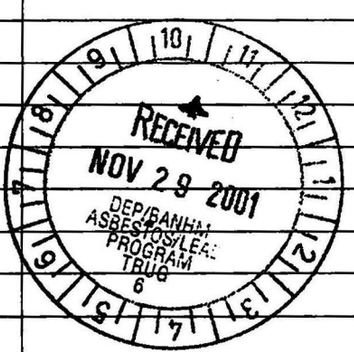
622,702 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

30. **LOCATIONS OF ABATEMENT** (Continuation of previous page) 14/4 Hw 01 page 3 of ____

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
14	Entire	Debris Clean Up	26,458		Environmental Clean Up
13	Entire	Debris Clean Up	26,458		Environmental Clean Up
12	Entire	Debris Clean Up	28,941		Environmental Clean Up
11	Entire	Debris Clean Up	28,941		Environmental Clean Up
10	Entire	Debris Clean Up	28,941		Environmental Clean Up
9	Entire	Debris Clean Up	28,941		Environmental Clean Up
8	Entire	Debris Clean Up	28,941		Environmental Clean Up
7	Entire	Debris Clean Up	28,941		Environmental Clean Up
6	Entire	Debris Clean Up	32,631		Environmental Clean Up
5	Entire	Debris Clean Up	32,631		Environmental Clean Up
4	Entire	Debris Clean Up	32,631		Environmental Clean Up
3	Entire	Debris Clean Up	32,631		Environmental Clean Up
2	Entire	Debris Clean Up	32,631		Environmental Clean Up
1	Entire	Debris Clean Up	32,921		Environmental Clean Up
Cellar	Entire	Debris Clean Up	33,272		Environmental Clean Up
Sub-Cell	Entire	Debris Clean Up	33,272		Environmental Clean Up



NYC 9/11 Public Portal Document

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Ctl #

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

Then 1415M401
Building Dept. or TRO No
FOR OFFICIAL USE ONLY

1. $1200
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY ef 10/7/01

I. FACILITY

2. Address 53 Park Place Borough Manhattan Zip 10007

AKA 3. Block 126 4. Lot 13

5. Type of Facility Commercial Building 6. Name of Building

II. BUILDING OWNER

7. Name Lionshead 110 Development LLC.Worldwide Holdings Inc 8. Contact Person Neill Cohen

9. Tel. # [redacted] Fax # [redacted]

10. Address 150 East 58h Street City New York State NY Zip 10155

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Pinnacle Environmental Corp 13. Contact Person Robert Ryan

14. Federal Employer ID. [redacted] 15. Tel [redacted] Fax # [redacted]

16. Address 64-54 Maurice Avenue City Maspeth State NY Zip 11378

V. THIRD PARTY AIR MONITOR

17. Name Environmental Monitoring & Consulting Assoc 18. Contact Person George Russell

19. Federal Employer ID. [redacted] 20. Tel. [redacted] Fax # [redacted]

21. Address PO Box 872 City Sommerville State NJ Zip 08876

22. Sample Analysis Laboratory EM & CA 23. NYS DOH ELAP # 11058-01

VI. PROJECT INFORMATION

24. Starting date for this portion of work 11/28/01 Projected completion date 1/31/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7.00 ☑ am ☐ pm to 8.30 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
NOV 29 2001
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

118,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146376

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Tri State Transfer/ATC NYS DEC Permit # 1A-375/1A-371 TEL.# [redacted]

Disposal Site(s) Greenridge Landfill, 1 Landfill Rd, Scottsdale, PA / Meadowfill Landfill, Rte 2, Box 68, Bridgeport

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Environmental Clean Up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. **LOCATIONS OF ABATEMENT** TPm 1415 Mu01.

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
PH	Entire	Debris Clean Up	9,200		Environmental Clean Up
11	Entire	Debris Clean Up	9,200		Environmental Clean Up
10	Entire	Debris Clean Up	9,200		Environmental Clean Up
9	Entire	Debris Clean Up	9,200		Environmental Clean Up
8	Entire	Debris Clean Up	9,200		Environmental Clean Up
7	Entire	Debris Clean Up	12,000		Environmental Clean Up
6	Entire	Debris Clean Up	12,000		Environmental Clean Up
5	Entire	Debris Clean Up	12,000		Environmental Clean Up
4	Entire	Debris Clean Up	12,000		Environmental Clean Up
3	Entire	Debris Clean Up	12,000		Environmental Clean Up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

EM & CA	Pinnacle Environmental Corp	Pinnacle Environmental Corp
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
G Russell	Robert B	Robert B
Signature	Signature	Signature
11/28/01	11/28/01	11/28/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Lionshead 110 Development LLC.c/o Worldwide Holdings Inc — Print Name of Owner

Signature

11-28-01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

30. LOCATIONS OF ABATEMENT (Continuation of previous page) page 3 of _____

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
2	Entire	Debris Clean Up	12,000		Environmental Clean Up

NYC 9/11 Public Portal Document

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

Tkw 1455 Hw01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 1,200
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY ER 168

I. FACILITY

2. Address 102-104 Greenwich Street Borough Manhattan Zip 10006

AKA 3. Block 53 4. Lot 37

5. Type of Facility Hardware Store /Restaurant 6. Name of Building n/a

II. BUILDING OWNER

7. Name 102-104 Greenwich St Manhattan, Inc. 8. Contact Person Essa Bateh

9. Tel. # [redacted] Fax # [redacted]

10. Address 255 47th Street City Brooklyn State NY Zip 11220

III. GENERAL CONTRACTOR

11. Name Clean Harbors Tel. [redacted]

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name AEi2, LLC 13. Contact Person Bernard McKenna

14. Federal Employer ID. # [redacted] 15. Tel. [redacted] Fax # [redacted]

16. Address 43 Jefferson Avenue City Berlin State NJ Zip 08009

V. THIRD PARTY AIR MONITOR

17. Name Hillmann Environmental Group, LLC 18. Contact Person Mike Nelson

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 1600 Route 22 East City Union State NJ Zip 07083

22. Sample Analysis Laboratory Hillmann Environmental Group, LLC 23. NYS DOH ELAP # 10926

VI. PROJECT INFORMATION

24. Starting date for this portion of work 12/3/01 Projected completion date 12/24/01

Asbestos work schedule ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☐ Saturday ☐ Sunday

Shift from: 6:00 ☐ am ☒ pm to 2:00 ☒ am ☐ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

26,000 ☒ Square Feet, and/or 0 Linear Feet

RECEIVED
DEC 11 2001
DEP/BANHM
ASBESTOS/LEA
PROGRAM
TRUG
6

ACP 7
2/2001

NYC WTC 000146379

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler DJM Company, Inc. NYS DEC Permit # NJ344 Tel.# [redacted]

Disposal Site(s) Greenridge Reclamation Landfill

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☒ Other (Describe) WTC Attack Directive

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☒ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application ☒ Other - WTC Directive

TRN 1455Hw01.

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Basement	Entire	All	4,320		Dust Cleanup
1st	Entire	All	4,320		Dust Cleanup
2nd	Entire	All	4,320		Dust Cleanup
3rd	Entire	All	4,320		Dust Cleanup
4th	Entire	All	4,320		Dust Cleanup
5th	Entire	All	4,320		Dust Cleanup

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Hillmann Environmental	AEi2, LLC	AEi2, LLC
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
12-03-01	12/3/01	12/03/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Essa Bateh — Print Name of Owner

Signature

12/3/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146380

NYC 9/11 Public Portal Document

[redacted]

PAID
NYC — DEP/ASB
DEC 1 2001
ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED
Cert #

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1476 M NO 1
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $1200 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY
E 12/6/01

I. FACILITY

2. Address 90 Church Street Borough Manhattan Zip 10007
AKA 3. Block 86 4. Lot 1
5. Type of Facility Office 6. Name of Building

II. BUILDING OWNER

7. Name United States Postal Service c/o Boston Properties LP 8. Contact Person Thomas L. Hill
9. Tel. # [redacted] Fax # [redacted]
10. Address 599 Lexington Avenue City New York State NY Zip 10017

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name National Abatement Corp. (NAC) 13. Contact Person Thomas Piotrowski
14. Federal Employer ID. [redacted] 15. Tel. # [redacted] Fax # [redacted]
16. Address 22-09 Queens Plaza North City Long Island City State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name Airtek Environmental Corp. 18. Contact Person Benn Lewis
19. Federal Employer ID [redacted] 20. Tel. [redacted] Fax [redacted]
21. Address 39 West 38th Street, 12th floor City New York State NY Zip 10018
22. Sample Analysis Laboratory Airtek Environmental / ATC Group 23. NYS DOH ELAP # 11040 / 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 12/10/01 Projected completion date 1/10/02

Asbestos work schedule ✔ Monday ✔ Tuesday ✔ Wednesday ✔ Thursday ✔ Friday ✔ Saturday ✔ Sunday

Shift from: 7 ✔ am pm to 5 am ✔ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

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DEP/BAIHP ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

7,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146381

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A-371 TEL.# [redacted]

Disposal Site(s) Southern Alleghenies Disposal Service: Road 3, Box 310, Valleyview Drive, Hollsopple, PA 15935

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) Demolition b) Boiler Replacement c) Sprinkler Replacement d) Renovation/Alteration

e) Fireproofing Replacement f) ✔ Other (Describe) ACM Dust Clean-up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

Removal Enclosure Encapsulation Repair ✔ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

✔ Full Containment Glovebag Tent DEP Variance Application

1476 M201

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
7	Storage	World Trade Center dust	7,000		Clean-up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Airtek Environmental Corp.	National [redacted]	Airtek [redacted] p.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
12/12/01	12-12-01	12/12/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air [redacted] who is [redacted] independent [redacted] in the asbestos p[redacted] clare that I have authorized the filing of this notification for the work specified herein.

Thomas L. Hill, Sr. VP for Boston Properties LP — Print Name of Owner

Signature

12/14/01 — Date

as agent for 90 Church St. LP

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

[redacted] modification of information provided on this form must be reported imm[redacted] to be in writing directly to the NYC DEP ACP. [redacted]

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7

NYC 9/11 Public Portal Document

[redacted]

EMERGENCY #173101

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

NYC DEP ASB
ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED
DEC 11 2001
www.nyc.gov/dep

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU1460MN01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 1,200 -
(See fee schedule)

Ctl #

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities .

I. FACILITY

2. Address 65 Nassau Street Borough Manhattan Zip 10001

AKA N/A 3. Block 65 4. Lot 1

5. Type of Facility Apartments 6. Name of Building N/A

II. BUILDING OWNER

7. Name 65 Nassau Owners Corp. 8. Contact Person Scott Jaffe

9. Tel. # [redacted] Fax # [redacted]

10. Address 65 Nassau Street City NY State NY Zip 11101

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Black Rock Construction Co. 13. Contact Person Tony Brown

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 88-15 168th Street # 6C City Jamaica State NY Zip 11432

V. THIRD PARTY AIR MONITOR

17. Name Central Environmental Inc. 18. Contact Person Alim Yerima

19. Federal Employer ID. # [redacted] 20. Tel. [redacted] Fax # [redacted]

21. Address 91 McClellan Street City Bronx State NY Zip 10452

22. Sample Analysis Laboratory Taylor Environmental 23. NYS DOH ELAP # 11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 12/5/01 Projected completion date 4/5/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 9:00 ☑ am ☐ pm to 5:30 ☐ am ☑ pm

If other specify [redacted]

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
DEC 11 2001
DEP BANKS ASBESTOS LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

~~45,250~~ Square Feet, and/or 0 Linear Feet

49,750 TB

ACP 7
2/2001

NYC-WTC_000146383

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A-371 TEL.: [redacted]

Disposal Site(s) S. Alleghinies landfill, RD3 P.O. Box 310, Hollsopple, PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Emergency Asbestos clean up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

TRU14604N01

☐ Full Containment ☐ Glovebag ☐ Tent ☑ DEP Variance Application

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Bsmt	Entire	all affected surfaces	4,500	0	ACM clean up only
1st	Hallway & APT A,B,C,D	all affected surfaces	4,750	0	ACM clean up only
2nd	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only
3rd	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only
4th	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only
5th	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only
6th	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only
7th	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only
8th	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only
9th	Hallwat & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Central Environmental Inc.	Black Ro[redacted]	Tony [redacted]
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
12/10/01	12/10/01	12/10/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air [redacted] who is [redacted]ely independent of all parties involved in the asbestos [redacted]ject. I hereby declare that I have authorized the [redacted] of this notification for the work s[redacted]

65 Nassau Owners Corp.		12/10/01
Print Name of Owner	Signature	Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

[redacted]

NYC-WTC_000146384

NYC 9/11 Public Portal Document

EMERGENCY
ONLY
TYPEWRITTEN
FORMS WILL BE
ACCEPTED
12/14/01

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

1463 M/N01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $1200
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

NYC — DEP — ASB
Ctl #

I. FACILITY

2. Address 167 Eldridge Street Borough Manhattan Zip 10002
AKA 3. Block 420 4. Lot 68
5. Type of Facility Garage/Warehouse 6. Name of Building

II. BUILDING OWNER

7. Name Schoolyard Eneterprises, LLC. 8. Contact Person Hypp Kourakos
9. Tel. # [redacted] Fax # [redacted]
10. Address 271 Main Street City Eastchester State NY Zip 10709

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Mitch Alvo
14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]
16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name GCI Environmental 18. Contact Person Jim Grond
19. Federal Employer ID [redacted] 20. Tel. # [redacted] Fax [redacted]
21. Address 655 3rd Avenue City New York State NY Zip 10017
22. Sample Analysis Laboratory Scientific Labs 23. NYS DOH ELAP # 11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 12/17/01 Projected completion date 12/19/01

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7 ☑ am ☐ pm to 4 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
DEC 12 2001
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

1,800 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Corp. NYS DEC Permit # 1A-371 Tel. [redacted]

Disposal Site(s) Meadowfill Landfill, Bridgeport, WV

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Removal & disposal of contaminated debris.

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up 1463 4N01

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application **(SEE ATTACHED LETTER)**

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Slab	Entire	Demolition Debris	1,800	0	Debris removal & cleanup

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

GCI Environmental	Safeway Environmental Corp.	Safeway Environmental Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
12-11-01	12/11/01	12/11/01
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air mo[redacted]ndependent [redacted]e asbestos pro[redacted] that I have authorized the filing of this notification for the work specified herein.

School Yard Enterprises, LLC — Print Name of Owner

Signature

12/11/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

A[redacted]tion provided [redacted]eported immed[redacted]o the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146386

NYC 9/11 Public Portal Document

[redacted]

ER 175/01

EMERGENCY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

DEC 18 2001

DEP

CT #

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 1489HN01
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $800
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities .

I. FACILITY

2. Address 200 West Thames Street Borough Manhattan Zip 10006

AKA None 3. Block 16 4. Lot 5547

5. Type of Facility Residential 6. Name of Building None

II. BUILDING OWNER

7. Name Les Jacobowitz c/o Liberty Court Condominium 8. Contact Person Les or Dianna Jacobowitz

9. Tel. # [redacted] Fax # [redacted]

10. Address 200 West Thames Street City New York State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name None Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name PAL Environmental Safety Corp. 13. Contact Person Michael Chain

14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fax [redacted]

16. Address 43-09 Vernon Boulevard City LIC State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates, Inc. 18. Contact Person Ben Sellami

19. Federal Employer ID. [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 104 East 25th Street City New York State NY Zip 10010

22. Sample Analysis Laboratory ATC 23. NYS DOH ELAP # 1879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 12/12/01 Projected completion date 12/12/01

Asbestos work schedule ☐ Monday ☐ Tuesday ☑ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from: 8:00 ☑ am ☐ pm to 5:00 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
DEC 18 2001
ASBESTOS PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

300 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler JBT NYS DEC Permit # IA-375 Tel. [redacted]

Disposal Site(s) Greenridge Reclamation- Scottsdale, PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Emergency Asbestos Clean-up (E-175-01)

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

TRI1489HN01

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
8	Master bed room & bath	floor	300		Emergency asbestos dust clean-up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates, Inc.	PAL Env[redacted]ental Safety Corp.	PAL E[redacted]ental Safety Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
12/17/01 Date	12/17/01 Date	12/17/01 Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air m[redacted] independent [redacted] the asbestos p[redacted] hereby [redacted]e that I have authorized the filing of this notification for the work specified herein.

Dianna Jacobowitz — Print Name of Owner

Signature

12/17/01 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

A[redacted]y modifications to information provided on this form must be reported immedi[redacted]ly in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A-371 TEL [redacted]

Disposal Site(s) S. Alleghinies landfill, RD3 P.O. Box 310, Hollsopple, PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Emergency Asbestos clean up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☑ DEP Variance Application

THU1460HN01

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
10th	Hallway & APT A,B,C	all affected surfaces	4,500	0	ACM clean up only

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Central Environmental Inc.	Black Rock Construction Co.	Tony Brown
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Tony Brown Signature	Tony Brown Signature
12/10/01 Date	12/10/01 Date	12/10/01 Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

65 Nassau Owners Corp. Print Name of Owner — Signature — 12/10/01 Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7 2/2001

NYC-WTC_000146389

NYC 9/11 Public Portal Document

E 1/15/02

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

EMERGENCY

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

www.nyc.gov/dep

Building Dept. or TRU No
FOR OFFICIAL USE ONLY
Taw2046HNJ02

1. EX
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 90 Church Street Borough Manhattan Zip 10007

AKA 90 Church Street Station 3. Block 86 4. Lot 1

5. Type of Facility Postal Facility 6. Name of Building 90 Church Street Station

II. BUILDING OWNER

7. Name U.S. Postal Service, C/o 90 Church Street, L.P. 8. Contact Person John Coppola

9. Tel. [redacted] Fax # [redacted]

10. Address 90 Church Street City New York State NY Zip 10007

III. GENERAL CONTRACTOR

11. Name Structuretone Tel. [redacted]

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name PAL Environmental Safety Corp. 13. Contact Person Michael Chain

14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fax [redacted]

16. Address 43-09 Vernon Boulevard City Long Island City State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name Ambient Group 18. Contact Person John Leitner

19. Federal Employer ID [redacted] 20. Tel. [redacted] Fax [redacted]

21. Address 55 West 39th Street City New York State NY Zip 10018

22. Sample Analysis Laboratory Ambient 23. NYS DOH ELAP # 11732

VI. PROJECT INFORMATION

24. Starting date for this portion of work 12/20/02 Projected completion date 12/1/03

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7:00 ☑ am ☐ pm to 3:30 ☐ am ☑ pm

If other, specify 4:00 pm to 12:30 am

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
DEC 20 2002
D.E.P.
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM

25. Total amount of asbestos-containing material to be abated during this work

47,200 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146390

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler TST NYS DEC Permit # NJ 462 Te[redacted]

Disposal Site(s) BFI Imperial Landfill, Imperial, PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) WTC Emergency Dust Clean-up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

TAW2046MN02

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
B/2-15	Stairwell "B"	All Surfaces	13,600	0	Emergency WTC Dust Cleanup
B/2-15	Stairwell "C"	All Surfaces	13,600	0	Emergency WTC Dust Cleanup
B/2-15	Stairwell "D"	All Surfaces	13,600	0	Emergency WTC Dust Cleanup
B/2-6	Stairwell "E"	All Surfaces	6,400	0	Emergency WTC Dust Cleanup

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Ambient Group	PAL Environmental Safety Corp.	PAL Environmental Safety Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
12/18/02	12/18/02	12/18/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

U.S. Postal Service: C/o 90 Church St., L.P. _____ 12/10/202

Print Name of Owner Signature Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146391

NYC 9/11 Public Portal Document

E103/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU1464MN02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

EMERGENCY

1. $400 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYSDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

NYC - DEP - ASB
SFD - C

I. FACILITY

2. Address 125 Cedar Street Borough Manhattan Zip 10007
AKA 120 Liberty Street Ctl. # 3. Block 52 4. Lot 21
5. Type of Facility Residential/Commercial 6. Name of Building

II. BUILDING OWNER

7. Name Samson Management 8. Contact Person Joe Masino
9. Tel. # [redacted] Fax [redacted]
10. Address 97-77 Queens Boulevard City Rego Park State NY Zip 11374

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name AA Services, LLC 13. Contact Person J. Rensink
14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fax [redacted]
16. Address 36 Eagle Street City Monroe State NY Zip 10950

V. THIRD PARTY AIR MONITOR

17. Name Parker House Services, LLC 18. Contact Person M. LaCommare
19. Federal Employer I[redacted] 20. Tel [redacted] Fax [redacted]
21. Address 14 Leewood Circle City Eastchester State NY Zip 10701
22. Sample Analysis Laboratory Scientific Laboratories Inc. 23. NYS DOH ELAP # 11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 9/6/02 Projected completion date 9/7/02

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☑ Friday ☑ Saturday ☐ Sunday

Shift from: 9 ☑ am ☐ pm to 4 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
SEP 9 2002
BUREAU OF ENVIRONMENTAL INVESTIGATION & PROTECTION
ASBESTOS CONTROL PROGRAM
TRU 1

25. Total amount of asbestos-containing material to be abated during this work

0 Square Feet, and/or 100 Linear Feet

ACP 7
2/2001

NYC-WTC_000146392

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler EWN & S TRANSPORT NYS DEC Permit # 2A-334 Te[redacted]

Disposal Site(s) ATHENS HOCKING RECLAMATION

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☑ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Basemen	Partial	Pipe lagging		100	Asbestos abatement

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Parer House Services Inc.	AA Services LLC	J. Rensink for AA Services LLC
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
9/5/02	9/5/02	9/5/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Joe Masino for Samson Management — Print Name of Owner

Signature

9/5/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146393

NYC 9/11 Public Portal Document

E77/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1090 M NO2
Building Dept# or TRU No
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ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

www.nyc.gov/dep

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $400 – (See fee schedule)

EMERGENCY E77/02

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 114 Liberty Street Borough ~~Bronx~~ Manh. Zip 10006

AKA _____ 3. Block 52 4. Lot 11

5. Type of Facility Residential 6. Name of Building _____

II. BUILDING OWNER

7. Name 114 Liberty Condominium 8. Contact Person Ms. Denise Sweeny

9. Tel. # [redacted] Fax # _____

10. Address 114 Liberty Street City New York State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Lacen Contracting Corp. 13. Contact Person Carlos R. Lacen

14. Federal Employer ID [redacted] 15. Tel. # [redacted] Fax [redacted]

16. Address 30-51 14th Street City Astoria State NY Zip 11102

V. THIRD PARTY AIR MONITOR

17. Name Environmental Consulting &Management 18. Contact Person Mr. Mark Rutstein

19. Federal Employer ID [redacted] 20. Tel [redacted] Fax [redacted]

21. Address 10 Filmont Drive City New City State NY Zip _____

22. Sample Analysis Laboratory EMSL 23. NYS DOH ELAP # 11506

VI. PROJECT INFORMATION

24. Starting date for this portion of work 7/12/02 Projected completion date 7/12/02

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 8:00 ☑ am ☐ pm to 5:00 ☐ am ☑ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

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JUL 11 2002
DEP/BANHN
ASBESTOS/LEAD
PROGRAM
TRUG
2

25. Total amount of asbestos-containing material to be abated during this work

100 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146394

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Tristate Transfer NYS DEC Permit # _____ Tel.# [redacted]

Disposal Site(s) _____

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Clean Up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☑ DEP Variance Application

1090 m No 2

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Facade	South,East and West	Window Sills	100		Removal,Hepa Vacuum,Wetwipe
	WE WILL COMPLY WITH DEP BUILDING FACADE				
	PROTOCOL CLEAN UP				

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Environmental Consulting &Mgmt.	Lacen Contracting Corp.	Lacen Contracting Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Mark Rutstein	Carlo R Lacen	Carlo R Lacen
Signature	Signature	Signature
7/11/02	7/11/02	7/11/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Ms. Denise Sweeny	Denise Sweeny	7/11/02
Print Name of Owner	Signature	Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146395

NYC 9/11 Public Portal Document

THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

PHONE (718) 595-4418
FAX (718) 595-3648

Bureau of
Air, Noise, & Hazardous
Materials

ASBESTOS CONTROL PROGRAM TECHNICAL REVIEW UNIT
ACP-7 CORRECTION FORM

PREMISES ADDRESS 114 LIBERTY STREET.

BOROUGH MANHATTAN ZIP CODE 10006

CORRECT START DATE _____ CORRECT COMPLETION DATE _____

CORRECT ACM QUANTITY: _____ SQUARE FEET, AND/OR _____ LINEAR FEET

Correct Method Of Abatement: _____

Confirmation Of Change(s) Of Date(s) and/ACM Quantity As Noted Above

The undersigned affirms that she/he has been instructed verbally to change or confirm the date(s) and/or ACM quantity, by Ms./Mr. STEVENSON, _____, who is duly authorized to represent the organization/agency/company/corporation stated in the form ACP-7 regarding the above-noted facility address to be the (Please check one box only):

RECEIVED
JUL 11 2002
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
2

[ ] Asbestos Abatement Contractor [ ] Building Owner

[ ] Applicant for the asbestos project.

The Undersigned Is Employed by

LAGEN CONTRACTING CORP
Organization/ Agency/ Company/ Corporation

Address
30-51 14TH STR.

Telephone # [redacted]

GEORGE KOTSONIS
Print Name

Signature

TRU N4 8/96

59-17 Junction Boulevard, 11th Floor, Corona, New York 11368-5107

NYC-WTC_000146396

NYC 9/11 Public Portal Document

EMERGENCY ER84/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 1284MN02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

DEP RECEIVED AUG 09 2002 ASB

Ctl. #

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. $1200 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 127 Fulton Street Borough Manhattan Zip 10038

AKA 3. Block 91 4. Lot 12

5. Type of Facility Commercial Office 6. Name of Building 127 Fulton Street

II. BUILDING OWNER

7. Name The Minister, Elders and Deacons of the Reformed Protestant Dutch Church of the City of New York 8. Contact Person Don Livingston

9. Tel. [redacted] Fax # [redacted]

10. Address 45 John Street City New York State NY Zip 10038

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Specialty Service Contracting, Inc. 13. Contact Person Art Mallett

14. Federal Employer ID. [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 845 Broad Avenue City Ridgefield State NJ Zip 07657

V. THIRD PARTY AIR MONITOR

17. Name Parsons Brinkerhoff Quade and Douglas 18. Contact Person Mike Johnston

19. Federal Employer ID. [redacted] 20. Tel. [redacted] Fax # [redacted]

21. Address One Penn Plaza City New York State NY Zip 10019

22. Sample Analysis Laboratory EMSL 23. NYS DOH ELAP # 11507

VI. PROJECT INFORMATION

24. Starting date for this portion of work 8/8/02 Projected completion date 8/14/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☐ Sunday

Shift from: 8:00 ☑ am ☐ pm to 6:00 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED AUG 09 2002 CLEANUP/LEAD PROGRAM TRUG 1

25. Total amount of asbestos-containing material to be abated during this work

2,400 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler DJM, Inc. NYS DEC Permit # NJ-344 TEL.# [redacted]

Disposal Site(s) Imperial Landfill - Route 980 and Boggs Road, Imperial PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM cleanup only

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☑ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Tue 12844N02

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
4th	Entire South Side	Dust on floors and boxes	2,400		ACM cleanup only

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Parsons Brinkerhoff Quade & Dou.	Specialty Service Contracting	Specialty Service Contracting
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
8/8/02	8/8/02	8/8/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

The Minister, Elders and Deacons of the Reformed Protestant Dutch Church of The City of New York — Signature — 8/8/02

Print Name of Owner — Date

DAVID RIVKIN DIRECTOR RE.

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

PAID NYC - DEP - ASB
JUN 13 2002
ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT

FOR OFFICE PURPOSE ONLY

TRU 0878MN02
Building Dept. or TRU No.

1. $400.00
(SEE ITEM 27)

VAR

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

EMERGENCY E72/02

I. PROPERTY Barclay between Greenwich and West Broadway

2. ADDRESS _____ BORO Manhattan ZIP CODE 10007-0000

AKA Barclay between Greenwich & West Broadway 3. BLOCK N/A 4. LOT # N/A

5. *TYPE OF FACILITY Underground Structures

NAME OF BUILDING WTC 7 - Barclay bet Greenwich/West B'Way

6. APPROXIMATE AGE OF BUILDING 32 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK EMERGENCY #E72-02 Remove asbestos arc proof tape.
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Con Ed

9. CONTACT PERSON FOR THIS PROJECT Greg Rucco

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME _____ TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Felix Equities, Inc.

14. CONTACT PERSON FOR THIS PROJECT Bill Carlock

15. FEDERAL EMPLOYER IDENTIFICATION [redacted]

16. TEL. # [redacted] FAX # [redacted]

17. ADDRESS P.O. Box 650, Route 202 CITY Lincolndale STATE NY ZIP 10540-0650

V. THIRD PARTY AIR MONITOR

18. NAME ATC Associates Inc. 19. TEL. # [redacted]

20. ADDRESS 104 East 25th Street CITY New York STATE NY ZIP 10010-2917

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME ATC Associates, Inc. 22. NYS DOH ELAP # 10879

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Electric Cable
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 06/13/2002 PROJECTED COMPLETION DATE 08/13/2002

ASBESTOS WORK SCHEDULE ✓ DAY (8am-5pm) ✓ EVENING (5pm-12am) ✓ NIGHT (12am-8am) ✓ WEEKENDS ✓ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT/ALTERATION/DEMOLITION (ESTIMATED)

0 SQUARE FEET, AND/OR 120 LINEAR FEET ON PIPE

26. ASBESTOS HAULER Tri-State Transfer Assoc., Inc NYS DEC 1A-375
COMPANY NAME Asbestos Transportation Company. Inc PERMIT# 1A-371 TEL [redacted]
DISPOSAL SITE(S) Meadowfill Landfill Route 2 Bridgeport WV
Southern Alleghenies Disposal Ser843 Miller Picking Road Davidsville PA

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
1000 Linear Feet or more or 1000 Square Feet or more of friable ACM	$1200
At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

RECEIVED
Jun 13 2002 13:33
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.
If no Dept. of Buildings permit is required complete this report and submit to:

B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection.

*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.
ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling
Do not detach any sheets. Insert carbon paper between the 4 pages and complete this side, fold this sheet and the tab over the perforation so that all original entries are made on the white page. Reverse the carbon paper appropriately.

FORM ACP 7
2/94

NYC-WTC_000146399

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (con't.)

28. Methods of ACM Abatement *(Check all appropriate boxes)*

a) Full Containment b) Repair c) Enclosure g) Clean up
d) Glovebag e) Encapsulation f) Tent
h) ✓ Other, *Specify* Following previously approved procedures

29. This asbestos abatement is part of a *(Item a through e* requires filing of this form with NYC Department of Buildings)

a) Demolition b) Boiler Replacement c) Sprinkler Replacement
d) Renovation/Alteration e) Fire proofing Replacement
f) ✓ Other, *Describe* Asbestos Abatement

30. **LOCATIONS WHERE SUBJECT ABATEMENT TAKING PLACE**

Actual Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room lobby, etc.)	AFFECTED SURFACES CONTAINING FRIABLE ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF FRIABLE ACM		DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
			SQUARE FEET	LINEAR FEET	
N/A	Underground Structure	Cable	0	120	Asbestos Abatement

Attach additional sheet if necessary

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge and that the air monitor is independent of the asbestos contractor. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates Inc.	Felix Equities, Inc.	Consolidated Edison Company of New York, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant
Signature	Signature	Signature
12-JUN-2002	13-JUN-2002	12-JUN-2002
Date	Date	Date

If Applicant is not the owner:

32. Authorization of Owner: I hereby declare that I have authorized the applicant to file the Application for the work specified herein and I have independently hired the air monitor in accordance with the NYC Asbestos Control Regulations.

Con Ed _____ _____
Print Name of Owner Signature Date

NOTE: Storage, Transportation and Disposal of Asbestos Contaminated Wastes is regulated by the NYC Department of Sanitation (LL 70/85)

A validated photocopy of this form shall be kept at the worksite.

Any modification(s) of information provided on this form shall be reported immediately in writing directly to the NYC Department of Environmental Protection Asbestos Control Program 59-17 Junction Blvd., 8th Floor Corona, NY 11368-5107

THE PIECEMEAL CARRYING OUT OF AN OPERATION TO AVOID COVERAGE BY A STANDARD OPERATIONS OF A LARGER SIZE IS A VIOLATION

FORM ACP 7
2/94
2-02492

NYC-WTC_000146400

NYC 9/11 Public Portal Document

EMERGENCY

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

ASBESTOS INSPECTION REPORT

ER 62/02

PAID NYC DEP - ASB MAY 14 20--

ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

FOR OFFICE PURPOSE ONLY

TRU 0682MN02
Building Dept. or TRU No.

1. $400.00
(SEE ITEM 27)

VAR

Ck. #

I. FACILITY Barclay between Washington & Greenwich

2. ADDRESS _____ BORO Manhattan ZIP CODE 10007-0000

AKA Barclay between Washington & Greenwich 3. BLOCK N/A 4. LOT # N/A

5. *TYPE OF FACILITY Underground Structure

NAME OF BUILDING WTC 7 - Barclay bet Wash/Greenwich

6. APPROXIMATE AGE OF BUILDING 32 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK EMERGENCY # 447607, Remove asbestos arc proof tape
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Con Edison 9. CONTACT PERSON FOR THIS PROJECT Greg Rucco

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME _____ TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Felix Equities, Inc. 14. CONTACT PERSON FOR THIS PROJECT Bill Carlock

15. FEDERAL EMPLOYER IDENTIFICATION [redacted]

16. TEL. [redacted] FAX [redacted]

17. ADDRESS P.O. Box 650, Route 202 CITY Lincolndale STATE NY ZIP 10540-0650

V. THIRD PARTY AIR MONITOR

18. NAME ATC Associates Inc. 19. TEL. [redacted]

20. ADDRESS 104 East 25th Street CITY New York STATE NY ZIP 10010-2917

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME ATC Associates, Inc. 22. NYS DOH ELAP # 10879

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Electric Cable
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 05/10/2002 PROJECTED COMPLETION DATE 06/10/2002

ASBESTOS WORK SCHEDULE ✓ DAY (8am-5pm) ✓ EVENING (5pm-12am) ✓ NIGHT (12am-8am) ✓ WEEKENDS ✓ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT/ALTERATION/DEMOLITION (ESTIMATED)

0 SQUARE FEET, AND/OR 120 LINEAR FEET ON PIPE

26. ASBESTOS HAULER Tri-State Transfer Assoc., Inc NYS DEC 1A-375

COMPANY NAME Asbestos Transportation Company. Inc PERMIT# 1A-371 TEL [redacted]

DISPOSAL SITE(S) Meadowfill Landfill Route 2 Bridgeport WV

Southern Alleghenies Disposal Ser843 Miller Picking Road Davidsville PA

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
1000 Linear Feet or more or 1000 Square Feet or more of friable ACM	$1200
At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

RECEIVED
May 14 2002 15:37
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.
If no Dept. of Buildings permit is required complete this report and submit to:

B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection.

*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.
ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling
Do not detach any sheets. Insert carbon paper between the 4 pages and complete this side, fold this sheet and the tab over the perforation so that all original entries are made on the white page. Reverse the carbon paper appropriately.

FORM ACP 7
2/94

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (con't.)

28. Methods of ACM Abatement *(Check all appropriate boxes)*

a) Full Containment b) Repair c) Enclosure g) Clean up
d) Glovebag e) Encapsulation f) Tent
h) ✓ Other, *Specify* FOLLOWING PREVIOUSLY APPROVED METHODS

29. This asbestos abatement is part of a *(Item a through e* requires filing of this form with NYC Department of Buildings)

a) Demolition b) Boiler Replacement c) Sprinkler Replacement
d) Renovation/Alteration e) Fire proofing Replacement
f) ✓ Other, *Describe* Asbestos Abatement

30. **LOCATIONS WHERE SUBJECT ABATEMENT TAKING PLACE**

Actual Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room lobby, etc.)	AFFECTED SURFACES CONTAINING FRIABLE ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF FRIABLE ACM		DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
			SQUARE FEET	LINEAR FEET	
N/A	Underground Structure	Cable	0	120	Asbestos Abatement

Attach additional sheet if necessary

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge and that the air monitor is independent of the asbestos contractor. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates Inc.	Felix Equities, Inc.	Consolidated Edison Company of New York, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant
Signature	Signature	Signature
13-MAY-2002	13-MAY-2002	13-MAY-2002
Date	Date	Date

If Applicant is not the owner:

32. Authorization of Owner: I hereby declare that I have authorized the applicant to file the Application for the work specified herein and I have independently hired the air monitor in accordance with the NYC Asbestos Control Regulations.

Con Edison		
Print Name of Owner	Signature	Date

NOTE: Storage, Transportation and Disposal of Asbestos Contaminated Wastes is regulated by the NYC Department of Sanitation (LL 70/85)

A validated photocopy of this form shall be kept at the worksite.

Any modification(s) of information provided on this form shall be reported immediately in writing directly to the NYC Department of Environmental Protection Asbestos Control Program 59-17 Junction Blvd., 8th Floor Corona, NY 11368-5107

THE PIECEMEAL CARRYING OUT OF AN OPERATION TO AVOID COVERAGE BY A STANDARD THAT APPLIES ONLY TO OPERATIONS OF A LARGER SIZE IS A VIOLATION

FORM ACP 7
2/94
2-02466

NYC-WTC_000146402

NYC 9/11 Public Portal Document

EMERGENCY

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

ASBESTOS INSPECTION REPORT

ER63/02

PAID
NYC - DEP - ASB
MAY 14 2002

ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED

Cll. #

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

FOR OFFICE PURPOSE ONLY

TRU 0681MN02
Building Dept. or TRU No.

1. $400.00
(SEE ITEM 27)

VAR

I. FACILITY Washington Street Bet Vesey and Barclay

2. ADDRESS _____ BORO Manhattan ZIP CODE 10007-0000

AKA Washington St bet Vesey & Barclay 3. BLOCK N/A 4. LOT # N/A

5. *TYPE OF FACILITY Underground Structures

NAME OF BUILDING WTC 7 - Wash bet Vesey/Barclay

6. APPROXIMATE AGE OF BUILDING 32 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK EMERGENCY # 447606, Remove asbestos arc proof tape
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Con Ed

9. CONTACT PERSON FOR THIS PROJECT Greg Rucco

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME _____ TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Felix Equities, Inc.

14. CONTACT PERSON FOR THIS PROJECT Bill Carlock

15. FEDERAL EMPLOYER IDENTIFICATION # [redacted]

16. TEL. # [redacted] FAX # [redacted]

17. ADDRESS P.O. Box 650, Route 202 CITY Lincolndale STATE NY ZIP 10540-0650

V. THIRD PARTY AIR MONITOR

18. NAME ATC Associates Inc. 19. TEL. # [redacted]

20. ADDRESS 104 East 25th Street CITY New York STATE NY ZIP 10010-2917

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME ATC Associates, Inc. 22. NYS DOH ELAP # 10879

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Electric Cable
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 05/10/2002 PROJECTED COMPLETION DATE 06/10/2002

ASBESTOS WORK SCHEDULE ✓ DAY (8am-5pm) ✓ EVENING (5pm-12am) ✓ NIGHT (12am-8am) ✓ WEEKENDS ✓ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT/ALTERATION/DEMOLITION (ESTIMATED)

0 SQUARE FEET, AND/OR 240 LINEAR FEET ON PIPE

26. ASBESTOS HAULER Tri-State Transfer Assoc., Inc NYS DEC 1A-375

COMPANY NAME Asbestos Transportation Company. Inc PERMIT# 1A-371 TR [redacted]

DISPOSAL SITE(S) Meadowfill Landfill Route 2 Bridgeport WV

Southern Alleghenies Disposal Ser843 Miller Picking Road Davidsville PA

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
1000 Linear Feet or more or 1000 Square Feet or more of friable ACM	$1200
At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

RECEIVED
May 14 2002 15:31
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.
If no Dept. of Buildings permit is required complete this report and submit to:

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*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.
ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (con't.)

28. Methods of ACM Abatement *(Check all appropriate boxes)*

a) Full Containment b) Repair c) Enclosure g) Clean up
d) Glovebag e) Encapsulation f) Tent
h) ✓ Other, *Specify* FOLLWING PREVIOUSLY APPROVED PROCEDURES

29. This asbestos abatement is part of a *(Item a through e* requires filing of this form with NYC Department of Buildings)

a) Demolition b) Boiler Replacement c) Sprinkler Replacement
d) Renovation/Alteration e) Fire proofing Replacement
f) ✓ Other, *Describe* Asbestos Abatement

30. **LOCATIONS WHERE SUBJECT ABATEMENT TAKING PLACE**

Actual Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room lobby, etc.)	AFFECTED SURFACES CONTAINING FRIABLE ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF FRIABLE ACM		DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
			SQUARE FEET	LINEAR FEET	
N/A	Underground structures	Cable	0	240	Asbestos Abatement

Attach additional sheet if necessary

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge and that the air monitor is independent of the asbestos contractor. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates Inc.	Felix Equities, Inc.	Consolidated Edison Company of New York, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant
Signature	Signature	Signature
13-MAY-2002	13-MAY-2002	13-MAY-2002
Date	Date	Date

If Applicant is not the owner:

32. Authorization of Owner: I hereby declare that I have authorized the applicant to file the Application for the work specified herein and I have independently hired the air monitor in accordance with the NYC Asbestos Control Regulations.

Con Ed		
Print Name of Owner	Signature	Date

NOTE: Storage, Transportation and Disposal of Asbestos Contaminated Wastes is regulated by the NYC Department of Sanitation (LL 70/85)

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THE PIECEMEAL CARRYING OUT OF AN OPERATION TO AVOID COVERAGE BY A STANDARD THAT APPLIES ONLY TO OPERATIONS OF A LARGER SIZE IS A VIOLATION

NYC-WTC_000146404

NYC 9/11 Public Portal Document

EMERGENCY

PAID
NYC - DEP - ASB
MAY 14 2002
ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED
Ctl. #

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

ASBESTOS INSPECTION REPORT

ER61/02

FOR OFFICE PURPOSE ONLY

TRU 0683MN02
Building Dept. or TRU No.

1. $400.00
(SEE ITEM 27)

VAR

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

I. FACILITY Barclay between Greenwich and West Broadway

2. ADDRESS _____ BORO Manhattan ZIP CODE 10007-0000

AKA Barclay between Greenwich & West Broadway 3. BLOCK N/A 4. LOT # N/A

5. *TYPE OF FACILITY Underground Structures

NAME OF BUILDING WTC 7 - Barclay bet Greenwich/West B'Way

6. APPROXIMATE AGE OF BUILDING 32 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK EMERGENCY # 447611- Remove asbestos arc proof tape
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Con Ed

9. CONTACT PERSON FOR THIS PROJECT Greg Rucco

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME _____ TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Felix Equities, Inc.

14. CONTACT PERSON FOR THIS PROJECT Bill Carlock

15. FEDERAL EMPLOYER IDENTIFICATION [redacted]

16. TEL [redacted] FAX # [redacted]

17. ADDRESS P.O. Box 650, Route 202 CITY Lincolndale STATE NY ZIP 10540-0650

V. THIRD PARTY AIR MONITOR

18. NAME ATC Associates Inc. 19. TEL [redacted]

20. ADDRESS 104 East 25th Street CITY New York STATE NY ZIP 10010-2917

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME ATC Associates, Inc. 22. NYS DOH ELAP # 10879

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Electric Cable
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

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0 SQUARE FEET, AND/OR 240 LINEAR FEET ON PIPE

26. ASBESTOS HAULER Tri-State Transfer Assoc., Inc NYS DEC 1A-375

COMPANY NAME Asbestos Transportation Company. Inc PERMIT# 1A-371 TEL.# [redacted]

DISPOSAL SITE(S) Meadowfill Landfill Route 2 Bridgeport WV

Southern Alleghenies Disposal Ser843 Miller Picking Road Davidsville PA

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
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At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

RECEIVED
May 14 2002 15:42
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM
TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.
If no Dept. of Buildings permit is required complete this report and submit to:

B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection.

*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.
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Form Handling
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FORM ACP 7
2/94

NYC-WTC_000146405

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (con't.)

28. Methods of ACM Abatement *(Check all appropriate boxes)*

a) Full Containment b) Repair c) Enclosure g) Clean up
d) Glovebag e) Encapsulation f) Tent
h) ✓ Other, *Specify* FOLLOWING PREVIOUSLY APPROVED PROCEDURES

29. This asbestos abatement is part of a *(Item a through e* requires filing of this form with NYC Department of Buildings)

a) Demolition b) Boiler Replacement c) Sprinkler Replacement
d) Renovation/Alteration e) Fire proofing Replacement
f) ✓ Other, *Describe* Asbestos Abatement

30. **LOCATIONS WHERE SUBJECT ABATEMENT TAKING PLACE**

Actual Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room lobby, etc.)	AFFECTED SURFACES CONTAINING FRIABLE ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF FRIABLE ACM		DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
			SQUARE FEET	LINEAR FEET	
N/A	Underground Structure	Cable	0	240	Asbestos Abatement

Attach additional sheet if necessary

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ATC Associates Inc.	Felix Equities, Inc.	Consolidated Edison Company of New York, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant
Signature	Signature	Signature
13-MAY-2002	13-MAY-2002	13-MAY-2002
Date	Date	Date

If Applicant is not the owner:

32. Authorization of Owner: I hereby declare that I have authorized the applicant to file the Application for the work specified herein and I have independently hired the air monitor in accordance with the NYC Asbestos Control Regulations.

Con Ed _____ _____
Print Name of Owner Signature Date

NOTE: Storage, Transportation and Disposal of Asbestos Contaminated Wastes is regulated by the NYC Department of Sanitation (LL 70/85)

A validated photocopy of this form shall be kept at the worksite.

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THE PIECEMEAL CARRYING OUT OF AN OPERATION TO AVOID COVERAGE BY A STANDARD THAT APPLIES ONLY TO OPERATIONS OF A LARGER SIZE IS A VIOLATION

NYC-WTC_000146406

NYC 9/11 Public Portal Document

CITY OF NEW YORK DEPT. OF ENVIRONMENTAL PROTECTION
RECEIVED
TYPEWRITTEN FORMS WILL BE ACCEPTED
APR 26 2002
TECHNICAL REVIEW UNIT TRU 1
ENVIRONMENTAL COMPLIANCE

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

EMERGENCY

255/02-0593 M N02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 1,200.- (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 150 Franklin Street Borough Manhattan Zip 10013

AKA N/A 3. Block 189 4. Lot 7

5. Type of Facility Apartments 6. Name of Building N/A

II. BUILDING OWNER

7. Name 150 Franklin Owners Corp. 8. Contact Person Emily Sorkin

9. Tel. # [redacted] Fax # [redacted]

10. Address 150 Franklin Street City New York State NY Zip 10013

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name D.S.A. Services, Inc. 13. Contact Person Anthony Frassetti

14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fax # [redacted]

16. Address P.O. Box 60547 City Staten Island State NY Zip 10306

V. THIRD PARTY AIR MONITOR

17. Name Donohoe Environmental, Inc. 18. Contact Person Tim Donohoe

19. Federal Employer ID. [redacted] 20. Tel. [redacted] Fax [redacted]

21. Address 39 Bowery #685 City New York State NY Zip 10002

22. Sample Analysis Laboratory Scientific Labs 23. NYS DOH ELAP # 11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 4/18/02 Projected completion date 4/20/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 8 ☑ am ☐ pm to 4 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

8,500 Square Feet, and/or 0 Linear Feet

CITY OF NEW YORK DEPT. OF ENVIRONMENTAL PROTECTION
RECEIVED
APR 26 2002
TECHNICAL REVIEW UNIT TRU 1
ENVIRONMENTAL COMPLIANCE

ACP 7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler A.T.C. Inc. NYS DEC Permit # 1A-371 Tel.# [redacted]

Disposal Site(s) Meadowfill Landfill, Route #2 Box 68, Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☑ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Bsmt.	Elevator Shaft	Walls And Windows	300		Clean up
1	Elevator Shaft	Walls And Windows	35		Clean up
2	Elevator	Walls And Windows	35		Clean up
3	Elevator Shaft	Walls And Windows	35		Clean up
4	Elevator Shaft	Walls And Windows	35		Clean up
5	Elevator Shaft	Walls And Windows	35		Clean up
6	Elevator Shaft	Walls And Windows	35		Clean up
7	Elevator Shaft	Walls And Windows	35		Clean up
Roof	Entire	Floor And Parapet	5,000		Clean up
Bldg. Frt.	Entire	Sidewalk, Stairs And Windov	2,955		Clean up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Donohoe Environmental, Inc.	D.S.A. Services, Inc.	Anthony Frassetti
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
4/25/02	4/25/02	4/25/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

150 Franklin Owners Corp. _____ _____
Print Name of Owner Signature Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146408

NYC 9/11 Public Portal Document

EMERGENCY ER 4/9/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 0512HNO.
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. 1,200 (See fee schedule)

RECEIVED APR 16 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRU 6

EFFECTIVE APRIL 1, 2002 HANDWRITTEN FORMS WILL BE ACCEPTED

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 130 Liberty Street Borough Manhattan Zip 10006

AKA _____ 3. Block 54 4. Lot 1

5. Type of Facility Commercial 6. Name of Building _____

II. BUILDING OWNER

7. Name Cushman & Wakefield a/a/f Deutsche Bank 8. Contact Person Marino Prodan

9. Tel. # [redacted] Fax [redacted]

10. Address 14 Wall Street City New York State NY Zip 10005

III. GENERAL CONTRACTOR

11. Name Tishman Construction Tel. # [redacted]

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name PAL Environmental Safety Corp. 13. Contact Person Paul Mast

14. Federal Employer ID [redacted] 15. Tel. [redacted] Fax [redacted]

16. Address 43-09 Vernon Boulevard City Long Island City State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name Ambient Group, Inc. 18. Contact Person John Leitner

19. Federal Employer ID [redacted] 20. Tel. [redacted] Fax [redacted]

21. Address 55 West 39th Street City New York State NY Zip 10018

22. Sample Analysis Laboratory Ambient Group, Inc. 23. NYS DOH ELAP # 11732

VI. PROJECT INFORMATION

24. Starting date for this portion of work 4/24/02 Projected completion date 7/31/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 8 ☑ am ☐ pm to 12 ☑ am ☐ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED APR 16 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRU 6

25. Total amount of asbestos-containing material to be abated during this work

102,000 Square Feet, and/or 0 Linear Feet

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Jimmy Byrne - JBT / IESI NYS DEC Permit # 1A-375 /NJ-462 Tel.# [redacted]

Disposal Site(s) Greenridge Reclamation - Scottdale, PA/IESG - Blueridge, PA

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM Removal

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

TRI052HN02

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
8 - 24	Entire - North	Debris from WTC	102,000		Clean-Up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Ambient Group, Inc.	PAL Environmental Safety Corp.	Ambient Group, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
John Luther	Michael Chin	John Luther
Signature	Signature	Signature
4/15/02	4-16-02	4/15/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Cushman & Wakefield a/a/f Deutsche Bank — Print Name of Owner

Signature

4/16/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

EMERGENCY ER 4/7/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT

FOR OFFICE PURPOSE ONLY
TRU 049THMJ02
Building Dept. or TRU No.

1. 1,200 (SEE ITEM 27)

ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

RECEIVED APR 11 2002 DEP BANHM ASBESTOS LEAD PROGRAM TRUC 6

I. FACILITY

2. ADDRESS 102-104 Fulton St. BORO NYC ZIP CODE 10038
AKA ____ 3. BLOCK 78 4. LOT # 21
5. *TYPE OF FACILITY Residential
NAME OF BUILDING ____
6. APPROXIMATE AGE OF BUILDING 80 YEARS OLD
7. DESCRIPTION OF PROPOSED WORK Emergency clean up
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME [redacted] 9. CONTACT PERSON FOR THIS PROJECT Yair Levy
10. TEL. # [redacted] FAX [redacted]
11. ADDRESS 111 Great Neck Rd CITY Great Neck STATE NY ZIP 11021

III. GENERAL CONTRACTOR

12. NAME N/A TEL. # ( )

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME SNS Group Inc 14. CONTACT PERSON FOR THIS PROJECT N.Azhazha
15. FEDERAL EMPLOYER IDENTIFICATION # [redacted]
16. TEL. # [redacted] FAX # ( ) same
17. ADDRESS 1170 Brighton Bch Av CITY Bklyn STATE NY ZIP 11235

V. THIRD PARTY AIR MONITOR

18. NAME US Contracting Co 19. TEL. # [redacted]
20. ADDRESS 1454 W.5th Street CITY Bklyn STATE NY ZIP 11204

VI. LABORATORY FOR SAMPLE ANALYSIS

21. NAME ALAC 22. NYS DOH ELAP # 11605

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON floor
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 4 / 12 / 02 PROJECTED COMPLETION DATE 8 / 10 / 02

ASBESTOS WORK SCHEDULE ☒ DAY (8am-5pm) ☐ EVENING (5pm-12am) ☐ NIGHT (12am-8am) ☐ WEEKENDS ☒ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT /ALTERATION/DEMOLITION (ESTIMATED)

2800 SQUARE FEET, AND/OR ____ LINEAR FEET ON PIPE

26. ASBESTOS HAULER
COMPANY NAME IESI NYS DEC PERMIT # NJ162 TEL. [redacted]
DISPOSAL SITE(S) Blue Ridge Lanfill Corp
Scotland, PA

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
1000 Linear Feet or more or 1000 Square Feet or more of friable ACM	$1200
At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

Circle appropriate Filing Fee and write it in Item 1. Complete this report and submit it to:
A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings
If no Dept. of Buildings permit is required complete this report and submit to:
B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection

* Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Building, etc.
ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling
Do not detach any sheets. Insert carbon paper between the 4 pages and complete this side, fold this sheet and the tab over the perforation so that all original entries are made on the white page. Reverse the carbon paper appropriately.

FORM ACP 7
2/94

NYC-WTC_000146411

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (con't.)

28. Methods of ACM Abatement *(Check all appropriate boxes)*

a) ☐ Full Containment b) ☐ Repair c) ☐ Enclosure g) ☐ Clean up
d) ☐ Glovebag e) ☐ Encapsulation f) ☐ Tent
g) ☒ Other, *Specify* Emergency Clean up

29. This asbestos abatement is part of a *(Item a through e requires filing of this form with NYC Department of Buildings)*

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement
d) ☒ Renovation/Alteration e) ☐ Fire proofing Replacement
f) ☐ Other, *(Describe)*

30. **LOCATIONS WHERE SUBJECT ABATEMENT TAKING PLACE**

Actual Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room lobby, etc.)	AFFECTED SURFACES CONTAINING FRIABLE ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF FRIABLE ACM		DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
			SQUARE FEET	LINEAR FEET	
Bsmt	Entire	Floor	2800		Emergency cleanup

Attach additional sheet if necessary

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge and that the air monitor is independent of the asbestos contractor. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

US Contracting Co	SNS Group Inc	SNS Group Inc
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant
Kevin Scanlon US Contracting Co	N. Agha	N. Agha
Signature	Signature	Signature
4/10/02	4/10/02	4/10/02
Date	Date	Date

If Applicant is not the owner:

32. Authorization of Owner: I hereby declare that I have authorized the applicant to file the Application for the work specified herein and I have independently hired the air monitor in accordance with the NYC Asbestos Control Regulations.

YAIR LEVY		4/09/02
Print Name of Owner	Signature	Date

NOTE: Storage, Transportation and Disposal of Asbestos Contaminated Wastes is regulated by the NYC Department of Sanitation (LL 70/85)

A validated photocopy of this form shall be kept at the worksite.

Any modification(s) of information provided on this form shall be reported immediately in writing directly to the NYC Department of Environmental Protection Asbestos Control Program 59-17 Junction Blvd., 8th Floor Corona, NY 11368-5107

...OUT OF AN OPERATION TO AVOID COVERAGE BY A STANDARD

NYC 9/11 Public Portal Document

EMERGENCY ER45/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 0445M02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 11,600 (See fee schedule)

RECEIVED 2002 DEP ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address Various Street Locations near 7 WTC(See Attached Sheet) Borough Manhattan Zip 10007

AKA 7 WTC Area 3. Block ____ 4. Lot ____

5. Type of Facility Steam, Gas & Transmission Pipe 6. Name of Building N/A

II. BUILDING OWNER

7. Name Con Edison Co. of New York, Inc. 8. Contact Person Gregory Rucco

9. Tel. [redacted] Fax [redacted]

10. Address 4 Irving Place City Manhattan State NY Zip 10003

III. GENERAL CONTRACTOR

11. Name ____ Tel. # ____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Felix Equities, Inc. 13. Contact Person Bill Carlock

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax [redacted]

16. Address P.O.Box 650, Route 202 City Lincolndale State NY Zip 10540

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates, Inc. 18. Contact Person Robert Lewin

19. Federal Employer ID [redacted] 20. Tel. [redacted] Fax [redacted]

21. Address 104 East 25th Street City Manhattan State NY Zip 10010

22. Sample Analysis Laboratory ATC Associates 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 4/3/02 Projected completion date 3/31/03

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☑ am ☐ pm

If other, specify ____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED APR 03 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

0 Square Feet, and/or 15,245 Linear Feet

ACP 7 2/2001

NYC-WTC_000146413

NYC 9/11 Public Portal Document

[redacted]

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Co.,Inc. NYS DEC Permit # 1A-371 Tel.# [redacted]

Disposal Site(s) Meadowfill Landfill, Route 2 Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement (7 WTC - Emergency # E45-02)

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

THROUGH 2

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
N/A	Excavation	Pipe(See attachment)		15,245	Asbestos Abatement

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates	Felix Equities	Con Edison Co. of New York, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
4-3-02	04-03-02	4/2/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Print Name of Owner _____ Signature _____ Date _____

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146414

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 0414MN02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. Ex
(See fee schedule)

ONLY TYPEWRITTEN FORMS ARE ACCEPTED

EMERGENCY 4/02

www.nyc.gov/dep

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address GROUND ZERO - intersection West St. & Liberty St. Borough Manhattan Zip 10048

AKA B6 level SW corner of Ground Zero cleanup site 3. Block 58 4. Lot 1

5. Type of Facility _____ 6. Name of Building Slurry Wall near West St. & Liberty St.

II. BUILDING OWNER

7. Name New York City Department of Design and Construction 8. Contact Person Bob Adams

9. Tel [redacted] Fax # _____

10. Address 30-30 Thomson Avenue City New York State NY Zip _____

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Don Adler

14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fax [redacted]

16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates 18. Contact Person Fred Burkhardt

19. Federal Employer I[redacted] 20. Tel. [redacted] Fax [redacted]

21. Address 104 East 25th Street City New York State NY Zip 10010

22. Sample Analysis Laboratory ATC Associates 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 3/28/02 Projected completion date 4/19/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☑ am ☐ pm

If other, specify Project is being run 24hours/day - 7 days/week .

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
MAR 29 2002
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

200 Square Feet, and/or 400 Linear Feet

ACP 7
2/2001

NYC-WTC_000146415

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Corp. NYS DEC Permit # 1A-371 Te[redacted]

Disposal Site(s) Meadowfill Landfill, Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

04/14 MN02

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
B6 level	Slurry Wall	Pipe Insulation - debris	200	400	Asbestos Abatement

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates	Don Adler for Safeway Env Corp.	Don Adler for Safeway Env Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
3/29/2	3/28/02	3/28/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

NY City Dept. of Design & Construction	Robert C. Blanco	3/29/02
Print Name of Owner	Signature	Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146416

NYC 9/11 Public Portal Document

EMERGENCY
NO WRITTEN FORMS WILL BE ACCEPTED
E 43/02

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DEP
www.nyc.gov/dep

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 0415 M NO2
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. EX
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address GROUND ZERO - West St. between Liberty & Vesey Streets Borough Manhattan Zip 10048

AKA B6 level North of South Projection 3. Block 58 4. Lot 1

5. Type of Facility _____ 6. Name of Building West Slurry Wall proximate to West St.

II. BUILDING OWNER

7. Name New York City Department of Design and Construction 8. Contact Person Bob Adams

9. Tel. [redacted] Fax # _____

10. Address 30-30 Thomson Avenue City New York State NY Zip _____

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Don Adler

14. Federal Employer ID. [redacted] 15. Tel [redacted] Fa [redacted]

16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates 18. Contact Person Fred Burkhardt

19. Federal Employer ID [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 104 East 25th Street City New York State NY Zip 10010

22. Sample Analysis Laboratory ATC Associates 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 3/28/02 Projected completion date 4/19/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☑ am ☐ pm

If other, specify Project is being run 24hours/day - 7 days/week .

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
MAR 29 2002
DEP BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

2,400 Square Feet, and/or 100 Linear Feet

ACP 7
2/2001

NYC-WTC_000146417

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Corp. NYS DEC Permit # 1A-371 Tel [redacted]

Disposal Site(s) Meadowfill Landfill, Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

0415 MN02

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
B6 level	West Slurry Wall	Pipe Insulation - debris	2,400	100	Asbestos cleanup

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates	Don Adler for Safeway Env Corp.	Don Adler for Safeway Env Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
3/29/2	3/28/02	3/28/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

NY City Dept. of Design & Construction	Robert C. Adams	3/29/02
Print Name of Owner	Signature	Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

EMERGENCY ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED
Ex 3/21/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU0353M02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. Cx
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities .

I. FACILITY

2. Address GROUND ZERO - West St. between Liberty & Vesey Streets Borough Manhattan Zip 10048

AKA B6 level North of South Projection 3. Block 58 4. Lot 1

5. Type of Facility _____ 6. Name of Building West Slurry Wall proximate to West St.

II. BUILDING OWNER

7. Name New York City Department of Design and Construction 8. Contact Person Bob Adams

9. Tel. [redacted] Fax # _____

10. Address 30-30 Thomson Avenue City New York State NY Zip _____

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Don Adler

14. Federal Employer ID: [redacted] 15. Tel. [redacted] F[redacted]

16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates 18. Contact Person Fred Burkhardt

19. Federal Employer ID: [redacted] 20. Tel. [redacted] Fax [redacted]

21. Address 104 East 25th Street City New York State NY Zip 10010

22. Sample Analysis Laboratory ATC Associates 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 3/21/02 Projected completion date 4/21/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☑ am ☐ pm

If other, specify Project is being run 24hours/day - 7 days/week .

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work

5,000 Square Feet, and/or 0 Linear Feet

RECEIVED
MAR 25 2002
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
6

ACP 7
2/2001

NYC-WTC_000146419

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Corp. NYS DEC Permit # 1A-371 Tel.: [redacted]

Disposal Site(s) Meadowfill Landfill, Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Tfn 0353Hu02

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
B6 level	West Slurry Wall	Pipe Insulation - debris	5,000	0	Asbestos cleanup

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates	Don Adler for Safeway Env Corp.	Don Adler for Safeway Env Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
3/25/2	3/21/02	3/21/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

NY City Dept. of Design & Construction — Robert C. Adams — 3/25/02

Print Name of Owner — Signature — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

paid 1/14/02

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 0315 #N02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 4200.
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY E36/02

I. FACILITY

2. Address 75 Broad Street Borough Manhattan Zip 10004

AKA _____ 3. Block 29 4. Lot 70

5. Type of Facility commercial 6. Name of Building _____

II. BUILDING OWNER

7. Name JEMB Realty 8. Contact Person Joe Simmens

9. Tel. # [redacted] Fax [redacted]

10. Address 75 Broad Street City NY State NY Zip 10004

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name PAL 13. Contact Person Paul Mast

14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fax [redacted]

16. Address 43-09 Vernon Blvd. City LIC State NY Zip 11101

V. THIRD PARTY AIR MONITOR

17. Name Ambient Labs 18. Contact Person Joe Cianci

19. Federal Employer ID. [redacted] 20. Tel. [redacted] F[redacted]

21. Address 55 West 39th Street City NY State NY Zip 10018

22. Sample Analysis Laboratory Ambient Labs 23. NYS DOH ELAP # 10865

VI. PROJECT INFORMATION

24. Starting date for this portion of work 3/13/02 Projected completion date 3/30/02

Asbestos work schedule ☐ Monday ☐ Tuesday ☑ Wednesday ☑ Thursday ☐ Friday ☑ Saturday ☐ Sunday

Shift from: 8:00 ☑ am ☐ pm to 4:30 ☐ am ☑ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
MAR 15 2002
DEP/BANHM
ASBESTOS/LEAD
PROGRAM
TRUG
6

25. Total amount of asbestos-containing material to be abated during this work

2,500 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146421

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Jimmy Byrne JBT NYS DEC Permit # 1a375 Tel [redacted]

Disposal Site(s) Greenridge reclimation scottdale pa

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) asbestos emergency

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☑ DEP Variance Application

0315NV02

30. **LOCATIONS OF ABATEMENT**

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
23rd	roof set back	dust / debris on roof membra	2,500		asbestos abatement

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Ambient Labs	PAL	PAL
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
3/12/02	3/12/02	3/12/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

JOSEPH J. SIMMONS — Print Name of Owner AS AGENT FOR OWNER

Signature

3/13/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146422

NYC 9/11 Public Portal Document

EMERGENCY ER 42/02

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1R10268M02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1200
(See fee schedule)

RECEIVED MAR 25 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6 FACILITY
ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

2. Address 102 North End Avenue Borough Manhattan Zip 10282

AKA _____ 3. Block 25(SITE) 4. Lot _____

5. Type of Facility Theatre 6. Name of Building United Artists

II. BUILDING OWNER

7. Name Forrest City Ratner 8. Contact Person John Bowen

9. Tel. # [redacted] Fax [redacted]

10. Address 1 Metro Tech Center City Brooklyn State NY Zip 11203

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Pinnacle Environmental Corp 13. Contact Person Richard Doran

14. Federal Employer ID. # [redacted] 15. Tel. [redacted] Fax [redacted]

16. Address 64-45 Maurice Avenue City Maspeth State NY Zip 11378

V. THIRD PARTY AIR MONITOR

17. Name Hillman Environmental 18. Contact Person Joe Hillman

19. Federal Employer ID. # [redacted] 20. Tel. [redacted] Fax [redacted]

21. Address 1600 Route 22 East City Union State NJ Zip 10926

22. Sample Analysis Laboratory Hillman 23. NYS DOH ELAP # 10926

VI. PROJECT INFORMATION

24. Starting date for this portion of work 3/19/02 Projected completion date 4/30/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7.00 ☑ am ☐ pm to 12.00 ☑ am ☐ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED MAR 25 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

5,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146423

NYC 9/11 Public Portal Document

[redacted]

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Tristate Transfer NYS DEC Permit # 1A-375 Tel [redacted]

Disposal Site(s) Meadowfill Landfill, RTE 2, Box 68, Bridgeport, WV / Greenridge Landfill, 1 Landfill Rd, Scottsdale,

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Emergency Clean Up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

TM0368450 2

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Grd. Fl.	Entire	All Surfaces	2,000		Hepa Vac, Wet Wipe
Intermed	Entire	All Surfaces	1,500		Hepa Vac, Wet Wipe
Conces–	Partial	All Surfaces	1,500		Hepa Vac, Wet Wipe
STAND					

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Hillman	Pinnacle Environmental Corp.	Pinnacle Environmental Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
03/21/02 Date	3/20/02 Date	3/20/02 Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

FORREST CITY RATNER — Print Name of Owner

Signature

3/22/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

EMERGENCY

EM 32

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

www.nyc.gov/dep

Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. Exempt
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities .

I. FACILITY

2. Address GROUND ZERO @ Vesey and Church Street Borough Manhattan Zip 10048

AKA Path train tunnel beneath former WTC6 3. Block 58 4. Lot 1

5. Type of Facility train tunnel 6. Name of Building North Slurry Wall beneath 6WTC

II. BUILDING OWNER

7. Name New York City Department of Design and Construction 8. Contact Person Bob Adams

9. Tel [redacted] Fax #

10. Address 30-30 Thomson Avenue City New York State NY Zip

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Safeway Environmental Corp. 13. Contact Person Don Adler

14. Federal Employer ID [redacted] 15. Tel [redacted] Fax [redacted]

16. Address 1379 Commerce Avenue City Bronx State NY Zip 10461

V. THIRD PARTY AIR MONITOR

17. Name ATC Associates 18. Contact Person Fred Burkhardt

19. Federal Employer ID [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 104 East 25th Street City New York State NY Zip 10010

22. Sample Analysis Laboratory ATC Associates 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 2/21/02 Projected completion date 4/21/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 7 ☑ am ☐ pm to 7 ☑ am ☐ pm

If other, specify Project is being run 24hours/day 7 days/week.

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED
MAR 07 2002
DEP BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

0 Square Feet, and/or 10,800 Linear Feet

ACP 7
2/2001

NYC-WTC_000146425

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Asbestos Transportation Corp. NYS DEC Permit # 1A-371 Tel.# [redacted]

Disposal Site(s) Meadowfill Landfill, Bridgeport, WV 26330

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

Per 0276Hu02

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
"D" Level	North Slurry Wall	Transite conduit	0	10,800	Asbestos Removal

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ATC Associates	Don Adler for Safeway Env Corp.	Don Adler for Safeway Env Corp.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Don Adler Signature	Signature
3/6/2 Date	3/6/02 Date	3/6/02 Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

NY City Dept. of Design & Construction — Print Name of Owner

Stephanie Obley — Signature

3/6/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146426

NYC 9/11 Public Portal Document

RECEIVED TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

EMERGENCY EL 2/1/02

1,200 — (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 67 Liberty Street Borough Manhattan Zip

AKA 3. Block 64 4. Lot 10

5. Type of Facility residential 6. Name of Building

II. BUILDING OWNER

7. Name Promegranate Property Inc. 8. Contact Person Ron Shoshani

9. Tel. # [redacted] Fax [redacted]

10. Address 403 East 62nd Street City New York State NY Zip 10021

III. GENERAL CONTRACTOR

11. Name Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Cashel Inc. 13. Contact Person Michael O'Connor

14. Federal Employer ID. [redacted] 15. Tel. [redacted] Fa[redacted]

16. Address 3913 Provost Avenue City Bronx State NY Zip 10466

V. THIRD PARTY AIR MONITOR

17. Name Brasbestos Environmental Services, Inc. 18. Contact Person Edivane Franco

19. Federal Employer ID. [redacted] 20. Tel. [redacted] Fa[redacted]

21. Address 970 East Main Street City Riverhead State NY Zip 11901

22. Sample Analysis Laboratory ATC Associates Inc. 23. NYS DOH ELAP # 10879

VI. PROJECT INFORMATION

24. Starting date for this portion of work 3/2/02 Projected completion date 3/11/02

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 8 ☑ am ☐ pm to 5.30 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED MAR 06 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

2,490 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146427

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler IESI NYS DEC Permit # NJ452 Tel [redacted]

Disposal Site(s) Blueridge Landfill PA

27. This asbestos abatement is part of a (item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Asbestos Abatement

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

TCI 0257HN02

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
roof	set back roof	roof	400		clean up
1-4 fl	fire escape	fire escape	100		clean up
1-4 fl	window	window sash	100		clean up
main roof	entire	roof	1,500		clean up
1-4 fl	entire	stairways	350		clean up
1 fl	elevator	top of elevator	40		clean up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Brasbestos Environmental Svcs	Cashel, Inc.	Michael O'Connor
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
3/4/02	3/4/02	3/4/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Promegranate Property Inc. | Signature | 3/4/02

Print Name of Owner | Signature | Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

RECEIVED FEB 25 2002 DEP ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED ASBESTOS CONTROL PROGRAM PUBLIC

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

Thu-0205462
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $800
(See fee schedule)

EMERGENCY
EK 2/22/02

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 86 TRINITY PLACE Borough Manhattan Zip 10006

AKA AMERICAN STOCK EXCHANGE 3. Block 51 4. Lot 13

5. Type of Facility _____ 6. Name of Building AMERICAN STOCK EXCHANGE

II. BUILDING OWNER

7. Name AMERICAN STOCK EXCHANGE LLC 8. Contact Person TOM SACHAREWITZ

9. Tel. [redacted] Fax # [redacted]

10. Address 86 TRINITY PLACE City NEW YORK State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name LVI ENVIRONMENTAL SERVICES INC. 13. Contact Person STEVEN STILES

14. Federal Employer ID [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 462 GETTY AVENUE City CLIFTON State NJ Zip 07011

V. THIRD PARTY AIR MONITOR

17 Name ENVIRO SCIENCES 18. Contact Person GLENN NEUSCHWENDER

19. Federal Employer ID [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 2150 SMITHTOWN ROAD City RONKONKOMA State NY Zip 11779

22. Sample Analysis Laboratory ENVIRO SCIENCES 23. NYS DOH ELAP # 11681

VI. PROJECT INFORMATION

24. Starting date for this portion of work 2/23/02 Projected completion date 2/24/02

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☑ Saturday ☑ Sunday

Shift from: 8:00 ☑am ☐pm to 8:00 ☐am ☑pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED FEB 25 2002

25. Total amount of asbestos-containing material to be abated during this work

400 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146429

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A-371 TEL [redacted]

Disposal Site(s) MEADOWFILL LANDFILL

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM REMOVAL

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Thru 0205 Hours

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
ROOF	EAST SIDE	DEBRIS	400		ACM REMOVAL

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ENVIRO SCIENCES	LVI ENVIRONMENTAL SVC INC	LVI ENVIRONMENTAL SVC INC
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
2/21/02	2/21/02	2/21/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

AMERICAN STOCK EXCHANGE LLC — Print Name of Owner

T.S. Sadorewitz — Signature

2/22/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146430

NYC 9/11 Public Portal Document

RECEIVED DEP FEB 2002 ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED www.nyc.gov/dep EP BANHAM ESTOS LEA ROGRAM TRUG 6

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TPU 0204M402
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $800 (See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY EL 2/21/02

I. FACILITY

2. Address 22 THAMES STREET Borough Manhattan Zip 10006

AKA AMERICAN STOCK EXCHANGE 3. Block 51 4. Lot 14

5. Type of Facility _____ 6. Name of Building AMERICAN STOCK EXCHANGE

II. BUILDING OWNER

7. Name AMERICAN STOCK EXCHANGE LLC 8. Contact Person TOM SACHAREWITZ

9. Tel. [redacted] Fax # [redacted]

10. Address 86 TRINITY PLACE City NEW YORK State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name LVI ENVIRONMENTAL SERVICES INC. 13. Contact Person STEVEN STILES

14. Federal Employer ID [redacted] 15. Tel. [redacted] Fax # [redacted]

16. Address 462 GETTY AVENUE City CLIFTON State NJ Zip 07011

V. THIRD PARTY AIR MONITOR

17. Name ENVIRO SCIENCES 18. Contact Person GLENN NEUSCHWENDER

19. Federal Employer ID. [redacted] 20. Tel. [redacted] Fax # [redacted]

21. Address 2150 SMITHTOWN ROAD City RONKONKOMA State NY Zip 11779

22. Sample Analysis Laboratory ENVIRO SCIENCES 23. NYS DOH ELAP # 11681

VI. PROJECT INFORMATION

24. Starting date for this portion of work 2/23/02 Projected completion date 2/24/02

Asbestos work schedule ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☑ Saturday ☑ Sunday

Shift from: 8:00 ☑ am ☐ pm to 8:00 ☐ am ☑ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED FEB 25 2002 EP BANHAM ESTOS LEA ROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

400 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146431

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A-371 TEL [redacted]

Disposal Site(s) MEADOWFILL LANDFILL

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM REMOVAL

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Thru 0204 Major

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
ROOF	EAST SIDE	DEBRIS	400		ACM REMOVAL

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

ENVIRO SCIENCES	LVI ENVIRONMENTAL SVC INC	LVI ENVIRONMENTAL SVC INC
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
2/21/02	2/21/02	2/21/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

AMERICAN STOCK EXCHANGE LLC — Print Name of Owner

T S Lockwood — Signature

2/22/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

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2/2001

NYC 9/11 Public Portal Document

EP 1/1/02

EMERGENCY

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

TRU 0119 MN 02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

1. 1,200 — (See fee schedule)

ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

RECEIVED JAN 30 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 102 North End Ave Borough Manhattan Zip 10281

AKA Embassy Suites 3. Block 16 4. Lot 101

5. Type of Facility hotel 6. Name of Building Embassy Suites

II. BUILDING OWNER

7. Name BPC Hotell LLC 8. Contact Person John Bowen

9. Tel. # [redacted] Fax # [redacted]

10. Address 120 North End Ave City New york State NY Zip 10281

III. GENERAL CONTRACTOR

11. Name _____ Tel. # _____

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Benjamin Kurzban & Son Control 13. Contact Person Louie Iannico

14. Federal Employer ID [redacted] 15. Tel. [redacted] Fax # [redacted]

16. Address 1248 Ralph Ave City Brooklyn State NY Zip 11236

V. THIRD PARTY AIR MONITOR

17. Name Hillman Environmental 18. Contact Person Joe Hillman

19. Federal Employer I [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 1600 Rte 22 East City Union State NJ Zip 07083

22. Sample Analysis Laboratory Hillman/Sci-Labs 23. NYS DOH ELAP # 10926/11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 1/28/02 Projected completion date 3/31/02

Asbestos work schedule ☐ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 8:00 ☑ am ☐ pm to 8:00 ☑ am ☐ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED JAN 30 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

26,300 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC-WTC_000146433

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler IESI,NY NYS DEC Permit # NJ-462 TEL. [redacted]

Disposal Site(s) BlueRidge Landfill PO box 399 Scotland, Pa 17254

27. This asbestos abatement is part of a (item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM Emergency Clean Up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT TRL0119HN02

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESORIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
15th	Room 1533	entire clean up	900		ACM Clean Up
15th	Room 1501	entire clean up	900		ACM Clean Up
14th	Room 1432	entire clean up	900		ACM Clean Up
12th	Room 1236	entire clean up	900		ACM Clean Up
11th	Room 1136	entire clean up	900		ACM Clean Up
10th	Room 1038	entire clean up	900		ACM Clean Up
10th	Room 1034	entire clean up	900		ACM Clean Up
10th	Room 1031	entire clean up	900		ACM Clean Up
10th	Room 1007	entire clean up	900		ACM Clean Up
9th	Room 935	entire clean up	900		ACM Clean Up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Hillman Environmental	Benjamin Kurzban & Son control	Louie Iannico
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
1/28/02	1/28/02	1/28/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

BPC, Hotel LLC — Print Name of Owner

Signature

1/28/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

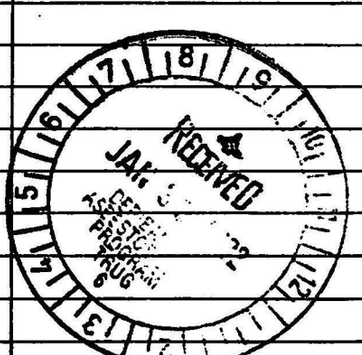
ACP7
2/2001

NYC 9/11 Public Portal Document

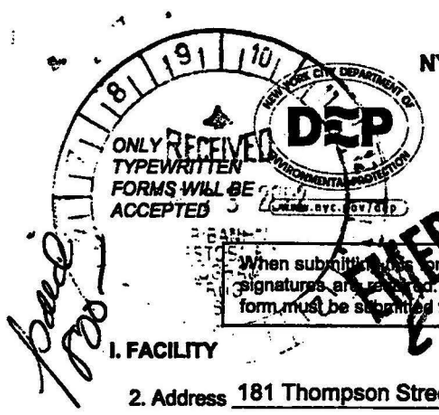
TRI0119HN02

30. LOCATIONS OF ABATEMENT (Continuation of previous page)

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
8th	Room 830	Entire Clean Up	900		ACM Clean Up
8th	Room 831	Entire Clean Up	900		ACM Clean Up
7th	Room 712	Entire Clean Up	900		ACM Clean Up
7th	Room 704	Entire Clean Up	900		ACM Clean Up
6th	Room 632	Entire Clean Up	900		ACM Clean Up
6th	Room 624	Entire Clean Up	900		ACM Clean Up
6th	Room 608	Entire Clean Up	900		ACM Clean Up
6th	Room 603	Entire Clean Up	900		ACM Clean Up
6th	Room 601	Entire Clean Up	900		ACM Clean Up
5th	Room 534	Entire Clean Up	900		ACM Clean Up
4th	Room 428	Entire Clean Up	900		ACM Clean Up
4th	Room 408	Entire Clean Up	900		ACM Clean Up
4th	Room 401	Entire Clean Up	900		ACM Clean Up
3rd	Room 337	Entire Clean Up	900		ACM Clean Up
3rd	Room335	Entire Clean Up	900		ACM Clean Up
1 - 15	Staircase A	Entire Clean Up	3,800		ACM Clean Up



NYC 9/11 Public Portal Document



NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

Building Dept. or TR/ No
FOR OFFICIAL USE ONLY

1. $800
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 181 Thompson Street Borough Manhattan Zip 10011

AKA 3. Block 525 4. Lot 7503

5. Type of Facility Apartment Building 6. Name of Building

II. BUILDING OWNER

7. Name 177-181 Thompson St. Owners Corp. 8. Contact Person Howard Rosenthal

9. Tel. # [redacted] Fax [redacted]

10. Address 171 Thompson St. City New York State NY Zip 10011

III. GENERAL CONTRACTOR

11. Name N/A Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name LVI Environmental services, Inc. 13. Contact Person Gregory Dooley

14. Federal Employer ID [redacted] 15. Tel [redacted] Fax [redacted]

16. Address 462 Getty Ave. City Clifton State NJ Zip 07011

V. THIRD PARTY AIR MONITOR

17. Name Advanced Envirionmental Corp. 18. Contact Person Ed Namath

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax [redacted]

21. Address 172 Madison Ave. City New York State NY Zip 10016

22. Sample Analysis Laboratory Sci- Lab 23. NYS DOH ELAP # 11480

VI. PROJECT INFORMATION

24. Starting date for this portion of work 1/24/02 Projected completion date 1/28/02

Asbestos work schedule ☑ Monday ☐ Tuesday ☐ Wednesday ☑ Thursday ☑ Friday ☑ Saturday ☑ Sunday

Shift from: 8 ☑ am ☐ pm to 4:30 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.



25. Total amount of asbestos-containing material to be abated during this work

650 Square Feet, and/or 120 Linear Feet

ACP 7
2/2001

NYC-WTC_000146436

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler ATC NYS DEC Permit # 1A- 371 Tel [redacted]

Disposal Site(s) Meadowfill Landfill

27. This asbestos abatement is part of a (item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM Removal Only

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☑ DEP Variance Application

00891N02

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Base	entire	pipes, walls, floors	650	120	emergency clean-up

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Advanced Environmental	LVI Enviromental services, Inc	LVI Environmental services, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
1-22-02	1/22/02	1/22/02
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Howard Rosenthal — Print Name of Owner

1/22/02 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146437

NYC 9/11 Public Portal Document

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT

FOR OFFICE PURPOSE ONLY

TRU 0049MN02 (Building Dept. or TRU No.)

1. $200.00 (SEE ITEM 27)

VAR ER 02/02

ONLY TYPEWRITTEN APPLICATIONS WILL BE ACCEPTED

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE OF START OF THE WORK (ABATEMENT ACTIVITIES)

RECEIVED JAN 11 2002 BANHM ASBESTOS/LEAD PROGRAM TRU 4

I. FACILITY On Washington bet Vesey & Barclay

2. ADDRESS ____ BORO Manhatten ZIP CODE 00000-0000

AKA 38M13/14/15 on Washington bet Vesey & Barclay 3. BLOCK n/a 4. LOT # n/a

5. *TYPE OF FACILITY Excavation

NAME OF BUILDING 38M13/14/15 on Washington bet Vesey & Barclay

6. APPROXIMATE AGE OF BUILDING 32 YEARS OLD

7. DESCRIPTION OF PROPOSED WORK Emergency E2/02 -CTW removal to repair feeder pipe
(e.g. Removing and replacing Old Boiler, Demolishing Building, Replacing Plumbing in Building, Installing Fire Sprinklers, Major Alterations, ACM Removal only)

II. BUILDING OWNER

8. NAME Consolidated Edison of New York 9. CONTACT PERSON FOR THIS PROJECT Richard Slote

10. TEL. # [redacted] FAX # [redacted]

11. ADDRESS 4 Irving Place CITY New York STATE NY ZIP 10003-0000

III. GENERAL CONTRACTOR

12. NAME ____ TEL. # 0-

IV. ASBESTOS ABATEMENT CONTRACTOR

13. NAME Consolidated Edison Company of New York, Inc. 14. CONTACT PERSON FOR THIS PROJECT Richard Slote

15. FEDERAL EMPLOYER IDENTIFICATION # [redacted]

16. TEL. # (212)460-2795 FAX # [redacted]

17. ADDRESS 4 Irving Place, Room 828 CITY New York STATE NY ZIP 10003-3586

V. THIRD PARTY AIR MONITOR

18. NAME Testwell Laboratories, Inc. 19. TEL. # [redacted]

20. ADDRESS 47 Hudson Street CITY Ossining STATE NY ZIP 10562-0000

VI. [redacted] SAMPLE ANALYSIS

21. NAME Testwell Laboratories, Inc. 22. NYS DOH ELAP # 11142

VII. ASBESTOS PORTION OF PREMISES BEING ABATED/ALTERED/DEMOLISHED

23. ASBESTOS COVERED STRUCTURE(S) BEING WORKED ON Electrical Feeder Pipe
(Boiler, Ceilings, Pipes, Storage Tanks, Plenum Ducts, Decking, Ceiling Tiles, etc.)

24. STARTING DATE FOR THIS PORTION OF WORK 01/10/2002 PROJECTED COMPLETION DATE 02/11/2002

ASBESTOS WORK SCHEDULE ✓ DAY (8am-5pm) ✓ EVENING (5pm-12am) ✓ NIGHT (12am-8am) ✓ WEEKENDS ✓ WEEKDAYS

25. TOTAL AMOUNT OF ASBESTOS CONTAINING MATERIAL (ACM) WHICH IS FRIABLE, OR MAY BECOME FRIABLE DURING ABATEMENT/ALTERATION/DEMOLITION (ESTIMATED)

0 SQUARE FEET, AND/OR 50 LINEAR FEET ON PIPE

26. ASBESTOS HAULER

COMPANY NAME Horwith Trucking NYS DEC PERMIT# PA-263 TEL [redacted]

DISPOSAL SITE(S) Chemical Waste Management 1550 Baldmer Road Model City NY

27. FILING FEE SCHEDULE

FOR PROJECT DISTURBING:	FILING FEE IS
1000 Linear Feet or more or 1000 Square Feet or more of friable ACM	$1200
At least 260 Linear Feet and less than 1000 Linear Feet or At least 160 Square Feet and less than 1000 Square Feet of friable ACM	$800
At least 100 Linear Feet and less than 260 Linear Feet or At least 50 Square Feet and less than 160 Square Feet of friable ACM	$400
More than 25 Linear Feet and less than 100 Linear Feet or More than 10 Square Feet and less than 50 Square Feet of friable ACM	$200

RECEIVED Jan 11 2002 15:05 DEP BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT ASBESTOS CONTROL PROGRAM TRU 4

Circle appropriate Filing Fee and write it in item 1. Complete this report and submit to:

A) The NYC Buildings Department with application for permit and filing fee. Check should be made payable to: NYC Department of Buildings.
If no Dept. of Buildings permit is required complete this report and submit to:

B) The NYC DEP Asbestos Control Program with filing fee. Check should be made payable to NYC Department of Environmental Protection.

*Type of Facility - Hospital, Theater, Warehouse, Commercial Office Spaces, Apartment Buildings, etc.
ACM - Asbestos Containing Material means Material Containing Greater Than 1% Asbestos

Form Handling
Do not detach any sheets. Insert carbon paper between the 4 pages and complete this side, fold this sheet and the tab over the perforation so that all original entries are made on the white page. Reverse the carbon paper appropriately.

FORM ACP 7
2/94

NYC-WTC_000146438

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (con't.)

28. Methods of ACM Abatement *(Check all appropriate boxes)*

a) Full Containment b) Repair c) Enclosure g) Clean up
d) Glovebag e) Encapsulation f) Tent
h) ✓ Other, *Specify* As per previously approved variances

29. This asbestos abatement is part of a *(Item a through e* requires filing of this form with NYC Department of Buildings)

a) Demolition b) Boiler Replacement c) ✓ Sprinkler Replacement
d) Renovation/Alteration e) Fire proofing Replacement
f) ✓ Other, *Describe* Emergency filing E2/02

30. **LOCATIONS WHERE SUBJECT ABATEMENT TAKING PLACE**

Actual Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room lobby, etc.)	AFFECTED SURFACES CONTAINING FRIABLE ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF FRIABLE ACM SQUARE FEET	AMOUNT OF FRIABLE ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Street	Excavation	Feeder pipe	0	50	ACM-CTW abatment

Attach additional sheet if necessary

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge and that the air monitor is independent of the asbestos contractor. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Testwell Laboratories, Inc.	Consolidated Edison Company of New York, Inc.	Consolidated Edison Company of New York, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant
Signature	Signature	Signature
11-JAN-2002	11-JAN-2002	11-JAN-2002
Date	Date	Date

If Applicant is not the owner:

32. Authorization of Owner: I hereby declare that I have authorized the applicant to file the Application for the work specified herein and I have independently hired the air monitor in accordance with the NYC Asbestos Control Regulations.

Consolidated Edison of New York		
Print Name of Owner	Signature	Date

NOTE: Storage, Transportation and Disposal of Asbestos Contaminated Wastes is regulated by the NYC Department of Sanitation (LL 70/85)

A validated photocopy of this form shall be kept at the worksite.

Any modification(s) of information provided on this form shall be reported immediately in writing directly to the NYC Department of Environmental Protection Asbestos Control Program 59-17 Junction Blvd., 8th Floor Corona, NY 11368-5107

THE PIECEMEAL CARRYING OUT OF AN OPERATION TO AVOID COVERAGE BY A STANDARD THAT APPLIES ONLY TO OPERATIONS OF A LARGER SIZE IS A VIOLATION

FORM ACP 7
2/94
2-02336

NYC-WTC_000146439

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RECEIVED JAN 18 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6 FACILITY
ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRU 0080 Hw02
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. 1,200.-
(See fee schedule)

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

EMERGENCY
ER 09/02

2. Address 250 South End Avenue Borough Manhattan Zip _____

AKA N/A 3. Block 16 4. Lot 7503

5. Type of Facility Apartment Building 6. Name of Building N/A

II. BUILDING OWNER

7. Name RY Management 8. Contact Person John Piastra

9. Tel. [redacted] Fax [redacted]

10. Address 1619 3rd Avenue City New York State NY Zip 10128

III. GENERAL CONTRACTOR

11. Name N/A Tel. # N/A

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Environmental Management Solutions 13. Contact Person Bob Friedl

14. Federal Employer ID. # [redacted] 15. Tel. [redacted] Fax # [redacted]

16. Address 67 Woodside Avenue City Braircliff Manor State NY Zip 10510

V. THIRD PARTY AIR MONITOR

17. Name Envirowatch 18. Contact Person Don Perez

19. Federal Employer ID. # _____ 20. Tel. # [redacted] Fax # [redacted]

21. Address 1333A North Avenue Suite 206 City New Rochelle State NY Zip 10804

22. Sample Analysis Laboratory West Lab 23. NYS DOH ELAP # 11459

VI. PROJECT INFORMATION

24. Starting date for this portion of work 1/22/02 Projected completion date 1/24/02

Asbestos work schedule ☐ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Shift from 0700 ☒ am ☐ pm to 1200 ☒ am ☐ pm

If other, specify _____

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED JAN 18 2002 DEP/BANHM ASBESTOS/LEAD PROGRAM TRUG 6

25. Total amount of asbestos-containing material to be abated during this work

9375 Square Feet, and/or _____ Linear Feet

ACP 7
2/2001

NYC-WTC_000146440

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler IESI NYS DEC Permit # NJ 462 Tel [redacted]

Disposal Site(s) IESI Pa Blue Ridge Land Fill Corp. Scotland Pa 17254

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration

e) ☐ Fireproofing Replacement f) ☒ Other (Describe) Emergency Clean-up

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☒ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☐ Full Containment ☐ Glovebag ☐ Tent ☒ DEP Variance Application

30. LOCATIONS OF ABATEMENT

Rev 0080 Mod 2

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Ground	Court Yard	Soil and Pavers	9,375		Clean up of Asbestos

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Envirowatch Print Name of Air Monitor	Environmental Management Solutions Print Name of Asbestos Contractor	Environmental Management Solutions Print Name of Applicant (If other than Owner)
Signature	Signature	Signature
1/18/02 Date	1/18/02 Date	1/18/02 Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

KY Management - John Pinska
Print Name of Owner

Signature

1/18/02
Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC 9/11 Public Portal Document

EMERGENCY
E57/03
ONLY TYPEWRITTEN FORMS WILL BE ACCEPTED

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

TRL0469M03
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1200
(See fee schedule)

PAID

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 75 Park Place Borough Manhattan Zip 10007
AKA 64-84 Murray St & 40-52 W Broadway & 253-67 Greenwich St 3. Block 127 4. Lot 18
5. Type of Facility Commercial Offices 6. Name of Building 75 Park Place

II. BUILDING OWNER

7. Name Resnick Murray Street Associates, Inc. 8. Contact Person Mr. Jonathan D. Resnick
9. Tel. # [redacted] Fax # [redacted]
10. Address 110 East 59th Street City Manhattan State NY Zip 10022

III. GENERAL CONTRACTOR

11. Name Richter & Ratner Tel. [redacted]

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name ETS Contracting, Inc. 13. Contact Person Mr. Alex Trapp
14. Federal Employer ID [redacted] 15. Tel. # [redacted] Fax [redacted]
16. Address 160 Clay Street City Brooklyn State NY Zip 11222

V. THIRD PARTY AIR MONITOR

17. Name Airtek Environmental, Inc. 18. Contact Person Mr. Ben Lewis
19. Federal Employer ID [redacted] 20. Tel. # [redacted] Fax [redacted]
21. Address 39 West 38th Street City New York State NY Zip 10018
22. Sample Analysis Laboratory Airtek Environmental 23. NYS DOH ELAP # 11040

VI. PROJECT INFORMATION

24. Starting date for this portion of work 4/21/03 Projected completion date 6/30/03

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7:00 ☑ am ☐ pm to 4:30 ☐ am ☑ pm

If other, specify

Access to inspect the premises must be provided during the work schedule indicated in this item.

25. Total amount of asbestos-containing material to be abated during this work
5,600 Square Feet, and/or 0 Linear Feet

RECEIVED
APR 11 2003
DEP
BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT
ASBESTOS CONTROL PROGRAM

ACP 7
2/2001

NYC-WTC_000146442

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Tri State Transfer Assoc. NYS DEC Permit # 1A-375 Tel: [redacted]

Disposal Site(s) BFI Imperial Landfill, 11 Boggs Road, PO Box 47, Imperial, PA 15126

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) ACM Clean-Up Only

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☑ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☐ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

*See Note

0469m/03

30. LOCATIONS OF ABATEMENT

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Ground	Entire	*ACM Debris Clean-Up	5,600		ACM Debris Clean-Up Only
* ACM	Debris Was Only	Found Via Micro-	Vacuum	Sampling	And Analysis

Note: Above areas to be abated as per World Trade Center Protocol Letter of Work Procedures For Debris Clean-Up And The Attached Method Of Proc dure

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Airtek Environmental, Inc.	ETS Contracting, Inc.	ETS Contracting, Inc.
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Signature	Signature	Signature
04-11-03	4/8/03	4/8/03
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

Resnick Murray Street Associates, Inc. — Print Name of Owner
Jack Resnick & Sons Inc., As Agent — Signature
4/9/03 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

ACP7
2/2001

NYC-WTC_000146443

NYC 9/11 Public Portal Document

EMERGENCY

ER 13/03

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

ASBESTOS PROJECT NOTIFICATION
(ASBESTOS INSPECTION REPORT)

X-LL0118HN03
Building Dept. or TRU No
FOR OFFICIAL USE ONLY

1. $1200 (See fee schedule)

DEP — ONLY A FILED NYC DEP WRITTEN FORMS WILL BE ACCEPTED JAN 22 2003 — nyc.gov/dep

Ctl. #

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signatures are required. Submittal at the NYCDEP requires one copy of the form with original signatures. This form must be submitted to the NYC DEP not less than one week in advance of the start of abatement activities.

I. FACILITY

2. Address 165 Broadway Borough Manhattan Zip 10006

AKA One Liberty Plaza 3. Block 62 4. Lot 1

5. Type of Facility Commercial Office Building 6. Name of Building Not Applicable

II. BUILDING OWNER

7. Name BFP One Liberty Plaza Co. LLC 8. Contact Person Steve Normandia

9. Tel. # [redacted] Fax # [redacted]

10. Address 1 Liberty Plaza, 6th Floor City New York State NY Zip 10006

III. GENERAL CONTRACTOR

11. Name Not Applicable Tel. #

IV. ASBESTOS ABATEMENT CONTRACTOR

12. Name Slavco Construction, Inc. 13. Contact Person Slavco Madzarov

14. Federal Employer ID. # [redacted] 15. Tel. # [redacted] Fax # [redacted]

16. Address 164 Getty Avenue City Clifton State NJ Zip 07011

V. THIRD PARTY AIR MONITOR

17. Name Engineering and Fire Investigations 18. Contact Person Mark F. Durham, CIH

19. Federal Employer ID. # [redacted] 20. Tel. # [redacted] Fax # [redacted]

21. Address 123 William Street, 15th Floor City New York State NY Zip 10038

22. Sample Analysis Laboratory EMSL Analytical, Inc. 23. NYS DOH ELAP # 11508

VI. PROJECT INFORMATION

24. Starting date for this portion of work 1/27/03 Projected completion date 5/30/03

Asbestos work schedule ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday

Shift from: 7:00 ☑ am ☐ pm to 3:30 ☐ am ☑ pm

If other, specify Not applicable

Access to inspect the premises must be provided during the work schedule indicated in this item.

RECEIVED JAN 22 2003 DEP BUREAU OF ENVIRONMENTAL REMEDIATION & ENFORCEMENT ASBESTOS CONTROL PROGRAM

25. Total amount of asbestos-containing material to be abated during this work

45,000 Square Feet, and/or 0 Linear Feet

ACP 7
2/2001

NYC 9/11 Public Portal Document

ASBESTOS INSPECTION REPORT (continued)

26. Asbestos Hauler Slavco Construction, Inc. NYS DEC Permit # NJ-601 TEL.# [redacted]

Disposal Site(s) G.R.O.W.S. Landfill, 1121 Bordentown Road, Morrisville, PA 19067

27. This asbestos abatement is part of a (Item a through e requires filing of this form with NYC Department of Buildings)

a) ☐ Demolition b) ☐ Boiler Replacement c) ☐ Sprinkler Replacement d) ☐ Renovation/Alteration
e) ☐ Fireproofing Replacement f) ☑ Other (Describe) Clean-up of WTC dust and debris

28. TYPE OF ABATEMENT (Check all appropriate boxes)

☐ Removal ☐ Enclosure ☐ Encapsulation ☐ Repair ☑ Clean up

29. ABATEMENT PROCEDURE (Check all appropriate boxes)

☑ Full Containment ☐ Glovebag ☐ Tent ☐ DEP Variance Application

30. LOCATIONS OF ABATEMENT

TRW 0118HN03

Floor(s)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc)	AFFECTED SURFACES CONTAINING ACM (e.g. Pipe lagging, ceiling, plenum ducts, storage tanks, decking, etc.)	AMOUNT OF ACM SQUARE FEET	AMOUNT OF ACM LINEAR FEET	DESCRIPTION OF WORK BEING PERFORMED (e.g. running cable, installing fire sprinklers, removing and replacing boilers, etc.)
Seventh	3 West column bays	All office surfaces	7,500	0	HEPA vac/wet wipe all surfaces
Eighth	3 West column bays	All office surfaces	7,500	0	HEPA vac/wet wipe all surfaces
Ninth	3 West column bays	All office surfaces	7,500	0	HEPA vac/wet wipe all surfaces
Tenth	3 West column bays	All office surfaces	7,500	0	HEPA vac/wet wipe all surfaces
Eleventh	3 West column bays	All office surfaces	7,500	0	HEPA vac/wet wipe all surfaces
Twelfth	3 West column bays	All office surfaces	7,500	0	HEPA vac/wet wipe all surfaces

31. I hereby declare that the information provided herein is true and complete to the best of my knowledge. I am familiar with Federal, State and NYC laws and regulations applicable to asbestos related work.

Engineering & Fire Investigations	Slavco Construction, Inc.	The Goldman Sachs Group, Inc. 8/06
Print Name of Air Monitor	Print Name of Asbestos Contractor	Print Name of Applicant (if other than Owner)
Mark Durham		
Signature	Signature	Signature
1/17/03	1/17/03	1/17/03
Date	Date	Date

32. I understand that as the owner of a building where asbestos abatement activity occurs, I am responsible for the performance of the asbestos abatement activities in accordance with the Asbestos Control Program Rules. I have contracted the third party air monitor who is completely independent of all parties involved in the asbestos project. I hereby declare that I have authorized the filing of this notification for the work specified herein.

BFP One Liberty Plaza Co. LLC — Print Name of Owner

Signature

1/17/03 — Date

A STAMPED COPY OF THIS FORM INCLUDING AMENDMENTS MUST BE AVAILABLE AT THE WORK SITE.

Any modification of information provided on this form must be reported immediately in writing directly to the NYC DEP ACP.

The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

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2/2001

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ATTACHMENT

7

NYC-WTC_00014644B

	Issue	Lead Agency/ Support Agency	Deadline	Status
Site Safety				
☐	Implement Health & Safety Plan, establish safety parameters, conduct tool box meetings, conduct ongoing site surveillance, provide field guidance)	**NYC DDC** / OSHA, NYS DOL, NYS, Bechtel, FDNY	09/25/01; 08:00	Bechtel sending 30 CSP personnel.
☑	Establish respirator fit-testing locations	**NYC DOH** / OSHA	09/21/01; 08:00	Interim location @ PS 89
☑	Provide respirator fit-testing, maintenance and use information, comprehensive technical support	**NYC DOH** / OSHA	Ongoing	Completed 9/19
☑	Designate site safety officer and support staff	**NYC DDC**	09/20/01;18:00	Completed; Bob Adams assigned as site safety officer
☐	Provide respirator wash stations	**NYC DOH** / EPA	9/22/01; 08:00	Being implemented
☐	Develop the job and site specific PPE requirements	**NYC DDC** / NYC DOH, OSHA, NIOSH	9/21/2001	Deing developed
☐	Develop and distribute a list of required PPE to all site emergency response and workers. Including posters for staging areas.	**NYC DDC** / NYC DOH, OSHA, NIOSH	9/21/01; 24:00	Being developed
☐	Install eyewash stations at each of four Sector Command Posts	**NYC DOH** / EPA, DCAS	9/20/01; 8:00 am	Should be on-site 9/21
☑	Quartermaster to determine resource needs and coordinate supply, delivery and distribution. Co-located at feeding stations/ access point	**NYC DOH** / NYS National Guard	9/17/2001	Ongoing
	HazCat			
☑	Implement. Coordinate with Lt Tim Duffy DEC, Asst Chief Cruthers FDNY and Enzo Catanzaro DEP HazMat	**NYC DEP** / NYS DEC, EPA	9/19/01	OSC Hazard Characteristic personnel on the ground 9/19/01
☐	Conduct HazCat Assessment. Coordinate analysis. Distribute results and provide information to IC, OEM, and all support agencies.	**NYC DEP** / NYS DEC, EPA, NIOSH	9/21/2001	
☐	Put in wind socks at various locations throughout disaster site.	**DDC** / DOH	9/21/2001	
	Worker Exposure			
☑	Conduct worker hazard assessment	**NYC DOH** / NIOSH	DOH on-site 9/13/01 NIOSH on-site 9/17/01	Ongoing - Daily

NYC 9/11 Public Portal Document

NYC-WTC_000146449

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Implement initial worker exposure monitoring program	**NYC DOH** / NIOSH	Implemented by NIOSH/ SCA 9/18/01	Ongoing - Daily
☐	Issue daily work site air quality update (distribute via hard copy and Internet)	**NYC DOH** / NIOSH, EPA, NYSDEC	Daily	Daily
	Occupational Medicine			
☑	Develop protocols for on-site exposure related Tetanus and HepB vaccinations	**NYC DOH** / DMAT	Completed 09/20/01	Ongoing - Daily
☐	Provide inhaled steroid for relief of cough	**FDNY** / CDC,NYCDOH	9/21/2001	Procedures being developed
☐	Conduct off-site proplalactic Tetanus and HepB vaccinations	**NYC DOH**	9/21/2001	Procedures being developed
☑	Provide tetanus and hepatitis B vaccine on-site when puncture wounds or blood exposure occurs	**NYCDOH**/ DMAT	Implemented 09/20/01	Ongoing - Daily
Sanitation				
	Water			
☑	Implement water monitoring program	**NYC DOH** / NYC DEP	Implemented 09/19/01	Report daily
☐	Establish procedure for communicating results and decision making	**NYC DOH**	9/21/2001	Ongoing - Daily
	Ambient Air			
☑	Develop community air monitoring protocol to determine air quality impacts of disaster	**NYC DOH** / NYC DEP, DEC, EPA, DEP, Port Authority, NIOSH, OSHA	Completed 9/14/01	Ongoing - Daily
☑	Implement ongoing community air monitoring program for contaminants of concern	**NYC DOH** / DEC, EPA, DEP, Port Authority, NIOSH, OSHA	Commenced 9/15/01	Ongoing - Daily
	Food			
☐	Establish full-service feeding stations at locations at ground zero perimeter	**OEM** / FDNY, NYC DOH, NYC DOS	9/21/01	Finalizing locations
☐	Control food sources to the site	**NYC DOH**	Completed 9/14/01	Ongoing - Daily
☐	Remove food vendor carts	**NYC DOS**	9/22/2001	Order being placed
☐	Install hand washing facilities at all feeding stations	**NYC DOH** / EPA, DCAS	9/20/2001	60 ordered o/s 9/20; 60 additional ordered for delivery on 9/23

NYC-WTC_00014645O

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Implement ongoing FSE inspection program	**NYC DOH** / PHS	Permanent PHS crew on site 9/19.	Ongoing - Daily
☑	Establish daily waste collection from feeding stations	**NYC DOS**	Completed 9/15/01	Ongoing - Daily
	Pest			
☑	Establish vigorous waste collection within and around work site	**NYC DOS**	9/15/2001	Ongoing - Daily
☑	Bait ground zero perimeter to prevent rodent migration into work site	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Establish surveillance within work site and exterminate as needed	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Implement Mosquito Control Plan within secure area	**NYC DOH**	9/19/2001	Ongoing - Daily
☑	Establish surveillance within work site and larvicide as needed	**NYC DOH**	Implemented 09/20/01	Ongoing - Daily
	Public Information			
	Public Health Advisories			
☐	Centralize issuance of public health advisories at DOH and coordinate releases as needed	**NYC DOH** / NYS DOH, CDC	As needed	Process and coordination in place
	Surveillance			
☑	Daily Injury/ Illness Surveillance	**NYC DOH**	Commenced 9/14	Ongoing - Daily
☐	Determine number of workers on-site (to plan service volumes)	**NYC DOH**	Commenced 9/15	Numbers received from FDNY, construction companies
☐	Site map showing sectors; actual & planned access sites, fit-testing locations, feeding stations & zones of concern.	**NYC DDC** / FDNY, OEM, EPA, NYSDEC, NIOSH, NYCDOH, Bechtel	09/21/01;18:00	
☐	Draft Emergency Plan (including evacuation procedures)	**NYC DOH** / FDNY,DDC, Bechtel	09/21/01;18:00	Being developed by Bechtel
	Washdown Stations			

NYC-WTC_00014645

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Determine capacity requirements, washdown station size, configuration and location (coordinate with stakeholders)	**NYC DOH** / NYFD, NYC MOEM	9/15/01	Capacity issue is critical. Facilities cannot constrain operation.
☑	Submit Request for Assistance	**NYC DOH**	9/16/2001	Completed
☑	Assess site configuration, access points, and personnel and equipment flow rates	**NYC DOH** / EPA,OSHA, NYSDEC	09/19/01;18:00	Flexible to meet changing resource needs
☐	Implement	**EPA Region II**	9/21/2001	Contractors hired. Must be at 100% by 1800 on 9/21

Washdown locations: Rector & West St, Southend & Liberty (Gateway Plaza), Barclay & Church, WFC Marina, Albany & Southend (Checkpoint Alpha), Albany (South of 1 Financial Plaza)

24/7 operation, DataRams, meteorological and portable eyewash stations.

NYC 9/11 Public Portal Document

NYC-WTC_000146452

NYC 9/11 Public Portal Document

Environmental Health Safety Task List **Attachment** *New York City Department of Health*

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Implement ongoing FSE inspection program	**NYC DOH / PHS**	Permanent PHS crew on site 9/19.	Ongoing - Daily
☑	Establish daily waste collection from feeding stations	**NYC DOS**	Completed 9/15/01	Ongoing - Daily
	Pest			
☑	Establish vigorous waste collection within and around work site	**NYC DOS**	9/15/2001	Ongoing - Daily
☑	Bait ground zero perimeter to prevent rodent migration into work site	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Establish surveillance within work site and exterminate as needed	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Implement Mosquito Control Plan within secure area	**NYC DOH**	9/19/2001	Ongoing - Daily
☑	Establish surveillance within work site and larvicide as	**NYC DOH**	Implemented 09/20/01	Ongoing - Daily

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NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Determine capacity requirements, washdown station size, configuration and location (coordinate with stakeholders)	**NYC DOH** / NYFD, NYC MOEM	9/15/01	Capacity issue is critical. Facilities cannot constrain operation.
☑	Submit Request for Assistance	**NYC DOH**	9/16/2001	Completed
☑	Assess site configuration, access points, and personnel and equipment flow rates	**NYC DOH** / EPA,OSHA, NYSDEC	09/19/01;18:00	Flexible to meet changing resource needs
☐	Implement	**EPA Region II**	9/21/2001	Contractors hired. Must be at 100% by 1800 on 9/21

Washdown locations: Rector & West St, Southend & Liberty (Gateway Plaza), Barclay & Church, WFC Marina, Albany & Southend (Checkpoint Alpha), Albany (South of 1 Financial Plaza)

24/7 operation, DataRams, meteorological and portable eyewash stations.

NYC-WTC_00014645

Environmental Health Safety Task List **Attachment** email revision to improve @ greater. mgt. go. New York City Department of Health

	Issue	Lead Agency/ Support Agency	Deadline	Status
Site Safety				
☑	Designate site safety officer and support staff	NYC DDC	09/20/01;18:00	Completed; Bob Adams, CIH CSP, Director EHSS
☐	Implement Health & Safety Plan, establish safety parameters, conduct tool box meetings, conduct ongoing site surveillance, provide field guidance)	NYC DDC / Bechtel, All Agencies	09/25/01; 08:00	Bechtel fully staffed 9/25
☐	Develop a list of minimum PPE that should be worn and distribute the list to all site emergency response workers. Prepare and place posters in staging areas.	NYC DDC / NYC DOH, OSHA, NIOSH	List issued 9/20/01; posters installed 9/22	Distributed at DDC Safety Officer Mtg, Environmental Health Safety cmte, all desks at EOC acceptable at
	Aggressively promote minimum PPE use in area where highest exposures may occur (i.e., Vesey, Church, Liberty, and West Streets)	NYCDOH, NYPD, NYFD, National Guard	9/23	Proposed at DDC's daily 8 am safety meeting; ~~or~~ Health Committee ~~discussion~~ 9/22
☑	Review data as regardsneed for acid gas cartridge (AG) Establish respirator fit-~~testing~~ locations	NYCDOH, NIOSH, OSHA OSHA	09/21/01; 08:00	NYCDOH and/or OSHA are currently staffing clinics at 3 WTC locations, Flushing, and SI; OSHA to assume sole operation on Monday 9/24
☒ ☐	State-of-the-art respirator support (e.g., quantitative fit-testing, training, and technical support)	OSHA	09/24/01; 08:00	Status?
☐	Provide respirator wash stations	EPA/ USCG Strike Team	9/22/01; 08:00	Three observed (at major wash stations)
☐	Develop job- and site-specific PPE requirements	NYC DDC / NYC DOH, OSHA, NIOSH	As soon as possible	Requires fuller characterization of risks at the worksite
☑	Install eyewash stations at each of four Sector Command Posts	EPA	9/20/01; 8:00 am	Installed at three locations (access denied to fourth Command Post)
☑	Quartermaster to determine resource needs and coordinate supply, delivery and distribution. Co-located at feeding stations/ access point	NYS National Guard	9/22/01; 6:00 am	Logistics command structure planned and implementation scheduled.
	HazCat			

NYPD to post posters @ checkpoints 9/23

Additional data needed regarding actual levels & probability of future sulfur exposure

DEC to provide site surveys details

NG logistics staffing addressed 9/23

Map preparation

9/22/2001 5:40 PM

NYC 9/11 Public Portal Document

NYC-WTC_000146455

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Implement. Coordinate with Lt Tim Duffy DEC, Asst Chief Cruthers FDNY and Enzo Catanzaro DEP HazMat	NYC DEP / NYS DEC, EPA	9/19/01	OSC Hazard Characteristic personnel on the ground 9/19/01
☐	Conduct HazCat Assessment. Coordinate analysis. Distribute results and provide information to IC, OEM, and all support agencies.	NYC DEP / NYS DEC, EPA, NIOSH	9/21/2001	
☐	Install wind socks at various locations throughout disaster site.	EPA/ USCG Strike Team	9/21/2001	
	Worker Exposure			
☑	Conduct worker hazard assessment	NYC DOH / NIOSH	DOH on-site 9/13/01 NIOSH on-site 9/17/01	Ongoing
☑	Implement initial worker exposure monitoring program	NIOSH	Data analysis 9/22/01 18:00; Preliminary results 9/24/01 18:00	Ongoing
☐	Issue daily work site air quality update (distribute via hard copy and Internet)	NIOSH	1st draft circulated to cmte on 9/21; asbestos summary due 9/22, and synopsis of additional data due 9/24	Critical issue
☐	Enhance referral for possible blood-borne pathogen exposure ~~Implement~~ dust supression activities	NYC DDC	Action recommended in environmental monitoring update of 9/21	~~Will notify DDC 9/22~~ For discussion @ 8a - DDC 9/23
	Occupational Medicine			
☑	Develop protocols for on-site exposure related Tetanus and ~~HepB vaccinations~~	NYC DOH / DMAT	Completed 09/20/01	Ongoing - Daily
☐	Provide inhaled steroid for relief of cough (to Long Island, F/U w/ Pt's Medical Dr's)	FDNY	9/21/2001	Available at FD staging areas
	Washdown Stations			
☐	Implement	EPA/ USCG Strike Team	9/21/2001	See EPA/ USCG Strike Team status report
☑	Determine capacity requirements, washdown station size, configuration and location (coordinate with stakeholders)	EPA/ USCG Strike Team	9/15/01	Capacity issue is critical. Facilities cannot constrain operation.
☑	Submit Request for Assistance	NYC DOH	9/16/2001	Completed

NYC 9/11 Public Portal Document

NYC-WTC_00014645

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Assess site configuration, access points, and personnel and equipment flow rates	EPA/ USCG Strike Team	09/19/01;18:00	Flexible to meet changing resource needs

NYC 9/11 Public Portal Document

NYC-WTC_000146457

	Issue	Lead Agency/ Support Agency	Deadline	Status
Sanitation				
	Water			
☑	Implement water monitoring program	**NYC DEP/ NYSDOH, NYCDOH**	Implemented 09/19/01	Ongoing
☐	Establish procedure for communicating results and decision making	**DEP**	**ASAP**	Need daily status report. **Critical issue.**
	Ambient Air			
☑	Develop community air monitoring protocol to determine air quality impacts of disaster	**NYC DOH / NYC DEP, DEC, EPA, DEP, Port Authority, NIOSH, OSHA**	Completed 9/14/01	Ongoing - Daily
☑	Implement ongoing community air monitoring program for contaminants of concern	**NYC DOH / DEC, EPA, DEP, Port Authority, NIOSH, OSHA**	Commenced 9/15/01	Ongoing - Daily
☐	Establish procedure for communicating results and decision making	**EPA/ USCG Strike Team**	**ASAP**	Need daily status report. **Critical issue.**
	Food			
☐	Establish full-service feeding stations at locations at ground zero perimeter	**OEM / FDNY, NYC DOH, NYC DOS**	9/21/01	Finalizing locations
☐	Control food sources at the site	**NYC DOH, NYSDOH**	9/14/2001	Ongoing
☐	Remove food vendor carts	**NYC DOS**	9/22/2001	Requested 9/20/01
☐	Install hand washing facilities at all feeding stations	**EPA/ USCG Strike Team**	9/20/2001	60 ordered o/s 9/20; 60 additional ordered for delivery on 9/23
☑	Implement ongoing FSE inspection program	**NYC DOH, NYSDOH**	16 sanitarians (NYS and local DOHs) onsite since 9/20	Ongoing - Daily
☑	Establish daily waste collection from feeding stations	**NYC DOS**	Completed 9/15/01	Ongoing - Daily
☐	Clean spoiled food from 362 licensed and closed restaurants within Secure Area.	**NYC DOH, DOS**	Operation cleanup 9/24/01; 0900	One team implemented 9/18/01; Operation Cleanup planned.

Asbestos levels greater than 0.01 reported from Battery Park City

EPA / NYC DEP Reported 9/22

HEPA vacuuming underway, expected completion 9/23

9/22/20015:49 PM

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NYC-WTC_00014645B

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
	Pest			
☑	Establish vigorous waste collection within and around work site	**NYC DOS**	9/15/2001	Ongoing - Daily
☑	Bait perimeter of ground zero to prevent rodent migration into work site	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Establish surveillance within work site and exterminate as needed	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Implement Mosquito Control Plan within secure area	**NYC DOH**	9/19/2001	Ongoing - Daily
☑	Establish surveillance within work site and larvicide as needed	**NYC DOH**	Implemented 09/20/01	Ongoing - Daily
Public Information				
	Public Health Advisories			
☐	Centralize issuance of public health advisories at DOH and coordinate releases as needed	**NYC DOH / NYS DOH, CDC**	As needed	Process and coordination in place
	Surveillance			
☑	Daily Injury/ Illness Surveillance	**NYC DOH**	Commenced 9/14	Ongoing - Daily
☐	Determine number of workers on-site (to plan service volumes)	**NYC DOH**	Commenced 9/15	Numbers received from FDNY, construction companies
☐	Site map showing sectors; actual & planned access sites, fit-testing locations, feeding stations & zones of concern.	**NYC DDC / FDNY, OEM, EPA, NYSDEC, NIOSH, NYCDOH, Bechtel**	09/21/01;18:00	
☐	Draft Emergency Plan (including evacuation procedures)	**NYC DOH / FDNY,DDC, Bechtel**	09/21/01;18:00	Being developed by Bechtel

NYC-WTC_000146459

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
Site Safety				
☑	Designate site safety officer and support staff	**NYC DDC**	09/20/01;18:00	Completed; Bob Adams, CIH CSP, Director EHSS
☐	Implement Health & Safety Plan, establish safety parameters, conduct tool box meetings, conduct ongoing site surveillance, provide field guidance)	**NYC DDC / Bechtel, All Agencies**	09/25/01; 08:00	Bechtel fully staffed 9/25
☐	Develop a list of minimum PPE that should be worn and distribute the list to all site emergency response workers. Prepare and place posters in staging areas.	**NYC DDC / NYC DOH, OSHA, NIOSH**	List issued 9/20/01; posters installed 9/22	Distributed at DDC Safety Officer Mtg, Environmental Health Safety cmte, all desks at EOC
☐	Aggressively promote minimum PPE use in areas where highest exposures may occur (I.e. Vessey, Church, Liberty and West Streets)	**NYCDOH, NYPD, FDNY, National Guard**	09/23/01	Proposed at DDC 08:00 safety meeting accepted at Health Committee 09/22/01;NYPD to place posters at checkpoints beginning 09/23/01.
☐	Review data as regards need for acid gas AG cartridge	**NYCDOH, NIOSH, OSHA**		Additional data needed regarding actual levels and/or probability of future occurrence.
☑	Establish respirator fit-checking locations	**OSHA**	09/21/01; 08:00	NYCDOH and/or OSHA are currently staffing clinics at 3 WTC locations, Flushing, and SI; OSHA to assume sole operation on
☑	State-of-the-art respirator support (e.g., quantitative fit-testing, training, and technical support)	**OSHA**	09/24/01; 08:00	Status?
☐	Provide respirator wash stations	**EPA/ USCG Strike Team**	9/22/01; 08:00	Three observed (at major wash stations)
☐	Develop job- and site-specific PPE requirements	**NYC DDC / NYC DOH, OSHA, NIOSH**	As soon as possible	Requires fuller characterization of risks at the worksite
☑	Install eyewash stations at each of four Sector Command Posts	**EPA**	9/20/01; 8:00 am	Installed at three locations (access denied to fourth Command Post)
☐	Site map needed showing eye wash, toilet, food service and truck wash down sites.	**NYSDCE**	Locations noted 09/22/01	Map preparation requested 09/22/01
☑	Quartermaster to determine resource needs and coordinate supply, delivery and distribution. Co-located at feeding stations/ access point	**NYS National Guard**	9/22/01; 6:00 am	Logistics command structure planned and implementation scheduled. NG logistics additional staffing;09/23/01
	HazCat			
☑	Implement. Coordinate with Lt Tim Duffy DEC, Asst Chief Cruthers FDNY and Enzo Catanzaro DEP HazMat	**NYC DEP / NYS DEC, EPA**	9/19/01	OSC Hazard Characteristic personnel on the ground 9/19/01
☐	Conduct HazCat Assessment. Coordinate analysis. Distribute results and provide information to IC, OEM, and all support agencies.	**NYC DEP / NYS DEC, EPA, NIOSH**	9/21/2001	
☐	Install wind socks at various locations throughout disaster site.	**EPA/ USCG Strike Team**	9/21/2001	

NYC-WTC_000146460

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
	Worker Exposure			
☑	Conduct worker hazard assessment	**NYC DOH / NIOSH**	DOH on-site 9/13/01 NIOSH on-site 9/17/01	Ongoing
☑	Implement initial worker exposure monitoring program	**NIOSH**	Data analysis 9/22/01 18:00; Preliminary results 9/24/01 18:00	Ongoing
☐	Issue daily work site air quality update (distribute via hard copy and Internet)	**NIOSH**	1st draft circulated to cmte on 9/21; asbestos summary due 9/22, and synopsis of additional data due 9/24	**Critical issue**
☐	Enhance dust suppression activities	**NYC DDC**	Action recommended in environmental monitoring update of 9/21	For discussion @ 08:00 DDC; 09/23/01
	Occupational Medicine			
☑	Develop protocols for on-site exposure related to Tetanus and referra for possible blood-borne pathogen exposure.	**NYC DOH / DMAT**	Completed 09/20/01	Ongoing - Daily
☐	Provide inhaled steroid for relief of cough under medical supervision	**FDNY**	9/21/2001	Available at FD staging areas
	Washdown Stations			
☐	Implement	**EPA/ USCG Strike Team**	9/21/2001	See EPA/ USCG Strike Team status report
☑	Determine capacity requirements, washdown station size, configuration and location (coordinate with stakeholders)	**EPA/ USCG Strike Team**	9/15/01	Capacity issue is critical. Facilities cannot constrain operation.
☑	Submit Request for Assistance	**NYC DOH**	9/16/2001	Completed
☑	Assess site configuration, access points, and personnel and equipment flow rates	**EPA/ USCG Strike Team**	09/19/01;18:00	Flexible to meet changing resource needs

NYC-WTC_000146461

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
Sanitation				
	Water			
☑	Implement water monitoring program	**NYC DEP/ NYSDOH, NYCDOH**	Implemented 09/19/01	Ongoing
☐	Establish procedure for communicating results and decision making	**DEP**	**ASAP**	Need daily status report. **Critical issue.**
	Ambient Air			
☑	Develop community air monitoring protocol to determine air quality impacts of disaster	**NYC DOH** / NYC DEP, DEC, EPA, DEP, Port Authority, NIOSH, OSHA	Completed 9/14/01	Ongoing - Daily
☑	Implement ongoing community air monitoring program for contaminants of concern	**NYC DOH** / DEC, EPA, DEP, Port Authority, NIOSH, OSHA	Commenced 9/15/01	Ongoing - Daily
☐	Asbestos levels greater than 0.01 reported by EPA from Battery Park City.	EPA/NYCDEP	Reported 09/22/01	HEPA vacuuming underway, expected completion 09/23/01.
☐	Establish procedure for communicating results and decision making	**EPA/ USCG Strike Team**	**ASAP**	Need daily status report. **Critical issue.**
	Food			
☐	Establish full-service feeding stations at locations at ground zero perimeter	**OEM** / FDNY, NYC DOH, NYC DOS	9/21/01	Finalizing locations
☐	Control food sources at the site	**NYC DOH, NYSDOH**	9/14/2001	Ongoing
☐	Remove food vendor carts	**NYC DOS**	9/22/2001	Requested 9/20/01
☐	Install hand washing facilities at all feeding stations	**EPA/ USCG Strike Team**	9/20/2001	60 ordered o/s 9/20; 60 additional ordered for delivery on 9/23
☑	Implement ongoing FSE inspection program	**NYC DOH, NYSDOH**	16 sanitarians (NYS and local DOHs) onsite since 9/20	Ongoing - Daily
☑	Establish daily waste collection from feeding stations	**NYC DOS**	Completed 9/15/01	Ongoing - Daily
☐	Clean spoiled food from 362 licensed and closed restaurants within Secure Area.	**NYC DOH, DOS**	Operation cleanup 9/24/01; 0900	One team implemented 9/18/01; Operation Cleanup planned.
	Pest			
☑	Establish vigorous waste collection within and around work site	**NYC DOS**	9/15/2001	Ongoing - Daily
☑	Bait perimeter of ground zero to prevent rodent migration into work site	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Establish surveillance within work site and exterminate as needed	**NYC DOH**	Implemented 9/18/01	Ongoing - Daily
☑	Implement Mosquito Control Plan within secure area	**NYC DOH**	9/19/2001	Ongoing - Daily
☑	Establish surveillance within work site and larvicide as needed	**NYC DOH**	Implemented 09/20/01	Ongoing - Daily
Public Information				
	Public Health Advisories			
☐	Centralize issuance of public health advisories at DOH and coordinate releases as needed	**NYC DOH** / NYS DOH, CDC	As needed	Process and coordination in place

NYC-WTC_00014646

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
	Surveillance			
☑	Daily Injury/ Illness Surveillance	**NYC DOH**	Commenced 9/14	Ongoing - Daily
☐	Determine number of workers on-site (to plan service volumes)	**NYC DOH**	Commenced 9/15	Numbers received from FDNY, construction companies
☐	Site map showing sectors; actual & planned access sites, fit-testing locations, feeding stations & zones of concern.	**NYC DDC** / FDNY, OEM, EPA, NYSDEC, NIOSH, NYCDOH, Bechtel	09/21/01;18:00	
☐	Draft Emergency Plan (including evacuation procedures)	**NYC DOH** / FDNY, DDC, Bechtel	09/21/01;18:00	Being developed by Bechtel

NYC-WTC_000146463

	Issue	Lead Agency/ Support Agency	Deadline	Status
Site Safety				
☐	Implement Health & Safety Plan, establish safety parameters, conduct tool box meetings, conduct ongoing site surveillance, provide field guidance)	**NYC DDC** / OSHA, NYS DOL, NYS		Implementation status unknown.
☐	Establish respirator fit-testing locations	**NYC DOH** / OSHA		Interim location @ PS 89
☐	Provide respirator fit-testing, maintenance and use information, comprehensive technical support	**NYC DOH** / OSHA		43 personnel requested 9/19/2001
☐	Designate site safety officer and support staff	**NYC DDC**		
☐	Provide respirator wash stations	**NYC DOH** / EPA	9/22 8:00 a.m.	
☐	Develop and distribute a list of required PPE to all site emergency response and workers. Including posters for staging areas.	**NYC DDC** / NYC DOH, OSHA, NIOSH	9/21 12:00 p.m.	
☐	Develop the job and site specific PPE requirements	**NYC DDC** / NYC DOH, OSHA, NIOSH	Following completion of HazCat Assessment	
☐	Quartermaster to determine resource needs and coordinate supply, delivery and distribution. Co-located at feeding stations/ access point	**NYC DOH** / NYS National Guard		Implemented 9/17/2001
	HazCat			
☑	Implement. Coordinate with Lt Tim Duffy DEC, Asst Chief Cruthers NYPD and Enzo Catanzaro DEP HazMat	**NYC DEP** / NYS DEC, EPA		OSC Hazard Characteristic personnel on the ground 9/19/01
☐	Conduct HazCat Assessment	**NYC DEP** / NYS DEC, EPA		
☐	Coordinate Analysis	**NYC DEP** / NYS DEC, EPA		
☐	Distribute results and provide information to IC, OEM, and all support agencies	**NYC DEP** / NYS DEC, EPA		
	Worker Exposure			
☑	Conduct worker hazard assessment	**NYC DOH** / NIOSH		DOH on-site 9/13. NIOSH on-site 9/17.
☑	Implement initial worker exposure monitoring program	**NYC DOH** / NIOSH		Implemented by NIOSH/ SCA 9/18/01

NYC 9/11 Public Portal Document

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NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
☐	Issue daily work site air quality update (distribute via hard copy and Internet)	NYC DOH / NIOSH		
	Occupational Medicine			
☑	Provide tetanus and hepatitis B vaccine on-site when puncture wounds or blood exposure occurs	NYCDOH/ DMAT		Implemented 9/20/01
	Sanitation			
	Water			
☑	Implement water monitoring program	DEP/ NYS DOH		Ongoing
☐	Establish procedure for communicating results and decision making			
	Wastewater			
☑	Request for Assistance	DEP		Submitted 9/18/01
☐	Implement ongoing outfall surveillance	through FEMA		
	Ambient Air			
☑	Develop community air monitoring protocol to determine air quality impacts of disaster	DOH/ DEC, EPA, DEP, Port Authority		Complete 9/14
☑	Implement ongoing community air monitoring program for contaminants of concern	DOH/ DEC, EPA, DEP, Port Authority		Commenced 9/15
	Food			
☐	Establish full-service feeding stations at locations at ground zero perimeter			
☐	Control food sources to the site			
☐	Install hand washing facilities at all feeding stations	EPA/ DCAS		
☑	Implement ongoing FSE inspection program	DOH		PHS sweeps ongoing. Permanent PHS crew on site 9/19.
☑	Establish daily waste collection from feeding stations	DOS		Ongoing
	Pest			

NYC-WTC_000146465

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Establish vigorous waste collection within and around work site	DOS		Ongoing
☑	Bait ground zero perimeter to prevent rodent migration into work site	DOH		Implemented 9/18/01
☑	Establish surveillance within work site and exterminate as needed	DOH		Implemented 9/18/01
☐	Establish surveillance within work site and larvicide as needed	DOH		
☐	Implement Mosquito Control Plan within secure area	DOH		

Public Information

Public Health Advisories

☐	Centralize issuance of public health advisories at DOH.			
☐	Coordination (identify need, initiate discussion, complete research, conduct brief interagency review)			
☐	Issuance and distribution			

Surveillance

☑	Daily Injury/ Illness Surveillance	DOH		Commenced 9/14
☐	Determine number of workers on-site (to plan service volumes)	DOH		Numbers received from FDNY, construction companies
☐	Site map showing sectors; actual & planned access sites, fit-testing locations, feeding stations & zones of concern.	OEM(?)		
☐	Draft Emergency Plan (including evacuation procedures)			

Washdown Stations

☑	Assess site configuration, access points, and personnel and equipment flow rates	DEC, USCG Strike Force		Clean Harbors (?)

NYC-WTC_000146466

NYC 9/11 Public Portal Document

	Issue	Lead Agency/ Support Agency	Deadline	Status
☑	Determine washdown station size, configuration and location (coordinate with stakeholders)	DOH		Capacity issue is critical. Facilities cannot constrain operation.
☑	Determine resource needs	DEC, USCG Strike Force		
☐	Resources available?			
☑	Submit Request for Assistance	DOH		Submitted 9/15/01
☐	Implement	EPA Region II		Implementation status unclear.

Washdown locations: Rector & West St, Southend & Liberty (Gateway Plaza), Barclay & Church, WFC Marina, Albany & Southend (Checkpoint Alpha), Albany (South of 1 Financial Plaza)

24/7 operation, DataRams, meteorological and portable eyewash stations.

☐	Install eyewash stations at each of four Sector Command Posts	EPA/ DCAS		
☑	On-site exposure related Tetanus & HepB Vaccinations	DOH / DMAT		Complete 9/20
☐	Conduct off-site prophalactic Tetanus & HepB Vaccinations	**NYC DOH /**		
☐	Inhaled steroid for symptonic relief of cough	**FDNY/ CDC**		

Environmental Health Safety Task List **Attachment** *New York City Department of Health*

	Issue	Lead Agency/ Support Agency	Status
Site Safety			
☐	Implement Health & Safety Plan, establish safety parameters, conduct tool box meetings, conduct ongoing site surveillance, provide field guidance)	NYC DDC	Implementation status unknown.
	HazCat		
☑	Implement. Coordinate with Lt Tim Duffy DEC, Asst Chief Cruthers NYPD and Enzo Catanzaro DEP HazMat	DEP HazMat/ DEC, EPA	OSC Hazard Characteristic personnel on the ground 9/19/01
Environment			
	Industrial Hygiene		
☐	Quartermaster to determine resource needs and coordinate supply, delivery and distribution	National Guard	Implemented 9/17/2001
	Co-located at feeding stations/ access points		*Contact: Major BJ Marshall AFNG (516)287-5028*
☐	Establish respirator fit-testing locations	OEM/ OSHA	Interim location @ PS 89
☐	Provide respirator fit-testing, maintenance and use information, comprehensive technical support	OSHA	43 personnel requested 9/19/2001
☐	Provide respirator wash stations		
	Worker Exposure		
☑	Implement initial worker exposure monitoring program	NIOSH/ DOH	Implemented by NIOSH/ SCA 9/18/01
☐	Implement ongoing worker exposure monitoring program	NIOSH/ DOH	Following initial exposure assessment
☐	Issue daily work site air quality update (distribute via hard copy and Internet)	NIOSH/ DOH	
Sanitation			
	Water		
☑	Implement water monitoring program	DEP/ NYS DOH	Ongoing
☐	Establish procedure for communicating results and decision making		
	Wastewater		
☐	Implement ongoing outfall surveillance	through FEMA	
☐	Issue Public Health Advisory (distribute via hard copy and Internet) and frequent updates.		
	Ambient Air		
☑	Implement ongoing community air monitoring program for contaminants of concern	DOH/ DEC, EPA, DEP, Port Authority	Commenced 9/15
☐	Issue Public Health Advisory (distribute via hard copy and Internet) and frequent updates.		
	Food		
☐	Establish full-service feeding stations at locations at ground zero perimeter		
☐	Control food sources to the site		
☐	Limit food distribution in and around ground zero		
☐	Install hand washing facilities at all feeding stations	EPA/ DCAS	
	Pest		

Environmental Health Safety Task List **Attachment** *New York City Department of Health*

	Issue	Lead Agency/ Support Agency	Status
☑	Establish vigorous waste collection within and around work site	DOS	Ongoing
☑	Bait ground zero perimeter to prevent rodent migration into work site	DOH	Implemented 9/18/01
☑	Establish surveillance within work site and exterminate as needed	DOH	Implemented 9/18/01
	Vector		
☐	Educate site personnel on standing water issues	DOH	
☐	Establish surveillance within work site and larvicide as needed	DOH	
☐	Implement Mosquito Control Plan within secure area	DOH	

Public Information

Public Health Advisories

☐	Centralize issuance of public health advisories at DOH.		
☐	Coordination (identify need, initiate discussion, complete research, conduct brief interagency review)		
☐	Issuance and distribution		
	Surveillance		
☑	Daily Injury/ Illness Surveillance	DOH	Commenced 9/14
☐	Determine number of workers on-site (to plan service volumes)	DOH	Numbers received from FDNY, construction companies
☐	Site map showing sectors; actual & planned access sites, fit-testing locations, feeding stations & zones of concern.	OEM(?)	
☐	Draft Emergency Plan (including evacuation procedures)		
	Washdown		
☑	Assess site configuration, access points, and personnel and equipment flow rates	DEC, USCG Strike Force	Clean Harbors (?)
☑	Determine washdown station size, configuration and location (coordinate with stakeholders)	DOH	Capacity issue is critical. Facilities cannot constrain operation.
☐	Implement	EPA Region II	Implementation status unclear.
	Personnel sanitation		
☐	Install portable toilet facilities at street corners throughout restricted area	DCAS	
☐	Install handwashing facilities at all portable toilet facilities	DCAS	60 two-basin wash stations arrive 9/20/01
☐	Install eyewash stations at each of four Sector Command Posts	EPA/ DCAS	
☐	Establish daily servicing of all toilet facilities	DCAS	

Environmental Health Safety Task List **Attachment** *New York City Department of Health*

	Issue	Lead Agency/ Support Agency	Status
Site Safety			
☐	Implement Health & Safety Plan, establish safety parameters, conduct tool box meetings, conduct ongoing site surveillance, provide field guidance)	NYC DDC	Implementation status unknown.
	HazCat		
☑	Implement. Coordinate with Lt Tim Duffy DEC, Asst Chief Cruthers NYPD and Enzo Catanzaro DEP HazMat	DEP HazMat/ DEC, EPA	OSC Hazard Characteristic personnel on the ground 9/19/01
Environment			
	Industrial Hygiene		
☐	Quartermaster to determine resource needs and coordinate supply, delivery and distribution	National Guard	Implemented 9/17/2001
	Co-located at feeding stations/ access points		*Contact: Major BJ Marshall AFNG (516)287-5028*
☐	Establish respirator fit-testing locations	OEM/ OSHA	Interim location @ PS 89
☐	Provide respirator fit-testing, maintenance and use information, comprehensive technical support	OSHA	43 personnel requested 9/19/2001
☐	Provide respirator wash stations		
	Worker Exposure		
☑	Implement initial worker exposure monitoring program	NIOSH/ DOH	Implemented by NIOSH/ SCA 9/18/01
☐	Implement ongoing worker exposure monitoring program	NIOSH/ DOH	Following initial exposure assessment
☐	Issue daily work site air quality update (distribute via hard copy and Internet)	NIOSH/ DOH	
Sanitation			
	Water		
☑	Implement water monitoring program	DEP/ NYS DOH	Ongoing
☐	Establish procedure for communicating results and decision making		
	Wastewater		
☐	Implement ongoing outfall surveillance	through FEMA	
☐	Issue Public Health Advisory (distribute via hard copy and Internet) and frequent updates.		
	Ambient Air		
☑	Implement ongoing community air monitoring program for contaminants of concern	DOH/ DEC, EPA, DEP, Port Authority	Commenced 9/15
☐	Issue Public Health Advisory (distribute via hard copy and Internet) and frequent updates.		
	Food		
☐	Establish full-service feeding stations at locations at ground zero perimeter		
☐	Control food sources to the site		
☐	Limit food distribution in and around ground zero		
☐	Install hand washing facilities at all feeding stations	EPA/ DCAS	
	Pest		

Environmental Health Safety Task List **Attachment** *New York City Department of Health*

	Issue	Lead Agency/ Support Agency	Status
☑	Establish vigorous waste collection within and around work site	DOS	Ongoing
☑	Bait ground zero perimeter to prevent rodent migration into work site	DOH	Implemented 9/18/01
☑	Establish surveillance within work site and exterminate as needed	DOH	Implemented 9/18/01
	Vector		
☐	Educate site personnel on standing water issues	DOH	
☐	Establish surveillance within work site and larvicide as needed	DOH	
☐	Implement Mosquito Control Plan within secure area	DOH	

Public Information

Public Health Advisories

☐	Centralize issuance of public health advisories at DOH.		
☐	Coordination (identify need, initiate discussion, complete research, conduct brief interagency review)		
☐	Issuance and distribution		

Surveillance

☑	Daily Injury/ Illness Surveillance	DOH	Commenced 9/14
☐	Determine number of workers on-site (to plan service volumes)	DOH	Numbers received from FDNY, construction companies
☐	Site map showing sectors; actual & planned access sites, fit-testing locations, feeding stations & zones of concern.	OEM(?)	
☐	Draft Emergency Plan (including evacuation procedures)		

Washdown

☑	Assess site configuration, access points, and personnel and equipment flow rates	DEC, USCG Strike Force	Clean Harbors (?)
☑	Determine washdown station size, configuration and location (coordinate with stakeholders)	DOH	Capacity issue is critical. Facilities cannot constrain operation.
☐	Implement	EPA Region II	Implementation status unclear.

Personnel sanitation

☐	Install portable toilet facilities at street corners throughout restricted area	DCAS	
☐	Install handwashing facilities at all portable toilet facilities	DCAS	60 two-basin wash stations arrive 9/20/01
☐	Install eyewash stations at each of four Sector Command Posts	EPA/ DCAS	
☐	Establish daily servicing of all toilet facilities	DCAS	

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EPA Region 2 World Trade Center Emergency Response Activities to Date
September 18, 2001

Since the day of the World Trade Center disaster, EPA Emergency Response personnel have worked closely with state and local officials as well as other federal agencies to ensure the safety of rescue workers and surrounding population. EPA has assisted numerous financial firms in gaining access to their buildings and returning to operation.

The activities include:

- **Continuous air monitoring:** EPA has set up ten continuous air monitors in and around "ground zero," and is testing samples for the presence of asbestos, VOCs, lead and dioxin. The majority of sample results thus far indicate that asbestos levels are below levels of concern. The highest levels came from a monitor located one-half block from ground zero, demonstrating the need for rescuers to wear appropriate protective gear. We are awaiting other results.

- **Outdoor air sampling:** Before establishing the continuous air monitoring stations, EPA took daily air samples from a number of locations in lower Manhattan, as well as in western Brooklyn and Liberty State Park in New Jersey. 50 air samples were taken, a vast majority again showing levels of asbestos and other chemicals below EPA's threshold of concern. In fact, in most cases, asbestos was not detected.

- **Indoor air sampling:** EPA took 13 samples of indoor air in two federal buildings last week, and again all samples showed asbestos levels that were well below levels of concern. These buildings are likely to be good indicators of asbestos levels in sound buildings in the area of the disaster. EPA also reviewed data from an environmental company hired by the New York Stock Exchange to inspect its building prior to the reopening on Monday, Sept. 17. Data from the Stock Exchange also showed no levels of concern.

- **Dust Sampling:** EPA has taken 62 samples of dust in and around ground zero, including in the financial district. Most of these samples were below EPA's definition of asbestos containing material (1% asbestos). Where samples were shown to have greater than 1% asbestos - numbers ranged from 1.1 to 4.5% – EPA has vacuumed up the dust using special trucks and has re-sampled.

- **Vacuum Trucks:** EPA has been operating 10 SUPERVAC HEPA vacuum trucks to help the city cleanup the streets in the financial district, clean lobbies of federal buildings, and to assist where needed.

- **Drinking Water Sampling:** EPA and the city split samples taken from 13 routine drinking water sampling points in water mains in lower manhattan. Most of the analysis is not yet completed on these samples, but there were no detectable levels of asbestos.

- **Hudson River Sampling:** EPA took a sample at the site of a storm drain near "ground zero" during a rain storm to determine the level of contaminants in water running off the site into the Hudson River. Results are expected this week.

- **TAGA Unit:** EPA is using its sophisticated mobile air monitoring unit to take samples of air and test for air toxics. None of the six samples taken indicated levels of concern.

- **Wastewater Treatment Plant:** EPA took several samples from the Newtown Creek Sewage Treatment Plant, which is the recipient of storm water from lower Manhattan. Results are expected later this week.

* collecting, analyzing and distributing sampling data from all city, state and federal agencies
* establishing cleaning stations for workers when they leave

NYC-WTC_000146472

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Press information
Sunday, September 17

Most Recent Results (as of 3:30pm 9/17):

Air samples taken from 10 permanent air monitors in and around ground zero were, for the most part, below background levels. One sample, taken within the hot zone, accessed only by response workers, was above EPA's background level of seventy structures per square meter. While the level was not considered high, EPA continues to advise personal protective equipment for the emergency response workers.

Five dust samples were taken from the restricted area south of ground zero. One sample has already been analyzed for asbestos content and showed an asbestos content greater than 1% (2.1%), which is the definition commonly used to define asbestos containing material. The four remaining samples will be analyzed for asbestos, VOCs, lead and dioxin later with results expected later this wee. EPA is coordinating with the city to resample and vacuum areas where samples contain greater than 1% asbestos.

EPA and the NYC DEP sampled drinking water at 13 distribution points in lower Manhattan on September 15. Typically, sampling is done at the water main distribution points and not at the tap. The majority of the results are not yet available (see below). However, there were no detectable levels of asbestos in any of the drinking water samples.

Pending Results:

EPA's TAGA unit, a sophisticated mobile sampler has been used in the area near ground zero to take air samples throughout the area and analyze for VOCs, and freon. None of the results from the six sampling locations indicate any levels of concern.

On Saturday, September 15, EPA took a sample of the Hudson River just off Vesey Street at a storm drain that carried runoff from the ground zero site during Friday's rain. This sample is being analyzed for a number of contaminants, including metals, PCBs, Dioxin, polybrominated biphenyls (PBB's) and asbestos. Results are expected early next week (week of 9/17).

EPA and the city jointly sampled the drinking water distribution system below 14th Street. These samples were taken at routine sampling sites and will be analyzed for normal drinking water parameters - both chemical and biological. The city DEP split the samples with EPA for their own analysis. Asbestos results are in (above). Other results are expected this week (week of 9/17)

EPA took samples at three locations at Newtown Creek Wastewater Treatment Plant, which is the recipient of wastewater from lower Manhattan. The samples will be analyzed for a number of contaminants including all those tested for in the Hudson (see above) with the exception of PPBs. Also, the samples are being analyzed for total suspended solids and biochemical oxygen demand, which are common indicators of how well a waste water treatment plant is operating. Samples will also be analyzed for asbestos. Results are expected later this week (week of 9/17).

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EPA took samples of sediment to be dredged from the Hudson where barges will come in and carry away debris. Samples will be tested for toxicity, metals, pesticides, PCBs, PAHs, BTX and dioxins. Results will come in over the next 6 weeks. However, dredging at the lower Manhattan site and disposal at the Newark Bay Pit will be allowed immediately because the Pit is for material that fails ocean dumping criteria and cannot go to land facilities without treatment.

Ongoing activity:

EPA has supplied HEPA filter SUPERVAC vacuum trucks. These trucks were used to vacuum the lobbies of federal buildings and to clean the financial district. Dust and other materials vacuumed will be kept in air tight containers and disposed of properly. They will be available to address other areas, as needed.

EPA has now established 10 permanent air monitoring stations in and around ground zero, including in the financial district. These monitors are taking samples in 12 hour intervals that are being tested for asbestos and other contaminants.

The city will be sampling from several water tanks located on the top of buildings. They have requested that we analyze these samples for U235, asbestos and PCBs.

EPA is continuing collecting dust samples from the area.

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NYC-WTC_00014647

Agency	Name	Phone Number	Cell Number	Fax Number	email
Bechtel	Stew Burkhammer/Tim Dowd	301-536-3422	301-908-2869		sburkham@bechtel.com; tdowd@bechtel.co
DDC	Robert Adams	917-939-6744			wtcsafety2001@hotmail.com
DEP	Paul Bennett	646-756-3098	917-769-1282		dep@oem.nyc.gov
DOH	Kelly McKinney	646-756-3063	917-731-5593	212-259-9820	doheocdesk@yahoo.com
DOH	Jim Miller, MD	646-756-3063		212-259-9820	doheocdesk@yahoo.com
DOS	Al Rahner	646-235-3040			
EPA	Steve Touw	646-756-3057/3058	516-287-5034	212-259-9820	
FDNY	Tennyson Healey	718-999-2927		718-999-2613	
FDNY	Neal Richmond, MD	718-999-2665	347-386-8658	718-999-0142	
FDNY/Safety	Albert Turie	718-999-2245			
FEMA	Sandy Gross	646-756-1172	202-549-8447		
FEMA Auditor	Steve Sherman	202-297-6776			
FEMA Environmental	Garry Hegg	646-756-1508			
NIOSH	Eric Esswein	303-236-5946	303-809-5676	303-236-6072	eje1@cdc.gov
NY Air National Guard	Major Robert Porr	646-756-3037	516-287-5028		
NYPD-OSHU	Amir Rasheed	212-477-8440/1	347-231-0439	212-477-8447	oshunit@nypd.org
NYS DEC Police	Captain T Ravella	203-627-9302	917-836-7576		
NYS DOL	Maureen Cox	518-457-1263	518-225-6931	518-457-5545	
OSHA	Philip Peist	646-756-3051	212-337-2378		philip.peist@osha.gov
Port Authority	Phil Taylor	973-417-4205			
US Public Health Service	CDR. Tom Mignone		917-882-8726		tmignone@osophs.dhhs.gov
OEM	Sam Benson	917-709-6354			sbenson@oem.nyc.gov
COSH	Sylvia Price	212-380-8828			spryce@dcas.nyc.gov
PHS	Col. Bob Gum	917-849-5905	678-640-8239		rgum@cdc.gov

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THE CITY OF NEW YORK
DEPARTMENT OF HEALTH
OFFICE OF THE COMMISSIONER

125 WORTH STREET
NEW YORK, NY 10013

ORDER OF THE COMMISSIONER OF HEALTH

NEAL L. COHEN, M.D.
COMMISSIONER
TEL (212) 788-5261
FAX (212) 964-0472

WHEREAS, substantial numbers of persons and vehicles, including, but not limited to, construction and demolition contractors and workers, and relief facility operators, have been engaged in continuous, essential emergency operations to search for and recover victims of the September 11, 2001 World Trade Center disaster ("WTC"), and to remove debris from such site; and

WHEREAS, a 25 foot perimeter has been established, in various locations identified by a green line, surrounding and demarcating an area of rubble and debris which is known to contain certain hazardous materials, including, but not limited to, asbestos; and

WHEREAS, individuals and vehicles which enter within the 25 foot perimeter and/or green line at the WTC site may be carrying debris cargo and accumulated adherent particles of such hazardous materials; and

WHEREAS, such individuals and vehicles, upon departure from the WTC site, may transport and deposit particles of hazardous materials outside the WTC site, exposing members of the public to the hazardous materials and thereby endangering their health and safety; and

WHEREAS, §17-142 of the Administrative Code of the City of New York ("Administrative Code") defines "nuisance," in pertinent part, as "anything that may be dangerous to life or detrimental to health," and

WHEREAS, New York City Health Code ("Health Code") §3.09 states, in pertinent part, that "no person shall do or assist in any act which is or may be detrimental to the public health, ... [and] [N]no person shall fail to do any reasonable act or take any necessary precaution to protect human life and health; and

WHEREAS, Health Code §3.11 further provides that "No person shall commit or maintain a nuisance ... [or] allow such a nuisance to exist or to be created in respect of any matter, thing, chattel or premises which he owns or controls;" and

WHEREAS, I find that persons who fail to take appropriate measures to clean themselves and equipment and vehicles under their control as they leave the site may endanger the health and safety of the general public outside the site zone, and are thereby creating a nuisance as defined in §17-142 of the Administrative Code.

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IT IS HEREBY ORDERED that all persons leaving the WTC site shall follow personal hygiene protocols including, but not limited to, hand and face wash; boot wash; removal or HEPA vacuuming of work clothes (coveralls) at personal hygiene facilities located throughout the site; and

IT IS FURTHER ORDERED that all vehicles leaving the WTC site be spray washed, including running boards, bumper, grilles, undercarriage, wheels, at vehicle wash stations located at vehicle access points; and

IT IS FURTHER ORDERED that owners and operators of all vehicles carrying debris from the WTC site shall fully cover with a securely fastened and impermeable tarpaulin any cargo space that would otherwise be open, except that flatbed trailers hauling steel structural and building components need not be covered but shall be thoroughly wet washed prior to site egress; and

IT IS FURTHER ORDERED that employees and officers of the Department of Health and the New York Police Department shall post and distribute copies of this Order at all entry points providing access to the site, to all construction, demolition, rescue, removal and security personnel and workers and to all other visitors to the site, and that this Order shall remain in effect for the duration of the rescue, demolition and removal operations at the WTC site.

For information about how to comply with this Order, please contact Kelly McKinney, P.E., Associate Commissioner, New York City Department of Health at 125 Worth Street, Room 616, CN-32, New York, N.Y. 10013; telephone (212) 295-5389 or at the Mayor's Office of Emergency Management (OEM) Emergency Operations Center, telephone (646) 756-3063/3064.

Dated: 10/19/01

Neal L. Cohen, M.D.
Commissioner

WARNING

Failure to comply with an Order of the Commissioner of Health is a misdemeanor and a violation of the Health Code of the City of New York for which you may be subject to civil fines of up to $2,000 per violation and criminal fines, forfeitures and penalties, including imprisonment.

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EHS Meeting 4pm 9/25/01

* Primary Agency Contact

Name	Agency	Phone	Fax
AL RAHNER	D.O.S.	646-235 3040 (NIGHTS)	
*Captain Revella	NYS DEC Police	(646) 756 3134 / 917 836 7576	
* Neal Richmond, MD	FDNY	347-386-8658	
* Steve Tom	US EPA	646-756-3057/3058	
David McIntyre	EPA	" " " "	
ERIC HOSIER	USCG	" " " "	
* PAUL BENNETT	NYC DEP	646-756-3098	
* MAUREEN ACOX	NYS DOL	(518) 225 6931	
* SANDY GROSS	FEMA	(202) 549-8447	
BORIS LUSHNIAK	CDC/NIOSH	614-397-2970	
BRUCE BERNARD	CDC/NIOSH	513-382-0136	
* KEN MARTINEZ	CDC/NIOSH	513 383 3387	
*Steven Sherman	FEMA [ESF-10 EPA LIAISON]	202 297 6776	
RICK MULLER	MANH. BORO. PRES. OFFICE	212 380 8164	(FOR INFORMATIONAL PURPOSES)
Roger Gutzat	Port Authority Inspection & Safety	973-417-0192	
* Phil Taylor	Port Authority Inspection & Safety	973-417-4205	
Mary Plaskon	Port Authority Inspection & Safety	973-417-8061	
Tim Dowd	Bechtel	(301) 908-2869	
*Stew Burkhammer	✓	301-908-6809	
* Bob Adams	DOC	917-939-6744	
*GARRY HEGG	FEMA ENVIRONMENTAL	646-756-1508	
Edward Casey	MEOC		
LOU RICCA	OSHA	646-756-3057	
*PHILIP PEIST	OSHA	646-756-3057	
KEVIN BRENNAN	OSHA	212-337-2339	

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Name	Agency	Phone	Fax
*Kelly McKinney	DOH	646 756 3063	212 259
*Jill Miller	NYCDOH	917 642 2809	
*Capt. Chris Reveler	NYSOEC Police	203-627-9302 + 646-756-313	
*Tom Mignone	USPHS	917-882-8726	
*Albert Terri	FD NY / safety	718 999 2245	
*Tennyson Hartley	FD NY / OSHA	718 999 2927	Fax 718 9992613
Major BJ Marshall	NY ANG / RESPIRATORS	516.287.5028	

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR - 6 2002

OFFICE OF
SOLID WASTE AND EMERGENCY RESPONSE

Thomas R. Frieden, M.D., M.P.H.
Commissioner
New York City Department of Health
125 Worth Street
New York, NY 10013

Dear Dr. Frieden:

Thank you for your letter of February 14, 2002, to Governor Whitman, Administrator of the U.S. Environmental Protection Agency (EPA or Agency) regarding Ms. Cate Jenkins, to which the Governor has asked me to reply. You asked for clarification of the Agency's position with respect to asbestos, following your receipt of a letter from Ms. Jenkins, an Agency employee, which offered her opinion with respect to the sampling and analysis taking place in and around the World Trade Center site.

Your department and any other person or organization should consider Ms. Jenkins' views on this matter as those of any private citizen, and not those of an official Agency representative. As she stated in her letter, her opinions are her own and do not reflect the official scientific or policy views of the EPA. Under her official duties, she holds no responsibilities related to the response work being carried out at the site. She does not represent EPA's position on asbestos analytic methods, risk assessment approaches, or response methods. For the record, EPA disagrees with the asbestos risk assessment approach this employee proposed, and believes it does not reflect the scientific consensus on characterizing the health effects of asbestos.

I appreciate your kind words regarding EPA's support to New York City. EPA has been coordinating closely with New York City, New York State, and other Federal agencies to ensure consistent use of the latest proven state-of-the-art analytical methods, to evaluate data from multiple agencies on a daily basis, and to protect potentially exposed individuals. I agree that we have had a successful, collaborative approach among the various Federal, state and local agencies involved. This has been a difficult situation for all concerned, and I apologize for the confusion caused by this employee's letter.

I hope this clarifies the Agency's position. If you have any questions, please do not hesitate to contact me.

Sincerely,

Marianne Lamont Horinko
Assistant Administrator

Printed on Recycled Paper

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NYC 9/11 Public Portal Document

Environmental Health Safety Task List **Attachment** *New York City Department of Health*

	Issue	Provider	Status
Site Safety			
☐	Implement Health & Safety Plan, establish safety parameters, conduct tool box meetings, conduct ongoing site surveillance, provide field guidance)	Bechtel Worldwide (?)	
☐	Coordinate with FDNY Safety Battalion		
☐	Determine resource needs		
☐	Resources available?		
☐	Contract or Submit Request for Assistance		
☐	Implement (get Professional Site Safety Staff on the ground)		
	HazCat	4/DEC 4/EPA	
☐	Assess site configuration, homogeneity of debris pile, potential hazards, etc	NYC DEP HazMat	
☐	Determine resource needs for site surveillance, response, sample collection and analysis		
☐	Resources available?	NYC DEP HazMat	
☐	Submit Request for Assistance		
☐	Implement (get Hazard Characteristic personnel on the ground)		
Environment			
	Industrial Hygiene		
☐	PPE (respirators, filter cartridges, coveralls, gloves, goggles, etc.) w/ who distributing? @ access points	DOH, COSH, PESH, DOT	
☐	Quartermaster to determine resource needs and coordinate supply, delivery and distribution		
	At access points		
☐	Establish respirator fit-testing locations		
☐	Provide respirator fit-testing, maintenance and use information		
☐	Provide respirator wash stations		
	Worker Exposure		
☐	Conduct worker hazard assessment	DOH, DEP, ConEdison	
☐	Implement ongoing worker exposure monitoring program	DEC, NIOSH	
☐	Establish procedure for communicating results and decision making		
Sanitation			
	Water		
☐	Conduct damage assessment	NYC DEP (?)	
☐	Implement water monitoring program (if necessary)	NYC DEP	
☐	Establish procedure for communicating results and decision making		

NYC-WTC_000146488

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Environmental Health Safety Task List **Attachment** *New York City Department of Health*

	Issue	Provider	Status
	Ambient Air		
☐	Develop community air monitoring protocol to determine air quality impacts of disaster	DEC, DOH, EPA, DEP, Port Authority	
☐	Implement ongoing community air monitoring program for contaminants of concern	EPA	
☐	Establish procedure for communicating results and decision making		
	Food		
☐	Establish full-service feeding stations at multiple locations at ground zero perimeter		
☐	Control food sources to the site		
☐	Limit food distribution in and around ground zero		
☐	Install hand washing facilities at all feeding stations	DCAS	
☐	Implement ongoing FSE inspection program	DOH	
☐	Establish daily waste collection from feeding stations	DOS	
	Pest		
☐	Establish vigorous waste collection within and around work site	DOS	
☐	Bait ground zero perimeter to prevent rodent migration into work site	DOH	
☐	Establish surveillance within work site and exterminate as needed	DOH	
	Vector		
☐	Educate site personnel on standing water issues		
☐	Establish surveillance within work site and larvicide as needed	DOH	
	Washdown		
☐	Assess site configuration, access points, and personnel and equipment flow rates	DEC, USCG Strike Force	
☐	Determine washdown station size, configuration and location (coordinate with stakeholders)		
☐	Determine resource needs		
☐	Resources available?		
☐	Submit Request for Assistance		
☐	Implement (get washdown stations on the ground)		
	Personnel sanitation		
☐	Install portable toilet facilities at street corners throughout restricted area	DCAS	
☐	Install handwashing facilities at all portable toilet facilities	DCAS	
☐	Establish daily servicing of all toilet facilities	DCAS	

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ATTACHMENT

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NYC-WTC_000146491

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SEPTEMBER

9-30-01 8:00 am

Sign-in	Sent	Safety Mtg
Michael Gallini	DDC	917-939-6492
David Mayo	BCC	
Kevin Beiter	NYSDEC Police	646-756-3136
MADDEN	GRACE	917 560 5128
[illegible]	FDNY	718-999 1512
[illegible]	Koch Skanska	1-732-969-1700
Margaret Chung	EPA	732-906-6904
Steve Nakasaki	Bechtel	910/436-9619
[illegible]	NYCDOH	917 642 2809
Carl J. Schnee	Turner	917 373-0464
JEFF TROCA	AMEC	347 231 2566.

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9/28/01
SAFETY MEETING

NAME	COMPANY	PHONE #
Bob MacFarlane	Bechtel	208-520-6454 cell
JEFF VINCOLI	Bechtel	301-536-3487 (Cell)
Eric Wilson	EPA	732 689 0025 cell
KENNETH CLARK	EPA	214 850-4686 cell
Tim Dodd	Bechtel	(301) [redacted] 708-2869
Bill Welch	DDC/EHSS	(314) 831-0481
RAY MASTER	BOVIS LEND LEASE	646. 235. 5642
Jim Parkinson	Bovis LL	212 297 2862
MARY ELLEN SACCHETTI	PLAZA CONST.	(212) 849-4808
CRAIG PETREIKIS	NYC DDC/AIRTEK	(518) 453-0146
JEFF TASCO	AMEC	(732) 673 2510 / 347 231 256
Willie Piispanen	Washington/Bechtel	(208) 850-7485
PHIL TAYLOR	PA-NYNJ	(973) 417-4205
MARY PEASLEE	PA-NYNJ	(973) 417-8061
Richard [illegible]	USDOL/OSHA III	(304) 342-5932
ARTHUR HAVEN	FDNY	718 999-1512
Eric Johnson	3M	651-338-8213
Larry Janssen	3M	651-263-7554
Craig Colton	3M	651-733-6297
DIRK EDMISTON	3M	610.724.4577
Neil Gillen	OSHA	212-337-2378
MAUREEN A COX	NYS Labor	518 225 6931
PAT Clark	OSHA	212-337-2011
BOB MAGEE	OSHA	212-337-2349
Howard Warrington	New York Army National Guard	516-287-5780
Kevin Beiter	NYSDEC Police	646-756-3136

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Michael BROGAN	Port Authority Police	917-495-7214
MICHAEL MADDEN	GRACE INC.	917 560 5128
TODD BAKER	3M	973-670-3562
Mike Mathys	3M	973-722-0051
TONY CORALLO	3M	315-263-0695
John POLSO	KochSKANSKA	732.809.3669
J.m Bifulco	TSC/Tishman/Verizon	718-273-5113
Laura Gunn	OSHA	212 337 2350
Kris Hoffman	OSHA	973 263 1003 X105
ROBERT GARVEY	OSHA	(212) 337-2352
GARY W. ROSKOSKI	OSHA MARLTON NJ	(856) 757-5181
JOHN GRAHAM	Carpenter union H/S	212 727 2224
JOHN McGRAIL	NYC CARPENTERS HEALTH + SAFETY	212-727-2224
Stew Burkhammer	Reehtel	301-908-6809

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SAFETY MEETING

9/27/01

Name	Co/Agency	Cell Phone
Jim Ringwall	Washington/Bechtel	303.947.2101
Tony Adams	Washington/Bechtel	619-619-3995
MATT CARNEY	BECHTEL	865-405-8334
Michael BROGAN	Port Authority Police	212-941-5255
HARRY PICCIOLI	Washington/Bechtel	201 232-6466
Pat Pettiette	Washington/Bechtel	208-867-211.
DAVID COLLINS	TURNER SAFE DIR.	646-235-8485
BOB MAGEE	OSHA	212-337-2349
Gil Gillen	OSHA	212-337-2378
JEFF VINCOLI	BECHTEL	301-356-3487
DON CAREY	Bovis L.L.	646-772-8546
Willie Pierson	Washington	(208) 850-7485
HERVÉ CARRIÉ	DDC/EHSS	718 391-1286.
ERIC J. ESSWEIN	CDC/NIOSH	(303) 809 5676
Randy Bailey	Bechtel	
Tanya Ross	NYSDOL	518-225-8845
William Welch	DDC/EHSS	314-537-2636
MAUREEN A COX	NYS DOL	518 225 6931
Bill Ryan	Tully	201 310 5653
Jim SANTORO	CDI	410 937 4768
Chief Bacci	FDNY	918 999 2377
CAPT. NAVAS	FDNY	718 999 1512
John Posso	KochSkanska	732 809 3666
Larry Kenny	USDOL-OSHA	212 337 2350
Todd BAKER	3M	773-[illegible]-0468
Aaron Mark	NYS DOH	917-681-7103

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9/27/01 Cont'd

	Co/Agency	Cell Phone
ROBERT GARVEY	FED OSHA	917-678-9610
MARIO CIARLETTA	DCAS	917 567 8665
Greg Lewis	S/C Henry	212-764-3991
Roger Gutzat	PANYNJ	201-211-2812
Mary Plaskon	PANYNJ	973-417-8061
DAVID AUSMUS	BECHTEL	865 719-8731
MIKE MADDEN	GRACE	9175605128
CAPT. Terry Reveille	NYS DEC Police	917-836-7576
Jim Mills	NYCDOH	917 642 2809
Greg Glynn	Bechtel	5163751068
Eric Magnuson	OSHA	917-679-7568
Mike Mitchell	B/WARH	208 880-6315
DAVID HILL	B/WASH	505-780-2902
Kel Lifsey	P/WASH	301-883-6225
BRAD GILES	B/W GI	208-850-6315

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8:00 AM

ES&N MG

9/26/01 Name	Company / Agency	Cell phone / Contact phone
Ray Master	Bovis Lend Lease	c 646.235.5642
Carl J. Schnee	Turner Construction Company	917/373-0464
Jeff Tasca	AMEC	732 673 2510
Jim Santoro	CDI	410 937 4769
Bill Ryan	Tully	201-310-5653
Mike Quinn	OSHA Avenel Reg. II	732-750-3270
Don Carey	Bovis Lend Lease	646-772-8346
Sandi Gross	FEMA	202-549-8447
Michael Madden	Grace IND	917 560 5128
Ken Miller MD PhD	FEMA USAR Medical Unit	714-746-6531
Herve' Carrie'	DDC / EHSS	718 391-1286
William Welch	DDC / EHSS	
Steven Roth	DDC / EHSS	(618) 391-1293
Steven W. Lenhart	NIOSH	(513) 314-0138
Tim Dowd	Bechtel	(301) 908-2869
Stew Burkhammer	Bechtel	301-908-6809
John Picarello	DDC	718-391-1902
Robert Adams	DDC	917 939 6744
John Povich	Kiewit Shea	732 809 3666

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SAFETY MEETING 9/25/01 8:00 AM

Name	Company / Agency	Title	Cell Phone / contact phone #
Stew Burkhammer	Bechtel ES&H	WTC Proj ES&H Mgr	301-908-680
Robert Adams	NYC DDC	DIR. EHS	917 939 6744
Jim Miller	NYC DOH	MED. DIRECTOR	917 642 28
Ray Master	Bovis Lend Lease	Safety Mgr	646.235.564
Don Carey	Bovis L.L.	Safety Mgr	646-772-8
Kenneth Middleton	FEMA USAR	Medical Unit Leader	714-746-6533
Leonard Rich	USCG/EPA	ESF-10 Site Safety	917 816 786
Nancy Clark	Mt. Sinai	Ind. Hyg.	917-842-55
DAVID J. COLLINS	TURNER	SAFETY DIRECTOR	646-295-7
Mike Cellini	NYC DDC	Asst Dir	917-939-64
Bob Magee	OSHA	FSO	212-337-234
Richard Mendelson	OSHA	Manhattan Area	212-337-4637
Liet M. BROGAN	Port Authority Police	Lieut	212-941-525
Steven Roth	DDC/EHSS	CPM	(718) 391-129
Hervé Carrié	DDC/EHSS	CPM II	718 391-1286
John B Moran	NIEHS/WETP	Consultant	NY & Non
Leo Deon	USCG/AST	Response Officer	203-627-9310
Ken Turgin	EPA-ERT	Safety Officer	732-321-6
Kenneth Clark	EPA	OSC	214/850-469
J. M. Bifulco	TSC/Plaza/Tishman	Safety Consultant	718-273-511
Bill Ryan	Tully	Dir of Saf.	201 310 563
Bruce Lippy	JUOE	Ind. Hygienist	410-960-03
Karen Stanlewski	NYS DEC	Police Officer	718 482 488
JEFF TASCA	AMEC	E&HS Coordinator	732 673 851
Paul Pettit	AMEC	E&HS Manager	010 291 19
SANDI GROSS	FEMA	H&S MANAGER	202-547-84 646-756-11

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-6E 2 of 2

SAFETY MEETING 9/25/01 800 AM

NAME	Company/Agency	Title	Contact/Cell number
Tim Dowd	Bechtel	Es&H	(301) 908-2869
PHIL TAYLOR	PANYNJ	OCCUP HLTH	(973) 417-4265
MARY PLASKON	PANYNJ	OCCUP HLTH	(973) 417-8088
Mark Goldberg	M+ SINAI	Ind. Hyg	2414597
Mikael Rose	UNIONS	Safety	732-235-9456
JOHN PICARIELLO	DDC	ADM	7183911400
PAUL JOHNICE	PANYNJ	ACME	516-642-1956
Kevin Zugibe	Hudson Technologies	CEO	914-588-0984
DAVID SULLIVAN	3M	Specialist	610-256-5601
CHRIS DIXON	BECHTEL	CONSTR MGR	917-513-3367
CRAIG COLTON	3M	Ind Hyg.	651-733-6297
Mark R. Applehee	AMEC	Proj. Manager	978-657 1888
NEIL NORRELL	USEPA	ENFORCEMENT OFFICER	732-689-0010
DON CARLSON	IUOE	HAZ MAT Director	304 253-8674
Robert Rose	FIU	Pgm Mgr	305-348-6623
Mary Plaskon	Port Auth	Ops Mgr.	201-216-2175
JOHN McGRAIL	N.Y. CARPENTERS	HEALTH + SAFETY COORDINATOR	212-727-2224
John Grafham	ny carpenters	H/S	11
Carl J. Schnee	Turner	Safety Coordinator	9173370464
Bob Weber	3M	IH	612 947-3611
Stefan Lorri	Mount Sinai	MD	212-241-7811

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9/24/01
SAFETY MEETING

NAME	ORGANIZATION	CONTACT #
MINSON, MATT	TK TF1	877 367 4193
Ken Miller MP PWP	FEMA 1ST Mod Unit	714-746-6531
Nina Maria Agresott	Bovis	646.772.1495
Bill Ryan	Tully	917 567 3760
DAVID COLLINS	TURNER	646-235-8488
Robert Zurlo	OSHA	212-337-2378
David Sullivan	3M	610-256-5601
Craig Colton	3M	651-260-1262
Bobweber	3M	612-747-3611
GARY DiPAOLO	AMEC	(917) 553-1312
JEFF JASCA	AMEC	(732) 673 2510
Ray Master	Bovis	646 235 5642
Tim Dowd	Bechtel	(301) 908-2869
Hervé Carrié	DDC/EHSS	(718) 391-1286
Chris D'Andrea	NYC DOH	(917) 731-5340
Norm Block	Bechtel	415/717-7299
Jim Mills	NYCDOH	917/642 2809
CHRIS DIXON	BECHTEL	917-513-3367
Ken Martinez	CDC/NIOSH	513-383-3387
Paul Middendorf	CDC/NIOSH	304 282-0889
[illegible]	DDC	[illegible]
Don Weiss	NYC DOH	347 386-4911
Steven Shermen	FEMA ESF-10	202 297 6776
Rod Turpin	ERA-ERT	732-321-6741
Carl J. Schnee	Turner	917-373-0464
STAN SLUSZKA	Total Safety	718 273-5113
J.m B.falco	Total Safety / T.shmm	Plaza - 718_273-511

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Roger Gutzat	Port Authority	201-216-7812
PHIL TAYLOR	" "	201 216-2327
STEVEN ROTH	DOC EMSS	(973) 417-420
Mike Cellini	DOC. Safety	(917) 939-6452

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8:00 AM

9/23 SAFETY MEETING

Name	COMPANY	CONTACT #
Robert Adams	NYC DDC	917 939 6744
JOHN PICARIELLO	DDC	718 391 1402
JEFF TASSA	AMEC	732 673 2510
DAN WHU, MD	FL TF-1	FEMA IST
Alicia Chilito, MD	FL TF-1	" "
Jim DALOIA	EPA	732-688-0037
Rod Turpin	EPA-ERT	732-321-6724
Karen Stanieweski	DEC Police	718 482 4883
BOB MAGEE	OSHA	212-337-2349
DAVID COLLINS	TURNER	646-235-8488
CHRIS DIXON	BECHTEL	917-513-3867
Norm Block	Bechtel	415-717-7294
MICHAEL GREENMAN	DDC	718-391-1321
Nick Carcich	BOVIS	347 865 530
Carl J. Schnee	Turner	917 373-0464
MATT MINSON, MD	TXTF-1	877-367-4199
		(713-398-0011
MIKE PHILLIPS	DOH	646 879-2714
Howard Warrington	Army National Guard	516-287-5780
Mike Cellini	NYC DDC	917 939-6492
J. Miller	NYC DOT	917 642 2809

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9/22/01 8:00 Safety Meeting

NAME:	Affiliation	Phone #
Bruce Roffner	DDC	1-201-805-6[illegible]
CWS Howard Warrington	HHC AMBDE NYARNC	516-287-5780
Norm Black	Bechtel/DDC	415/717-2284
Kenneth Clark	U.S EPA	215/850-4696
MICHAEL QUINN	OSHA USDOL	732 750-3270
Mike Caterina	OSHA USDOL	732 750 3270
Karen Staniewski	DEC Police	718 4824885
GARY DiPAOLO	AMEC	(917) 553-1312
Jeff Melofchik	AMEC Earth + Environmental	908-581-1581
JEFF JASCA	AMEC	732 673 2510
DAVID COLLINS	TURNER Reg. Safe. Dir.	646-235-8488
JAMES RUCHALSKI	NYC DDC	(718) 391 1523
STEVEN ROTH	NYC DDC	(718) 391-1293
Loan Dinh	NYC DDC	(718) 718-1474
ANGELO ELMI	NYC DDC	718-391-2123
HERVÉ CARRIE	NYC DDC	718 391-1286.
TIM MILLER	NYC DOH	917 642 2809
Barry A. Schwartz	NYC DDC	917-865-5042
JOHN PICARIELLO	NYC DDC	917 718 391 8401
Michael Collins	NYC. DDC	917-939-6492
CHRIS DIXON	BECHTEL	917-513-3367
COLIN SARGENT	US DOL/OSHA	212 337 2378
Bob Zurlo	OSHA	212 337 2378
Carl J. Collins	Turner - Safety (Washington	(c) 917/373-0464

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9/21 Meeting

Name	Affiliation	Phone #
Robert Adams	NYC DDC	917 939 6714
PHIL TAYLOR	PORT AUTHORITY	(973) 417-4205
Roger Gutzat	Port Authority	(201) 216-2812
CHRIS D'ANDREA	NYC DOH	(917) 731-5340
Loan Dinh	DDC	(917) 757-5820
STEVEN ROTH	DDC/EHSS	(718) 391-1293
Jean M. Jean-Louis	DDC/DYC	918/939-6737
Chris Zwiebel	Wama Parz	(570) 443 7422
Randall Lockley	Warren & Panzer	(212) 922-0077
JOHN MURPHY	SITE SAFETY LLC	(718) 264-1300
DAVID CULLEN	SITE SAFETY LLC	(718) 264-1300
CRAIG PETREIKIS	AIRTEK ENV./DDC	(cell) 518 306-5008 office 212-766-0516
Sevin Beiter	NYCDEC Police	203-627-9320
Bruce Rothner	DDC/AHC	201-805-6502
LARRY WHEAT	OSHA	732.750.3270
ERIC ACS	METCALF & EDDY	732 238 1102
CHRIS DIXON	BECHTEL	917-513-3367
Maureen M-Smith	OSHA	914-524-7570
ANGELO ELUI	NYC DDC	718-391-2123
DIANA Cortez	OSHA	(914) 524-7510
JAMES RUCHALSKI	NYC DDC	(718) 391 1523
JOHN RHODES	OSHA	732-750-3270
JIM MILLER	NYC DOH	cell 917 642 2809

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CONTRACTOR SHIFT LIST 9/21/01

Company	Name	Shifts Available
Warren + Panze	Chris Zwiebel	any shifts (except 9/2
AIRTEK ENV.	CRAIG PETREIKIS	ANY SHIFT UP TO 9/2
SITE SAFETY	JOHN MURPHY	7-4 Tues-Fri
SITE SAFETY	DAVE CULLEN	ANY SHIFT

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DIVIDER

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THE CITY OF NEW YORK
LAW DEPARTMENT
100 CHURCH STREET
NEW YORK, NY 10007

MICHAEL A. CARDOZO
Corporation Counsel

JAY L. COHEN
Phone: (212) 341-3687
Fax: (212) 676-2599
JCohen@law.nyc.gov

July 15, 2003

Mr. Rick Beusse
U.S. EPA Office of the Inspector General
Mail Drop: N-283-01
RTP, North Carolina 27711

Re: Excerpts from Draft Evaluation Report: EPA's Response to the World Trade Center Collapse: Lessons Learned, Assignment No. 2002- 0000702

Dear Mr. Beusse:

Enclosed are additional documents that were requested by the U.S. EPA Office of the Inspector General and documents to support the comments of the City of New York to the draft U.S. EPA Office of the Inspector General report referenced above.. These documents are:

1. Four color photographs of Grapplers and dust suppression operations at the World Trade Center site
2. Environmental Health and Safety Plan for World Trade Center Emergency Project with Dust Suppression and Protection Plan and Asbestos Section
3. E-mail re: Updated Air Sampling Plan for WTC dated September 19, 2001
4. E-mail dated September 17, 2001 with EPA Region 2 Draft Air Monitoring Plan attached thereto
5. Memo Leighton to Kranz re: EPA Monitoring Plan with attachments
6. Concerns About EPA Commitments (undated)
7. Typewritten notes, and sign-in sheet, Environmental Coordinating Meeting, September 13, 2001
8. Sign-in sheet, Environmental Coordinating Meeting, September 14, 2001
9. Typewritten notes, and sign-in sheet, Interagency Environmental Coordinating Meeting, September 15, 2001
10. Sign-in sheet, Environmental Coordinating Meeting, September 16, 2001
11. Agenda, Environmental Coordinating Meeting, September 19, 2001
12. E-mail re: 2:00 Monitoring Call on NY, dated September 17, 2001

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13. Jessica Leighton handwritten notes, Residential – Reoccupancy Workgroup for Residents (undated)
14. Jessica Leighton handwritten notes, EPA Sampling Results (undated)
15. Jessica Leighton handwritten notes, Environmental Coordinating Meeting, September 14, 2001
16. Jessica Leighton handwritten notes, Interagency Meeting, September 12, 2001
17. Jessica Leighton handwritten notes, Conference Call, September 12, 2001
18. Jessica Leighton handwritten notes, Environmental Coordinating Meeting, September 18, 2001
19. Jessica Leighton handwritten notes, Sampling Plan Update (undated)
20. Jessica Leighton handwritten notes, Air Results, September 17, 2001
21. Jessica Leighton handwritten notes, Benchmarks of Safety (undated)
22. Jessica Leighton handwritten notes, Federal Conference Call, Environmental Assessment Working Group, September 16, 2001
23. Jessica Leighton handwritten notes, Environmental Coordinating Meeting, September 16, 2001
24. Jessica Leighton handwritten notes, Phosgene (undated)
25. Jessica Leighton handwritten notes, Federal Working Group Conference Call, September 25, 2001
26. Jessica Leighton handwritten notes, Interagency Coordinating Meeting, September 21, 2001
27. Jessica Leighton handwritten notes, Federal Agency Working Group, September 21, 2001
28. Jessica Leighton handwritten notes, Interagency Environmental Coordinating Meeting, September 20, 2001
29. Jessica Leighton handwritten notes, Daily Summary (undated)
30. Jessica Leighton handwritten notes, September 20, 2001 Meeting
31. Jessica Leighton handwritten notes, re: Call with EPA (undated)
32. Jessica Leighton handwritten notes, EPA Data Management Conference Call, September 19, 2001
33. Jessica Leighton handwritten notes, re: Tuesday Conference Call (undated)
34. Jessica Leighton handwritten notes, Interagency Conference Call, October 5, 2001
35. Jessica Leighton handwritten notes, re School Walkthru, October 4, 2001
36. Jessica Leighton handwritten notes, re: Meeting, October 2, 2001
37. Jessica Leighton handwritten notes, Federal Conference Call, October 2, 2001
38. Jessica Leighton handwritten notes, re: EPA Website, October 1, 2001
39. Jessica Leighton handwritten notes, re: Indoor Air Sampling Conference Call, September 29, 2001
40. Jessica Leighton handwritten notes, Interagency Meeting, September 28, 2001
41. Jessica Leighton handwritten notes, re: EPA, September 29, 2001
42. Jessica Leighton handwritten notes, re: EPA Air Data (undated)

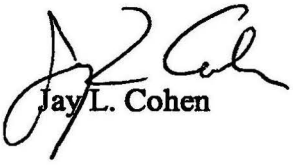
NYC-WTC_000146508

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43. Jessica Leighton handwritten notes, Interagency Meeting, September 26, 2001
44. Jessica Leighton handwritten notes, re: EPA Asbestos Data (undated)

If you would like any other information, or if you would like to discuss these documents or our comments, please call me. Thank you for your time and cooperation.

Sincerely yours,



Jay L. Cohen

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ATTACHMENT

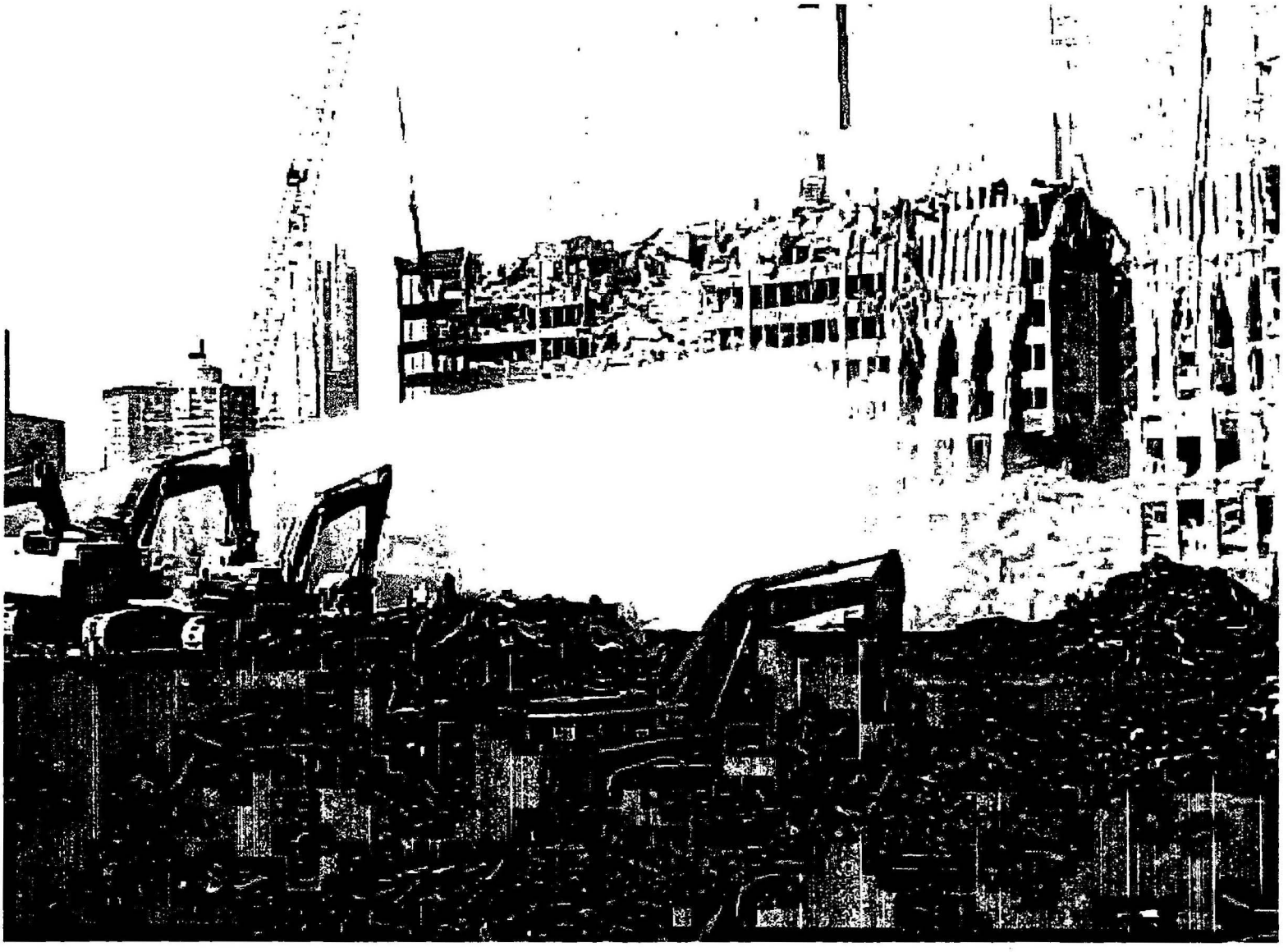
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GRAPPLER NEAR BUILDING 6



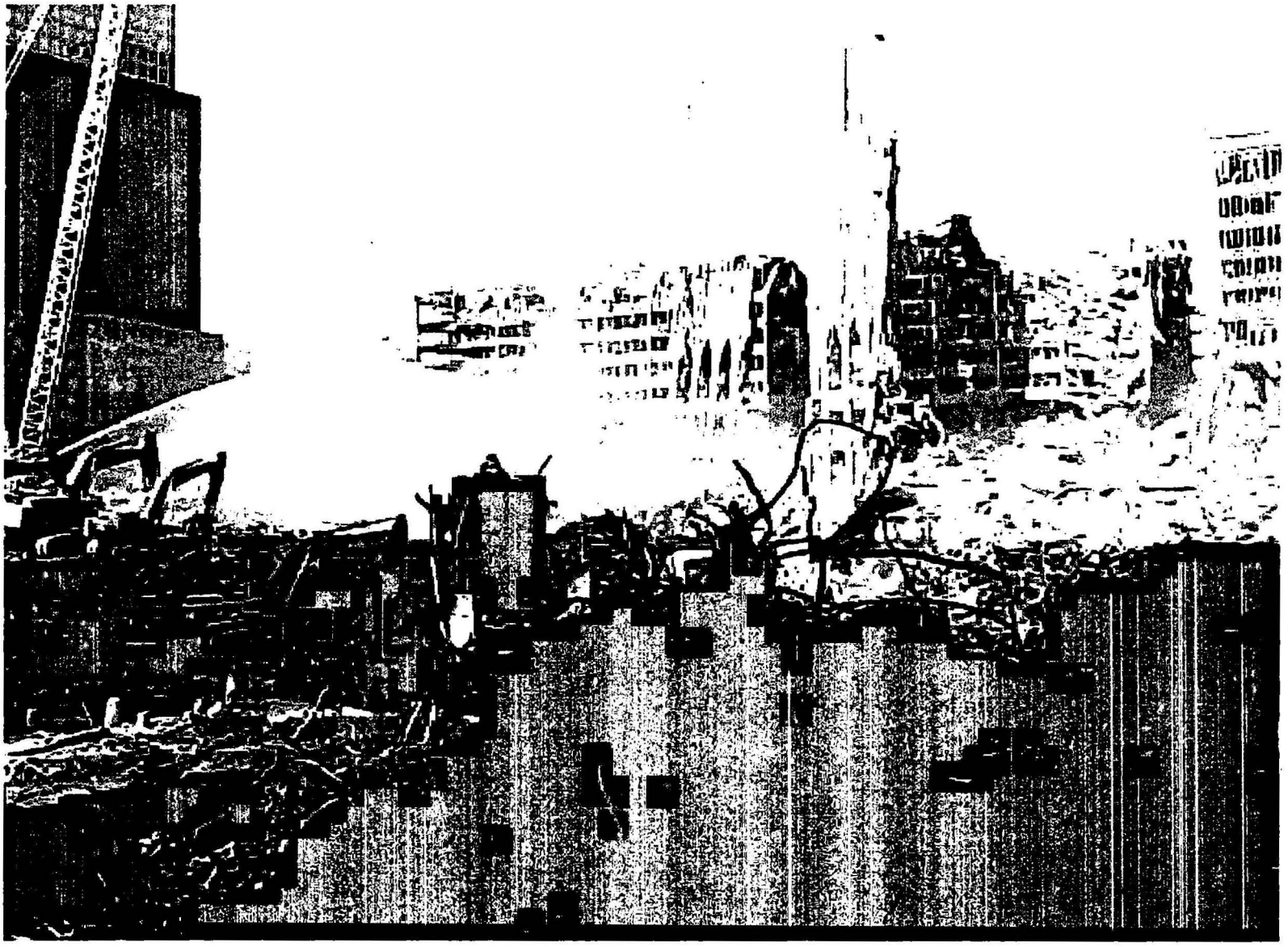
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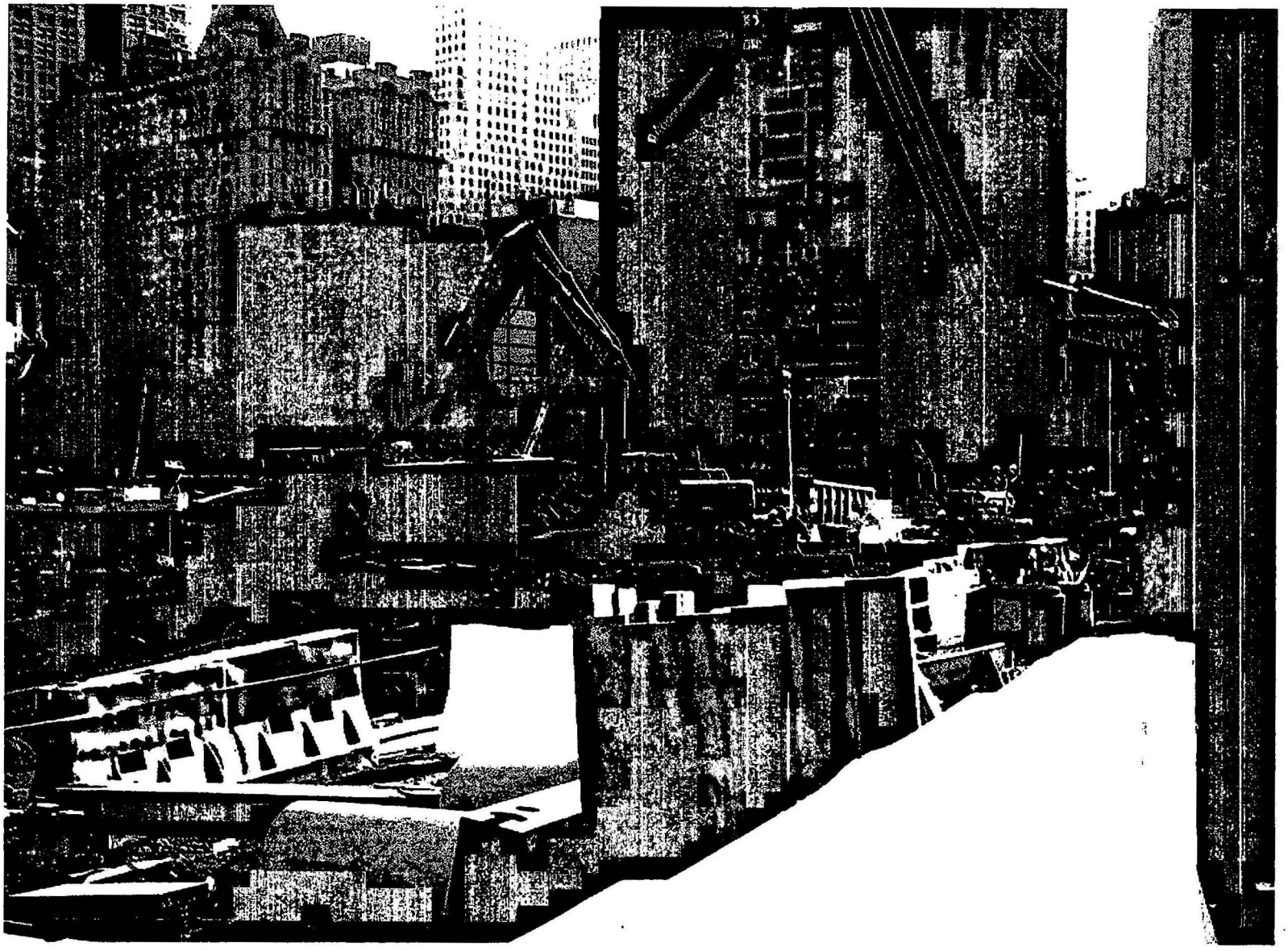
DUST SUPPRESSION TOWER 1

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TOWER 1 PULL DOWN



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GRAPPLER LOADS TRUCK

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ATTACHMENT

2

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World Trade Center Emergency Project

Environmental, Safety, and Health Plan

Revision 0
15 October 2001

Controlled Copy No. 27

Assigned to: Kelly McKinney
NYC Department of Health

NYC 9/11 Public Portal Document

World Trade Center Emergency Project

Environmental, Safety, and Health Plan

Reviews

Agency Participants

Mayor's Office of Emergency Management
Calvin Drayton
Deputy Director

Calvin Drayton 10/23/01
Signature Date

NYC Department of Design & Construction
Michael Burton
Executive Deputy Commissioner

Signature Date

NYC Department of Health
Kelly McKinney
Associate Commissioner

Kelly McKinney 10/16/01
Signature Date

WTC Emergency Project ES&H Director
Robert C. Adams CIH, CSP
Director, Environmental, Health & Safety Services, NYC DDC

Robert C. Adams 10/15/01
Signature Date

Port Authority of NY & NJ
Mary M. Plaskon
Operations Manager,
Occupational Health Inspections & Safety Division

Mary M. Plaskon
Signature Date

Occupational Safety & Health Administration
Patricia Clark
Regional Administrator, Region 2

Patricia K. Clark 10/14/01
Signature Date

New York Department of Environmental Conservation
Captain T. Revella

T. Revella 10/15/01
Signature Date

Environmental Protection Agency
Steve Touw
Senior Representative

10/16/01
Signature Date

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World Trade Center Emergency Project

Environmental, Safety, and Health Plan

Revision 0 Controlled Copy Distribution

Copy No. 01	**To: Mike Burton, DDC**
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World Trade Center Emergency Project

Environmental, Safety, and Health Plan

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Copy No. 27	**To: Kelly McKinney, NYC Department of Health**
Copy No. 28	**To: Terry Revella, NYS DEC**
Copy No. 29	**To: Mary Plaskon, Port Authority**
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Copy No. 36	**To: NYPD**
Copy No. 37	**To: Environmental Protection Agency**
Copy No. 38	**To: Paul Bennett, NYC DEP**
Copy No. 39	**To: NIEHS - JHU**
Copy No. 40	**To: Teamsters**

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World Trade Center Emergency Project

Environmental, Safety and Health Plan

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Copy No. 43	**To: M. Bellew, Dir. Waste Disposal, Sanitation**
Copy No. 44	**To: American Red Cross**
Copy No. 45	**To: LTJG. K. Pounds, Coast Guard Safety Officer**
Copy No. 46	**To: Steven J. Sherman, FEMA-ESF-10**
Copy No. 47	**To: Greg Barton, OSHA**
Copy No. 48	**To: Sue White, FEMA HQ, Safety & Health**
Copy No. 49	**To: Ken Bergmann, SEMO, Operations**
Copy No. 50	**To: Thomas M. Fusco, FBI**
Copy No. 51	**To: Frank J. Fuzzio, NYS Dept. of Labor, Div. S & H**
Copy No. 52	**To: Bob Gormley, City Council**
Copy No. 53	**To: C. R. Blaich, Incident Commander FDNY**
Copy No. 54	**To: Edward Carey, Mayor's Office**
Copy No. 55	**To: Fred Tice, U.S. Public Health**
Copy No. 56	**To: Bruce Lippy, Operating Engineer, HAZMAT**
Copy No. 57	**To: Raoul M. J. Law, FEMA, Safety & Health**
Copy No. 58	**To: _____**
Copy No. 59	**To: _____**
Copy No. 60	**To: _____**

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PREFACE

All Agency, Prime Contractor, and subcontractor personnel working at the World Trade Center (WTC) site, and other areas as determined by OEM, DDC, DOH and/or DEC shall comply with the requirements specified in this document. OSHA Standards supersede any and all items referenced in this plan. Copies of this document are controlled by number and will be assigned as designated by the DDC and OEM.

Personnel unable to read or understand the contents of this document shall have their supervisor explain the contents of the document prior to working on the site. Personnel who have questions should discuss their questions with their supervisor for clarification.

If the questions cannot be satisfactorily answered, contact a Department of Design and Construction (DDC) Safety Representative or for assistance.

Any addendum to this Environmental, Safety, and Health Plan (ES&H Plan) shall be approved by those agencies who are signatory to this Plan.

In the event of an emergency (injury or illness, skin or clothing contamination, fatality, vehicle accident, serious property damage, spill, etc.), notify the personnel listed in Section 6.0 of this Plan (Emergency Preparedness and Response).

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APPENDICES

A. Emergency Evacuation Plan
B. Dust Protection and Suppression Plan (attached)
C. Site Logistics (on file with DDC ES&H)
D. Site Demolition Plans (on file with DDC ES&H)
E. New Hire ES&H Orientation Plan (attached)
F. Spill Prevention and Response Plan (attached)
G. Stormwater Pollution Prevention Plan (draft under development)
H. Owner Controlled Insurance Program (awarded to Liberty Mutual)
I. Visitor Orientation (attached)
J. Personal Safety & Health Protection Recommendations (attached)
K. AMEC ES&H Plan (on file with DDC ES&H)
L. Bovis ES&H Plan (on file with DDC ES&H)
M. Tully ES&H Plan (on file with DDC ES&H)
N. Turner ES&H Plan (on file with DDC ES&H)
O. DDC Rodent Control Program (attached)
P. Selected Project General ES&H Guidelines (attached)
Q. Agency Directives (attached)
R. The Building Code of the City of New York Reference Standard RS-19 (on file with DDC ES&H – provided for information only)
S. Truck Ticketing (Manifesting) Procedure (attached)
T. Staten Island Landfill ES&H Plan (on file with DDC ES&H)

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Appendix B

World Trade Center Emergency Project

New York City Department of Design and Construction, New York State Department of Environmental Conservation, and New York City Department of Health

DUST PROTECTION AND SUPPRESSION PLAN FOR POST DISASTER SEARCH/RESCUE, DEMOLITION, AND CLEANUP

FINAL

October 15, 2001

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DUST PROTECTION AND SUPPRESSION PLAN

1. INTRODUCTION

The World Trade Center disaster generated a tremendous amount of debris and dust in the "ground zero" area that may contain contaminants (e.g., asbestos). During search/rescue, recovery, demolition, and cleanup activities currently underway, the potential exists to contaminate search/rescue personnel and cleanup workers and spread contaminated materials into other areas. The purpose of this plan is to provide direction and recommendations for protecting all personnel working in the "ground zero" area and minimizing the spread of dust during debris/dust removal, loading, and transport to disposal sites.

Prime contractors and their subcontractors are responsible for dust suppression in their respective zones. The FDNY is available to assist prime contractors/subcontractors with dust suppression activities and will allow contractors to use spare FDNY hoses.

2. PERSONAL PROTECTION

All personnel working on rubble piles at "ground zero" and in adjacent areas with large amounts of debris and dust (hereinafter termed "work areas") should follow the personal protective measures identified below.

2.1 While in the Work Area

Personnel in work areas should use the following personal protective measures to help protect themselves from potential dust hazards:

- Respiratory protection
  - Working on, within, above, or under the rubble pile; or cutting steel: use half face respirator with triple combo (P100/acid gas/organic vapor) cartridges.
  - Task specific operations (e.g., loading/unloading dry debris) where dust is generated within the restricted zone or at the marina loading areas: use half face respirator with HEPA filter (P100, N95, or equivalent). If uncomfortable odor exists, combo HEPA/organic vapor cartridges may be used.
  - Other areas when dusty or smoky conditions exist: use dust mask (P100, N95, or equivalent).
- Head covering (hard hat)
- Safety glasses (Z87) with side shields or mono-goggles
- Work gloves (with latex or nitrile glove liners if handling remains)
- Long pants, long sleeve work shirts, or coveralls
- Steel-toed work boots
- If available, disposable outer protective clothing when working on the rubble pile
- Exit the work area if any of the above personal protective measures are damaged or do not function properly and make necessary repairs before re-entering work area.
- Do not eat in work area.

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2.2 Leaving the Work Area:

When personnel leave the work area, they should do the following to prevent spreading dust outside the work area:

- Exit work area through designated routes.
- Wash boots with soap and water.
- If wearing disposable outer protective clothing, dispose of clothing in designated container.
- Thoroughly remove dust from clothing using a HEPA vacuum.
- Clean personal protective equipment (e.g., respirator, goggles).
- At end of shift, replace respirator cartridges.
- Wash face and hands with soapy water.

2.3 Returning Home

When workers return "home" with clothing that has been soiled with dust, they should do the following to prevent bringing dust into their residence:

- Immediately remove clothing soiled with dust.
- Place dust soiled clothing in plastic bag(s) until washing. Do not shake dust from clothing.
- Launder dust soiled clothes twice and separate from other clothing.
- Run machine empty through one (1) complete cycle to rinse any debris that may have been deposited before washing next load.
- Dispose of plastic bag(s); do not reuse.
- Wash hands with soapy water.

3. DEBRIS/DUST REMOVAL AND LOADING

Search/rescue, demolition, and cleanup activities will require the removal of vast quantities of debris that could potentially spread dust within and outside the work area(s). The following dust suppression measures should be used to control the generation and spread of dust:

- Minimize handling of debris/dust by avoiding, where possible, multiple handling.
- Minimize the drop height of debris from equipment when dumping into haul trucks or onto ground surface.
- At locations in or adjacent to rubble piles where debris is separated by dropping and/or spreading, the rubble should be periodically wet down.
- Where practical, aerial mist sprayers should be used to help control dust (e.g., when material is double handled or dumped, in rest areas, in areas where debris is sorted), and water mist curtains should be used at the perimeter to minimize dust leaving the area.
- In areas with thick dust accumulation (including streets and sidewalks), use a truck-mounted, high efficiency particulate air (HEPA) vacuum or, if not available, use standard large volume vacuum trucks.
- In areas where vacuum trucks are not used, lightly wet down areas prior to initiating debris/dust removal activities with shovels or other tools/equipment.
- Either wet down, or cover and secure debris/dust loads in haul trucks. Haul trucks shall not be allowed to leave the work area unless these measures have been completed.
- Assign haul trucks designated routes to and from disposal site(s).
- Haul truck speed in work areas should not exceed 10 mph.
- Haul routes to disposal sites should be periodically wet down and/or cleaned with "street sweepers" to control dust.

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4. WASH DOWN AND DECONTAMINATION STATIONS

At a minimum, all haul trucks leaving the work area shall be washed as described in Section 4.2 below. If agency sampling (e.g., ambient air or bulk sample) results from areas within or in close proximity to the work area exceed the prescribed "action level" for asbestos, the measures described in Section 4.3 below should be implemented to minimize the spread of dust into adjacent residential/commercial areas and along haul routes.

4.1 Siting Considerations

The siting criteria for wash/decontamination stations listed below should be followed to enhance protection of personnel within work areas and the general public, and to prevent spreading dust outside the work areas:

- Locate along designated routes to disposal site(s) and in close proximity to work areas.
- Avoid locating in public traffic areas and pedestrian zones. If this is not possible, construct barriers to keep out unauthorized personnel.
- Keep away from overhead utilities.
- Select a site with sufficient space to construct a contained wash area with an adjacent area for stockpiling saturated sediment/debris.
- Locate near a clean water source (e.g., fire hydrant) or where a water tank can be placed.
- Locate near an acceptable wash water disposal receptor (e.g., sanitary sewer, not a storm water drain or outfall).

4.2 Wash Area Actions

To prevent/minimize the spread of dust outside work areas, the following actions should be performed at wash areas:

- Wash the truck's sides, tailgate, tires, and undercarriage.
- Verify haul truck loads are wet down or covered and the cover is securely attached. Haul trucks should not be allowed to leave wash/decontamination stations unless these measures have been completed.
- Properly manage wash water and sediment/debris resulting from wash area activities.
- Follow EPA guidelines for "WTC Standardized Vehicle Wash Operations" (see attached).

4.3 Operation and Maintenance of Decontamination Wash Stations

If agency prescribed "action levels" are exceeded, decontamination wash stations should be operated and maintained to ensure haul trucks are affectively decontaminated and resulting wash water and sediment/debris contained. The following measures are provided as examples of options available for managing contained wash water and sediment/debris:

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- If possible, pump accumulated wash water from wash containment area into a settling tank(s) with baffle(s) to promote separation of oils, sediment/debris, and water.
  - As needed for reuse or discharge, pump water from discharge side of settling tank through a five (5) micron, in-line, filter.
  - If possible, use electric pumps.
  - If generators or gas pumps are used, they should be placed in secondary containment with oil absorbent material and fire extinguisher readily available.
  - Removal of sediment from tank can be accomplished with the use of sludge vacuum pump (e.g., vacuum truck).
- If a settling tank is not used, accumulated wash water should be pumped through a non-woven filter bag that is place in a contained area adjacent to the wash/decontamination station.
  - Filtered water should then be checked for hydrocarbon contamination (e.g., sheen or odor). If fuel/oil contamination is identified, oil absorbent material/boom should be used to remove contamination and these materials disposed of properly.
  - As needed for reuse or discharge, pump water through a five (5) micron, in-line, filter.
  - Filter bag should be taken to disposal site once sediment capacity has been reached.
- If wash water is not filtered, it should only be discharged into a sanitary sewer or water tankers for transport to an approved disposal site.
- If possible, debris/sediment from wash/decontamination station should be stockpiled in an adjacent contained area to allow saturated sediment/debris to drain prior to being loaded into haul trucks and transported to disposal site(s). If draining of saturated sediment/debris is not possible, trucks transporting saturated material should have dump bed liners to contain liquids during transport to disposal site(s).

4.4 Personal Protective Measures

Personnel involved in wash/decontamination station activities will be responsible for removing accumulated dust from vehicles leaving the work area and ensuring loads are properly wet down or covered. Consequently, they will be exposed to dust, wet conditions, and debris/sediments and should use the following measures to help protect themselves against possible hazards:

- Head covering
- Approved respiratory protection
- Face shield
- Rubber gloves
- Water repellent outer clothing
- Rubber boots

When returning home, wash/decontamination station workers should follow the recommended protection measures described above in Section 2.3, Returning Home.

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2.5 ASBESTOS

Asbestos fibers have been found in some bulk and air samples taken within and outside of the rubble piles at the WTC site. This is not unexpected given that many structures built prior to 1979 had asbestos containing materials (ACM) used in building construction (e.g., pipe/equipment insulation, fireproofing, floor/ceiling tiles, electrical components, coatings). Thus, the potential exists for workers to be exposed to asbestos while removing debris from the rubble piles and in conducting demolition activities in structural damaged buildings adjacent to the piles. To help reduce the potential for asbestos exposure to personnel working within the WTC site and to minimize the spread of dust (which may contain asbestos fibers) during demolition and debris removal, loading, and transport to disposal sites, the Project has implemented a Dust Protection and Suppression Plan (see Appendix B).

Ongoing demolition activities in structurally damaged buildings are covered under an Emergency Declaration issued for the Project, which includes an exemption from the normal requirements involving the investigation and abatement of ACM. If, in the future, contractors working on the WTC site become involved in renovation work in damaged buildings adjacent to the site, it is their responsibility to contact the NYCDEP's Bureau of Environmental Compliance regarding applicable rules and regulations for asbestos abatement activities.

2.5.1 On, Above, Within, or Under Rubble Piles

Until a negative exposure assessment is made, Prime Contractors/subcontractors shall assume workers located on, above, within, or under rubble piles are exposed to asbestos in excess of the Federal OSHA permissible exposure limit (PEL) of 0.1 fibers per cubic centimeter as an eight hour time weighted average (TWA), and/or Excursion Limit of 1 fiber per cc for 30 minute sample. Where a negative exposure assessment has not been made or where exposure to asbestos is greater than the PEL or Excursion Limit, the following shall be included, as a minimum, in the Prime Contractor's/subcontractor's ES&H program:

- Designate area on, above, within, or under rubble piles as controlled areas
- Engineering and work practice controls designed to control asbestos exposure
- Personal air monitoring
- Respiratory protection (including written respiratory protection program)
- Hygiene facilities and practices
- Training
- Housekeeping
- Medical surveillance

In the event a negative exposure assessment is made through the exposure monitoring program discussed in Section 2.4, the DDC ES&H Director shall be notified within 24 hours of such a determination. After a negative exposure assessment has been made, whenever there is a change of equipment, process, control, personnel or a new task has been initiated that may result in an increased exposure to asbestos, the employer shall conduct additional monitoring to reevaluate asbestos exposure.

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2.5.2 Outside of Rubble Piles

Some of the bulk dust samples taken from various locations within the WTC Complex have been found to be positive for asbestos. All settled dust located outside the perimeter of rubble piles shall be treated as asbestos containing material (ACM) until bulk sampling indicates that dust being cleaned is not asbestos containing (< 1% asbestos). Cleanup operations involving asbestos containing dust shall be conducted by workers using proper protective equipment and work practices (e.g., wet methods, dry sweeping prohibition, use of HEPA vacuums). Any site workers assigned to dust/asbestos cleanup work shall be trained in asbestos hazards and proper clean up procedures.

Prime Contractors/subcontractors shall comply with Federal OSHA asbestos standard 29 CFR 1926.1101 and applicable city and state training and licensing requirements.

2.6 LEAD

Steel and other building substrates have the potential to either contain lead, or be covered with lead containing protective coatings. Workers performing operations such as, but not limited to, welding, torch cutting, torch burning, etc., may potentially be exposed to lead in excess of the Federal OSHA PEL of 0.05 mg/m^3 as an 8 hour TWA. Prime Contractors/subcontractors performing such operations shall comply with 29 CFR 1926.62. Until a negative exposure assessment is made, at a minimum, Prime Contractors/subcontractors shall provide the following:

- Designate area on, above, within, or under rubble piles as controlled areas
- Engineering and work practice controls
- Written lead compliance program
- Respiratory protection (including a written respiratory protection program)
- Protective work clothing and equipment
- Proper housekeeping practices
- Hygiene facilities and practices
- Medical surveillance per the requirements of 29 CFR 1926.62
- Employee training
- Waste handling procedures

In the event a negative exposure assessment is made through the exposure monitoring program discussed in Section 2.4, the DDC ES&H Director shall be notified within 24 hours of such an assessment. Whenever there is a change of equipment, process, control, personnel, or a new task has been initiated that may result in employees being exposed to lead above the action level or PEL, the employer shall conduct additional monitoring as required by 29 CFR 1926.62.

NYC-WTC_000146529

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ATTACHMENT

3

From: <Byrd.Lee@epamail.epa.gov>
To: <Rush.Alan@epamail.epa.gov>, <Lamason.Bill@epamail.epa.gov>, <cherasard-paul@dol.gov>, <CPIETARINEN@dep.state.nj.us>, <dan@osha-slc.gov>, <Mobley.David@epamail.epa.gov>, <Solomon.David@epamail.epa.gov>, <Mikel.Dennisk@epamail.epa.gov>, <LaPosta.Dore@epamail.epa.gov>, <eprb@cdc.gov>, <Dimmick.Fred@epamail.epa.gov>, <hdfelton@gw.dec.state.ny.us>, <Thomas.Henry@epamail.epa.gov>, <Clark.Jeffrey@epamail.epa.gov>, <Rice.Joann@epamail.epa.gov>, <Tikvart.Joe@epamail.epa.gov>, <Seitz.John@epamail.epa.gov>, <Bachmann.Johnd@epamail.epa.gov>, <Lafornara.Joseph@epamail.epa.gov>, <Reed.Larry@epamail.epa.gov>, <mperrin@health.nyc.gov>, <naisabel.air.NYSDECO@gw.dec.state.ny.us>, <Lorang.Phil@epamail.epa.gov>, <rkwarlan.air.NYSDECO@gw.dec.state.ny.us>, <Scheffe.Rich@epamail.epa.gov>, <Hanley.Tim@epamail.epa.gov>, <Curran.Tom@epamail.epa.gov>, <Pace.Tom@epamail.epa.gov>
Date: 9/19/01 8:17PM
Subject: updated air sampling plan for wtc

----- Forwarded by Lee Byrd/RTP/USEPA/US on 09/19/01 07:32 PM -----

Rich Scheffe
09/19/01 07:12 PM

To: Dore LaPosta/R2/USEPA/US@EPA, Avraham Teitz/R2/USEPA/US@EPA, Mustafa Mustafa/R2/USEPA/US@EPA, Marcus Kantz/R2/USEPA/US@EPA, David Mobley/RTP/USEPA/US@EPA, Lee Byrd/RTP/USEPA/US@EPA, Fred Dimmick/RTP/USEPA/US@EPA, John Seitz/RTP/USEPA/US@EPA, Philip Campagna/ERT/R2/USEPA/US@EPA, Raj Singhvi/ERT/R2/USEPA/US@EPA, Jerry Blancato/LV/USEPA/US@EPA, Russell Wiener/RTP/USEPA/US@EPA, Gary Foley/RTP/USEPA/US@EPA, Henry Thomas/RTP/USEPA/US@EPA, Tim Hanley/RTP/USEPA/US@EPA, John Higgins/R2/USEPA/US@EPA
cc:
Subject: updated air sampling plan for wtc

Lee, please distribute..

thanks

Richard Scheffe
(919) 541-4650
(919) 541-1903 (Fax)
scheffe.rich@epa.gov

(See attached file: shortplan919.wpd)

From: "Matt Darcangelo" <mjdarcan@gw.dec.state.ny.us>
To: <mperrin@health.nyc.gov>
Date: 9/19/01 9:21PM
Subject: Fwd: Re: some OSHA contacts and Fax

Thanks for trying: If you could try in the morning on the 20th that would be good. If there is no luck I will follow up with the individual agencies.

Thanks
Matt

>>> "Mary Perrin" <mperrin@health.nyc.gov> 09/19/01 08:01PM >>>
Matt: the fax still says 'check condition of remote fax'. Sorry. /A

Overview air sampling plan: 9/19...short version..updated daily			
	asbestos	PM	other
Ground zero* zone...ERT 11 sites (A-N; excluding G) Debris pile A-F Wall st area H,I M,N...barge loading area... * . Sites H and I outside ground zero..included as "ground zero" as same sampling approach and crews	11 sites (A-N; excluding G) 24 hr hr samples; PCM/TEM (under discussion); ERT...ongoing; Debris pile A-F		inorganic gases; PCBs; Mercury; dioxin; metals all 1/week; 4-hr sample at 4 locations; hydrocarbon (sampling through bags with TAGA mobile van analysis...3 samples (2 in plume,1 background) twice per day dependent on plume; TAGA ***Freon as requested by NYFD through TAGA*** Real time monitoring as needed every day for phosgene, inorganic acids (HCl, H2SO4, HNO3), FID/PID, multigas (O2, LEL,H2S, SO2, CO)
Near zone (3* temp fixed sites: roof top and ground level) * potential 4th site under consideration EPA/NYDEC	1 8 hour sample per day ***NY State DEC to provide operations support*** ; filters delivered to lab daily by DEC or by CG pickup	PM2.5 TEOMS* (continuous reading...hourly); and portable PM10 everyday filter measurement (24 hr.)..2 day lab turnover ***need access, eqpt., NYState DEC to provide operations support at sites; requires Edison weigh lab*** note:	toxics silicates (every third day at 2 sites) ***new need no resources defined...***Marcus to follow up with Greg Lazarus
General (5 NYS DEC sites, plus 2 NJ sites) NYDEC/EPA schedule: sites established 9/22 operational 9/26	same protocol as near zone ***NY State DEC and NJDEP to provide operations support; samplers at Edison, ready for delivery*** ***settle logistics for filter pickup/delivery to Manhattan lab***	PM2.5 TEOMS installed in NY and NJ sites; PM10 everyday filter (NYDEC and NJDEP to supply eqpt. And operations support) measurement (24 hr.)..2 day lab turnover ***requires Edison weigh lab and sample pickup/delivery logistics***	

Fresh Kills (10 sites established) ERT	same as hot zone	10 sites: Data RAMS 24 hr. possible existing TEOM site ,,,DEC ***needs to be confirmed***	
Request for PCM asbestos and toxics silicates analysis			
* Data Rams as back up for TEOMS to be consistent with current sampling			

Schedule objectives:

Establish 3 near field sites to operational capacity by 9/26
Locate acceptable 4th near field site that meets approval of NYC DOH by 9/26 (Canal st as candidate)
Ensure operational readiness of general zone sites by 9/26

Remaining logistics for near and general zones:

Staff : Scheffe lead (temp to operation status), Kantz back up
field ops: Mustafa, Teitz and Watkins (temp); weigh lab: Teitz/Mustafa

9/20 Backup to Scheffe for meetings (ICS ops, planning and 2pm daily call with NY, NYC), and daily plan updates..***Marcus***

9/19 ..Confirm acceptance at 3 near site locations....***Mustafa***

9/20-21 Install TEOM shelters....9/20-21..at near zone sites...***Mustafa***

9/20 -9/24 Deliver/arrange pickup PM10 samplers to NY and NJ General sites...***Mustafa***

9/20 - 9/21 Work out filter delivery and pickup issues (chain of custody, timing, etc.) at all near zone and General zone sites...***Marcus Kantz***
options include courier service; Coast Guard courier; State personnel deliver (NYS will deliver asbestos sample daily; check on NJ sites.....)

9/21 - 9/24 deliver all asbestos samplers with filters to NY near zone and General zone sites (NJ has eqpt.) ***Mustafa***

9/24 -26 install 1 TEOM with DEC support, and PM10 and asbestos samplers at all near zone sites ***Mustafa***

9/21-26 deliver and assist NYDEC with PM10 and asbestos samplers at 5 NYDEC general sites ***Mustafa***

9/22-26 prepare Edison weigh lab for weighing PM10 samples from near zone and general zone sites ***Teitz***

9/20----follow up on issues and needs....***Kantz***

Ground zero Zone Monitoring Locations

A - Barclay St./West Broadway - Lower Manhattan
B - Church St./Dey St. - Lower Manhattan
C - Liberty St./Broadway - Lower Manhattan
D- Greenwich St./Albany St. - Lower Manhattan
E - Liberty St./South End Ave - Lower Manhattan
F - Vessey St./West St. - Lower Manhattan
G - Church St./Duane St. - Lower Manhattan
H - Broadway/Wall St. - Financial District
I - Chase Manhattan Plaza - Financial District
J- ***Marcus...fill in***
K-
L-
M
N

Near Zone List of Potential Locations for 0-3 Month Air Monitoring

~~1) Old US Customs House, 1 Bowling Green, NY, NY 10004-1415~~

~~2) Federal Hall, 26 Wall Street or possibly across the street at 23 Wall Street~~
3) * Pace University, 1 Pace Plaza, 10038-1502
~~4) 26 Federal Plaza and old court house wheer radiation site is estab lished~~
~~5) * 125 Worth Street (State or city bldg) or next door at three Louis J. Lefkowitz Building~~
6) * Manhattan Boro Community College, 199 Chambers Street
~~7) Stuyvesant High School (NYC-OEM Command Post)~~
~~8) Battery Pl. Apartment Complex~~
9) * Coast Guard Building, Battery Park area (south Manhattan)
~~10) **Canal Street Post Office~~

Three Four sites which give the best geographical presentation of the area will be selected, if possible.
* recommended based on access and power...

General zone: Existing NYSDEC NJDEP Monitoring Locations w/ TEOMS (mark the TEOMs)

1) Ps 154 - 333 East 135 st Bronx, NY
2) IS 143 - 511 W 182nd, NYC, AIRS Site Code 36-061-0115
3) PS 274 - 800 Bushwick Avenue, Brooklyn, AIRS Site Code 36-047-0118
4) PS44 in Staten Island, 80 Maple Parkway
5) PS 199 3290 48th Ave, Queens, NY, AIRS Site Code 36-081-0116
6) Liberty State Park, Jersey City;
7) Rahway, NJ; Landfill To be determined.

Issues/additional requests:

1. Ongoing..Asbestos sampling time and analytical procedure

ERT technical staff have recommended changes in sampling period and analytical method to alleviate strain on laboratory and field personnel. These recommendations include 1) reducing the sampling period to 1 8-12 hour (depending on loading) sample per day starting in the 8am time frame at all ground zero sites and the new near zone and general zone locations, and 2) performing only 1 analytical technique (TEM or PCM) to ensure commonality across sites and reduce laboratory burden. Technical staff believe that daily sampling over an 8 12 hour period combined with the addition of 11 near and general zone sites will provide greater characterization of asbestos than the current attempt at 24 hour sampling just in the ground zero zone. This issue needs resolution.

Options:

1. Preferred: reduce to 1 8-12 sample and PCM (and store PCM filters for potential TEM analysis based on action level as recoimmended by ASTDR) or TEM (including PCM equivalents if TEM chosen)

2. reduce to 1 8-12 sample and perform both PCM and TEM

3. Immediately reduce to option 1 or 2 until resources and consensus developed to perform 24 hour sampling and both TEM and PCM. (NOTE: just adding operators may create a bottleneck in escort and access logistics).

4. Follow preferred option (and variants of) with small number (e.g.; 5 in ground zero zone only) of 24 hour sites that perform PCM and TEM

2: ASTDR has requested indo0r sampling for asbestos before buiding reentry and toxics silicates analysis

3. Sampling scale down plan based on data results

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ATTACHMENT

4

From: <Mobley.David@epamail.epa.gov>
To: <mperrin@health.nyc.gov>
Date: 9/18/01 2:39PM
Subject: sampling plans and site locations

Jessica,
Attached is the 09/17 version of the proposed sampling plan for your info as you requested on the call at 2:00.

For your records, the following were on the line from EPA/Office of Air Quality Planning and Standards in NC. Email addresses are in the cc list. Phone numbers follow.
David Mobley 919-541-4676 919-302-6187 (cell)
Rich Scheffe (from NY/NJ) 919-541-4650 919-414-1096 (cell)
Fred Dimmick 919-541-5537
Lee Byrd 919-541-5367
Dennis Mikel 919-541-5511
Joann Rice 919-541-3372
Alan Rush (from DC) 202-564-1658
David Solomon (from DC) 202-564-7598
Tim Hanley 919-541-4417

It would help us if you would send the latest data set on air monitoring data directly to me. Thanks
David

----- Forwarded by David Mobley/RTP/USEPA/US on 09/18/01 02:21 PM -----

Lee Byrd
09/17/01 08:04 PM

To: CPIETARINEN@dep.state.nj.us, David Mobley/RTP/USEPA/US@EPA, David Solomon/RTP/USEPA/US@EPA, Dore LaPosta/R2/USEPA/US@EPA, eprb@cdc.gov, hdfelton@gw.dec.state.ny.us, Henry Thomas/RTP/USEPA/US@EPA, Jeffrey Clark/RTP/USEPA/US@EPA, jleighton@health.nyc.gov, John Seitz/RTP/USEPA/US@EPA, Johnd Bachmann/RTP/USEPA/US@EPA, Joseph Lafornara/ERT/R2/USEPA/US@EPA, naisabel.air.NYSDECO@gw.dec.state.ny.us, Rich Scheffe/RTP/USEPA/US@EPA, rkwarlan.air.NYSDECO@gw.dec.state.ny.us, Tim Hanley/RTP/USEPA/US@EPA, Tom Curran/RTP/USEPA/US@EPA, DennisK Mikel/RTP/USEPA/US@EPA
cc:
Subject: sampling plans and site locations

more from rich . . .

need to have plan for quality control of monitors & (e.g. for ensuring that the monitors don't get clogged)

NYC 9/11 Public Portal Document

Lee Ann B. Byrd
U.S. EPA
Monitoring & Quality Assurance Group (MD-14)
Research Triangle Park, NC 27711
919-541-5367
fax 919-541-1903
----- Forwarded by Lee Byrd/RTP/USEPA/US on 09/17/01 08:02 PM -----

Dore LaPosta
09/17/01 07:41 PM

To: DennisK Mikel/RTP/USEPA/US@EPA, Fred Dimmick/RTP/USEPA/US@EPA, Lee Byrd/RTP/USEPA/US@EPA, David Mobley/RTP/USEPA/US@EPA, Tim Hanley/RTP/USEPA/US@EPA, Rich Scheffe/RTP/USEPA/US@EPA
cc:
Subject: sampling plans and site locations

Lee/Tim/Marcus/Mustafa/Avi/ Dore;

thanks for your help ...we made great progress today

Fred/Dennis....the files have the addresses,,,

do not distribute outside office

Rich

(See attached file: bigairplannew917.wpd)(See attached file: shortplan917.wpd)

Dore LaPosta
732 321-6686 phone
732 321-6616 fax
laposta.dore@epa.gov

CC: <Reed.Larry@epamail.epa.gov>, <Scheffe.Rich@epamail.epa.gov>, <Dimmick.Fred@epamail.epa.gov>, <Byrd.Lee@epamail.epa.gov>, <Mikel.Dennisk@epamail.epa.gov>, <Rice.Joann@epamail.epa.gov>, <Rush.Alan@epamail.epa.gov>, <Solomon.David@epamail.epa.gov>, <Hanley.Tim@epamail.epa.gov>

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EPA Region 2
Draft Air Monitoring Plan
Associated with World Trade Center Disaster
September 17, 2001

Introduction

Note: This is an overview plan that provides general background and rationale for air sampling. A shorter condensed version will be updated daily.

bulk sampling

This Plan is intended to cover US EPA and state monitoring for possible airborne contamination that may be associated with the World Trade Center disaster, incorporating measurements in and near the Hot Zone, in the nearby community, in the surrounding community, and associated with the landfill where debris is being disposed of. It includes continuation of monitoring in and around the hot zone begun by EPA's Environmental Response Team (ERT) soon after the disaster, monitoring performed by New York State Department of Environmental Conservation (NYSDEC) at some of NYSDEC's long term permanent monitoring sites as well as some new sites initiated for this purpose, and a number of new monitoring sites and initiatives of EPA Region 2. It also incorporates invaluable assistance in planning and implementation from a large number of organizations within and outside EPA.

The monitoring described in this plan represents the current best approach, consistent with the perceived needs and the available resources. It is subject to change as the perceived needs and/or recource availablities change. Implementation of the plan will continue until the data indicate that it is no longer needed, or until other activities or events so dictate, such as the completion of debris removal and disposal.

Because logisitical support is so important to the initiation and implementation of the plan, it will receive an unusually high emphasis in the plan.

bulk sampling Below Canal = Near Zero Queens Green Brooklyn Heights Near Zero vs. Wider Comm

Monitoring Objectives:

General Objective:
Provide air quality monitoring during the clean-up after the World Trade Center disaster, characterizing the ambient air quality in the immediate vicinity of the destruction (termed the hot zone), in the nearby surrounding community, including, for example, the Wall Street are (termed the near zone), in the wider community [residents surrounding lower Manhattan (termed the general population zone), and in the community surrounding Fresh Kills Landfill (FKL) in Staten Island, where the debris is being disposed of (termed the landfill zone).

Specific Objectives, in priority order:

dispose

1. Provide air quality data to characterize the extent of health risks in each of the four zones associated with the aftermath of the disaster and the rescue/cleanup/disposal activities. In the hot zone, the target population is the rescue/cleanup/disposal personnel. In the other three zones, the target populations are those individuals living and working in those areas.

   The priority order is: hot zone, near zone, landfill zone, and general population zone.

2. Provide general characterization of impact, nearby and general air quality associated with the disaster.

3. Provide general characterization of air quality impact, including health impact to the residential and working communities in the areas in the vicinity of and downwind of the temporary diesel generators to be installed in and around Manhattan to supply electrical power interrupted by the disaster. These activities, while important, are not covered by the current draft of the plan because the nature and locations of the generators have not yet been defined.

4. Provide information for later retrospective assessments of associations among adverse health impacts and air quality indicators related to the disaster.

te locations

During this period, air sampling will continue in roughly five regimes, referenced as:

1. ***Hot zone***. The hot zone at and close to ground zero whrere portable and battery operated sampling takes place;

2. ***Nearby zone***. A slightly enlarged perimeter approximately 3 to 10 blocks beyond the "hot zone"where residences and business are in operation. Note that these sites are fixed temporary with stable roof top locations and power. Some of the hot zone sites do extend into this area. For convenience they ae areas are separated based on location as well as methodology.

3. ***General population zone***. Existing ambient monitoring stations operated by the NYDEC and NJDEP in the boroughs and NJ for background and transport (2 to 7 miles), depending on wind flow patterns.

4. ***Landfill zone***. The Fresh Kills landfill on Staten Island where investigation and eventual disposal occurs.

5. ***Diesel zone*** .In the vicinity of major temporary diesel generators (if deployed) and primarily to track particulates. ***There are no monitoring recommendations at this time.***

Monitoring parameters

Rationale

The sampling plan focuses on the two most important parameters of interest, asbestos and particulate matter. The most intense sampling for asbestos has been occurring in the hot zone. This plan expands the asbestos sampling to the outer zones refernced above, and adds partcle matter sampling at allzones beyond the hot zone. Additional parameters covering a suite of possible pollutants are sampled for in the hot zone.

List of parameters

Asbestos.Known use in building construction, and some evidence of presence during early monitoring. Known inhalation carcinogen

PM_{10} and $PM_{2.5}$. Respirable fractions of dust; NAAQS exist. PM10 expected to be elevated relative to $PM_{2.5}$ close to hot zone.

Dioxins, PCBs, PAHs, metals, inorganic acids. Hazardous air pollutants and possible emission and combustion products from site.

VOCs. General characterization of prevalent pollutants for public concern.

Criteria gases. Measurements ongoing at existing stations, provides supplemntary data.

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Parameter	Monitoring Methodology	Action Level	Basis of Action Level	Importance
Asbestos TEM	EPA AHERA TEM techniques	70 structures/mm^2	EPA School asbestos clearence standard.	High
Asbestos PCM				high
PM_{10}	FRMs		EPA NAAQS	high
$PM_{2.5}$	TEOM continuous monitors*		EPA NAAQS	high
Inorganic Gases	ERT Protocols			medium
VOCs	ERT TAGA Protocols			low
Criteria Gases	FR Methods		EPA NAAQS	low
Dioxins, PCBs				low
PAHs				low
Metals				low
toxic silicates				medium

Definitions:

Asbestos	Portable asbestos samplers, two 12-hour integrated samples per day
PM_{10}	Particulate matter smaller than 10 microns in diameter
$PM_{2.5}$	Particulate matter smaller than 2.5 microns in diameter
AHERA	
TEOMS	- contiuous measurement, reported every 2 hours
NAAQS	National Ambient Air Quality Standard
TEM	Transmission Electron Microscope
PCM	
FRM	Federal Reference Monitor - 24-hour integrated sample
VOCs	Volatile Organic Compounds
TAGA	Trace Atmospheric Gas Analyzer - grab samples
PAH	
toxic silicates	
Metals	
acid gases	
Criteria gases	CO, NO_x, SO_2, O_3, - continuous instruments, reported hourly
*	TEOMS may not be available (due to supply) or usable (due to size and power consumption). Contingency monitoring methodologies, in likely order of priority, are Data RAMS and Nephelometers, which measure the same parameters in slightly different ways.

NYC-WTC_000146543

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Overview: Draft ambient air sampling plan.							
Location	**Asbestos (TEM method*)**	**PM10**	**PM2.5**	**Inorganig acid gases;PAHs; PCBs, dioxins, mercury, metals**	**VOCs**	**Criteria pollutant gases (CO; O3; NO; SO2)**	**toxics silicates**
hot zone	**ERT - daily 2 12-hr samples; 7-11 locations**			EPA ERT; One 4 hour sample at at 4 locations (plume) every 7th day	selected HAPS by grab followed by TAGA; samples every day in/out of plume ***not in place***		
nearby zone	**EPA ERT** (daily 212-hr samples; 7-11 locations	**EPA/NYSDEC** at 4 locations using FRM ***not in place***	**EPA/NYS DEC** at 4 locations using continuous (TEOM, preferred, light scattering)		selected HAPS by grab followed by TAGA; samples every day in/out of plume ***not in place***	NYS DEC at existing locations (Continuous monitors)	samples every third day at two locations ***not in place***
general population zone	**NY DEC/NJ/EPA DEP;** 7 existing sites; daily 2-12 hr. samples TEM; .ERT equipment..not in place (2 hr. sampling being conducted by NYC DEP at some sites)	**NYDEC/NJDEP/EPA** 7 Existing sites; daily FRM 24 HR FILTER SAMPLE; ***not in place***	**NYDEC/NJDEP/EPA** 7 Existing sites with TEOMS ***most in place***				

NYC-WTC_000146544

Landfill Zone	EPA ERT (daily 2-12 hr samples (TEM); 8-11 locations *in place*	Data Rams at 8 sites(continuous surrogate for PM)	existing ...OM at 1 site operated by DEC				
Diesel Zone		not determined	not determined				

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NYC-WTC_000146545

Monitorin, t a typical site in each zone

Hot Zone	asbestos air two 12-hour samples/day*	asbestos dust 1 sample/day*	acid gases; PAHs, dioxins, metals: 1 4-hr sample/day*; VOCs - grab samples every day in/out plume sample occassionally
Near Zone	asbestos air two 12-hour samples/day	$PM_{2.5}$ Continuous PM_{10} Daily	
General Population Zone	asbestos air two 12-hour samples/day	$PM_{2.5}$ Continuous PM_{10} Daily	criteria gases continuously*
Landfill Zone	asbestos air two 12-hour samples/day*	light scattering throgh DATA RAMSas aerosol indicator*	

* Monitoring currently in place

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NYC-WTC_000146546

Hot Zone : nitoring Locations

A - Barclay St./West Broadway - Lower Manhattan
B - Church St./Dey St. - Lower Manhattan
C - Liberty St./Broadway - Lower Manhattan
D- Greenwich St./Albany St. - Lower Manhattan
E - Liberty St./South End Ave - Lower Manhattan
F - Vessey St./West St. - Lower Manhattan
G - Church St./Duane St. - Lower Manhattan
H - Broadway/Wall St. - Financial District
I - Chase Manhattan Plaza - Financial District

Need to Map

??

This is part of the near zone

characterize roof top or street top

Near Zone List of Potential Locations for 0-3 Month Air Monitoring

1) Old US Customs House, 1 Bowling Green, NY, NY 10004-1415
2) Federal Hall, 26 Wall Street or possibly across the street at 23 Wall Street
3) *** Pace University, 1 Pace Plaza, 10038-1502**
4) 26 Federal Plaza
5) *** 125 Worth Street (State or city bldg) or next door at thre Louis J. Lefkowitz Building**
6) *** Manhattan Boro Community College, 199 Chambers Street** } across the street from each other
7) Stuyvesant High School (NYC-OEM Command Post)
8) Battery Pl. Apartment Complex
9) *** Coast Guard Building, Battery Park area (south Manhattan)**

Four sites which give the best geographical presentation of the area will be selected, if possible.
* recommended based on access and power...

Need map
Canal Street
Brooklyn Heights

General zone: Existing NYSDEC NJDEPMonitoring Locations w/ TEOMS (mark the TEOMs)

1) **Ps 154 - 333 East 135 st Bronx, NY**
2) **IS 143 - 511 W 182nd, NYC, AIRS Site Code 36-061-0115**
3) **PS 274 - 800 Bushwick Avenue, Brooklyn, AIRS Site Code 36-047-0118**
4) **PS44 in Staten Island, 80 Maple Parkway**
5) **PS 199 3290 48th Ave, Queens, NY, AIRS Site Code 36-081-0116**
6) **Liberty State Park, Jersey City;**
7) **Rahway, NJ;**
8) PS 64 - 600 E. 6th Street, NYC, AIRS Site Code 36-061-0117
9) PS 74 - 730 Bryant, Bronx, NY AIRS Site code 36-005-0112
10) PS 219 by Queens College

Landfill To be determined.

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Overview air sampling plan: 9/17...short version..updated daily			
	asbestos	PM	other
Hot zone	10-12 sites ; 2- 12 hr samples; TEM;ERT...ongoing		inorganic gases; PCBs; Mercury; dioxin; metals all 1/week; 4-hr sample at 4 locations; VOC sampling through bags with TAGA mobile van analysis...2 samples per day dependent on plume; ***TAGA available...? personnel***
Near zone (4 temp fixed sites)	2- 12 hr samples; ***need samplers and personnel for all*** PCM every third day new need, ***no resources defined***	PM2.5 TEOMS* (continuous reading...hourly); and portable PM10 everyday filter measurement (24 hr.)..2 day lab turnover ***need access, eqpt., personnel for all; requires Edison weigh lab***	toxics silicates (every third day at 2 sites) ***new need no resources defined***
General (5 NYS DEC sites, plus 2 NJ sites)	2- 12 hr samples; ***need samplers and personnel for all***	PM2.5 TEOMS installed in NY and NJ sites; portable PM10 everyday filter measurement (24 hr.)..2 day lab turnover ***need PM10 eqpt. at all; requires Edison weigh lab***	
Fresk Kills (8 sites established)	2- 12 hr samples;	8 sites: Data RAMS 1 site: PM2.5 TEOM operated by DEC ***needs to be confirmed***	
Request for PCM asbestos and toxics silicates analysis			
* Data Rams as back up for TEOMS to be consistent with current sampling			

Schedule objectives:

9/18...Asbestos sampling established in hotzone; Fresh Kills and NJ sites...done
9/18...Site access secured in near zone; near zone eqpt. ordered.....
9/21...Sites set up in near zone for all parameters
9/21...Additional asbestos and PM10 sampling added to general sites

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Hot Zone Monitoring Locations

A - Barclay St./West Broadway - Lower Manhattan
B - Church St./Dey St. - Lower Manhattan
C - Liberty St./Broadway - Lower Manhattan
D- Greenwich St./Albany St. - Lower Manhattan
E - Liberty St./South End Ave - Lower Manhattan
F - Vessey St./West St. - Lower Manhattan
G - Church St./Duane St. - Lower Manhattan
H - Broadway/Wall St. - Financial District
I - Chase Manhattan Plaza - Financial District

Near Zone List of Potential Locations for 0-3 Month Air Monitoring

1) Old US Customs House, 1 Bowling Green, NY, NY 10004-1415
2) Federal Hall, 26 Wall Street or possibly across the street at 23 Wall Street
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6) * Manhattan Boro Community College, 199 Chambers Street
7) Stuyvesant High School (NYC-OEM Command Post)
8) Battery Pl. Apartment Complex
9) * Coast Guard Building, Battery Park area (south Manhattan)

Four sites which give the best geographical presentation of the area will be selected, if possible.
* recommended based on access and power...

General zone: Existing NYSDEC NJDEPMonitoring Locations w/ TEOMS (mark the TEOMs)

1) Ps 154 - 333 East 135 st Bronx, NY
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3) PS 274 - 800 Bushwick Avenue, Brooklyn, AIRS Site Code 36-047-0118
4) PS44 in Staten Island, 80 Maple Parkway
5) PS 199 3290 48th Ave, Queens, NY, AIRS Site Code 36-081-0116
6) Liberty State Park, Jersey City;
7) Rahway, NJ;
8)PS 64 - 600 E. 6th Street, NYC, AIRS Site Code 36-061-0117
9) PS 74 - 730 Bryant, Bronx, NY AIRS Site code 36-005-0112
10) PS 219 by Queens College

Landfill To be determined.

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Action items:

1. Secure 4 near field locations by 9/18....Andy.ongoing MustafaAvi technical..*ongoing*
   Order sampling eqpt: Avi...

   - 12 portable PM10 (pick up in MA..Nealson Plus 1 and training).....*done*
     Priority: 1. 4 near field sites, 2. 1 Fresh Kills, 3. 7 General sites
   - TEOMS...4 back order for NY....*done*
   - asbestos....on order....need to confirm 15 for near field and general and SI...*done*
   - data rams back up for TEOMs....*done*

3. Coordinate with DEC for TEOM transfer to 4 near field sites...AVI...*done*

4. Prepare filters and weigh lab at Edison..Avi..*done*

5. Ensure VOC sampling/TAGA.....*Phil C.*

6. Coordinate with NJDEP on Liberty and Linden....*done*

7. Coordinate SI monitoring...site selection, eqpt installation, operation..coordinate with DEC
   .....*done*

8. Confirm and map all site locations.....*ongoing.*
9. *Confirm landfill DEC eqpt.....Mustafa/avi*
10. *Confirm filter handling weighing and State/EPA roles.....Avi*

11. *Toxics silicates...new need...Marcus*
12. *PCM asbestos...new need.....Marcus*

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ATTACHMENT

5

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To: Marcus Kantz
EPA

From: Jessica Leighton
NYC DOH

Date:

Subject: EPA Monitoring Plan

In general, we concur with the comments provided by NYS DOH that Dr. Nancy Kim forwarded to you on Sept. 27. Please refer to my comments on the previous draft monitoring plan, and in addition we have the following comments on the plan dated September 25:

1) It appears that the Air Monitoring Site Zones are divided by type of monitoring, rather than by geographical locations. For example, the L and M sites listed under the "Work Zone", should actually be listed under the "Near Zone".
2) In the current plan, it is not clear which of the sample locations will be roof top versus street level samples. We would like to see additional street level locations included in the plan.
3) In the key to the example table, please note that the 0.01 f/cc asbestos re-entry standard is not the NYCDOH standard, but is a standard used by NYCDEP.
4) In the previous draft of the monitoring plan, there was a site G located at Church and Duane Streets. We would prefer to see a site added at W. Broadway and Duane Streets.

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From: "Nancy K. Kim" <nkk01@health.state.ny.us>
To: <mobley.david@epa.gov>, <gaz5@cdc.gov>
Date: 9/27/01 10:57AM
Subject: EPA Sept. 25,2001 monitoring plan

I'm not sure who should be getting these comments, but here are NYS DOH's comments on EPA's Sept. 25th sampling plan.

1. It appears the VOC monitoring is at only 3 locations outside the hot zone. Is the sampling intended for non-worker exposure and residential exposure to VOC's? If so, there should be more areal coverage. The sampling frequency is 2/day, are these grab samples? If so, they won't give a good indication of the exposure for the day. The Plan mentions VOC canister sampling in passing but gives no details on location and the number of samples. 24 hr. canister sampling may be better for the purpose of non-worker exposure measurements. It isn't clear from the plan if the 3 locations for VOC monitoring are inside or outside the work zone; our interpretation of the plan is that they are inside the work zone. Therefore, we recommend that VOC sampling be added to the near zone monitoring since VOCs have been detected on site at high levels and the community is concerned about them.

2. The PM10 measurements appear to be 24 hr. filters with a four day turn around. The emphasis should be on TEOM continuous sampling for PM 10 as it is for PM 2.5. PM continuous data RAMS samples for dust control advisement are being taken at the landfill zone. Shouldn't the same be done for the WTC work zone area at street level?

3. Some of the sampling locations can't be distinguished on the map.

4. The area between location H and Site 3 (lower east side) and south of location Q (lower west side) does not have any samples being taken in it. This is a large area without any sample data for PM (10 and 2.5) and asbestos. Consideration should be given to expanding sampling in this area.

5. The heights of the samplers are not given in the plan and should be included in the plan.

6. Phosgene is an analyte. However, if the freon (chlorodifluoromethane) at the WTC is heated, the fluorine analog or the chlorofluoro analog of phosgene is probably more likely to form than phosgene.

7. We would recommend removing the category of office workers from the tables providing information on levels of interest. Office workers should be considered in the same group as residents.

8. Background levels of analytical parameters should be included as a level of interest.

9. An additional site sbould be added between sites 1 and 3 in the near zone monitorng sites (e.g. betwen Pace Unitersity and Coast Guard Building), especially if the predominant wind direction is from the northwest. One way to address this concern is to do all near zone sampling at location I in addition to the work zone sampling.

10. The Canal Street Post Office site is be considered a near zone site in

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the listing of Air Monitoring Sites. It is listed as a general zone location on the able of entitled "Draft Ambient Air Monitoring Plan Status -- Draft Near zone and General Poplulation Zone Site Status."

11. Silicate dust is listed as a monitoring parameter. We are assuming this is crystalline silica rather than silicate dust. We recommend that the monitoring method for crystalline silica be NIOSH Method 7500, as given in the NIOSH Manual of Analytical Methods.

12. The overview of the plan has crystalline silica (replaces silicates) being monitored at 6 locations (A - S) in the work zone. We are assuming that all 6 locations will be in the work zone although some of the locations from A - S are outside the work zone. If the crystalline silica (replaces silicates) are elevated, we recommend monitoring for silica in the near zone area. Suggested sites: A, C, E, F, K for starters.

13. We assume that the levels of interest table will be consistent with the tables that CDC/ATSDR and the EAWG are developing. Those tables need to be constructed to allow some judgement in interpreting the results since we expect contaminant levels will vary and that variation will have to be considered (i.e. one high concentration compared to a level of interest at one location in only one sample should probably not be interpreted the same as a relatively small, but constant exceedence, at several locations). This is required because neither the plan nor the level of interest table provide guidance in how to interpret multiple sampling results (multiple locations, multiple days). We recognize that it is probably impossible in the plan or tables to provide guidance that fits all situations..

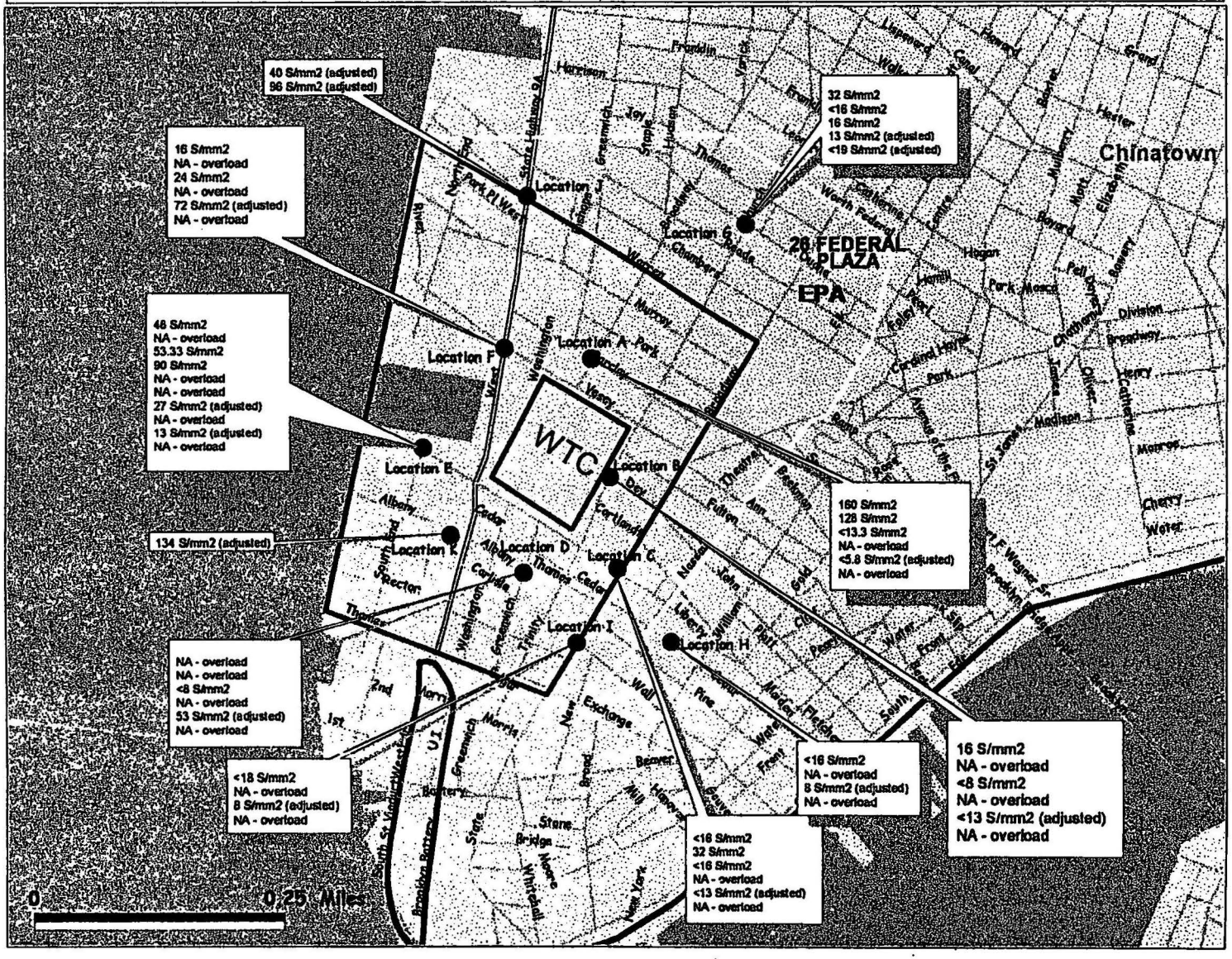
14. We recommend considering obtaining CO measurements in the near zone, given the levels that are being found in the work zone.

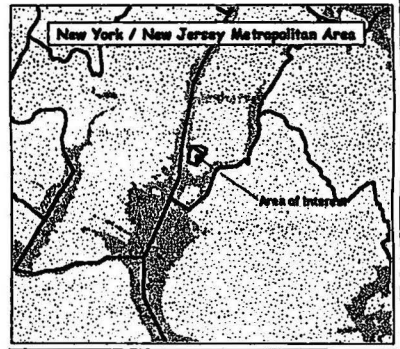
CC: <rkwarlan@gw.dec.state.ny.us>, <jleighto@health.nyc.gov>, <mperrin@health.nyc.gov>, <rcw1@cdc.gov>, <djshaw@gw.dec.state.ny.us>, "G. Anders Carlson" <gac01@health.state.ny.us>, "Robert L. Chinery" <rlc07@health.state.ny.us>, "Edward G. Horn" <egh01@health.state.ny.us>, "Daniel A. Luttinger" <dal02@health.state.ny.us>

NYC-WTC_000146554

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US EPA - World Trade Center Activities Mapping
Asbestos Continuous Air Sampling Locations for the Lower Manhattan Area





Map Symbology

EPA Ground Zero Air Sampling Locations (Asbestos) Date As of Sept 17, 2001

- Fixed Air Sampling Locations Sept 14 - 17 (24 hour sampling)
- Work Hazard Areas Sept 14 (midnight) thru Present

Internal Use ONLY

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The EPA does not guarantee the accuracy, completeness, or timeliness of the information shown and shall not be liable for any loss or injury resulting from reliance.

N W E S

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Map Date: September 18, 2001

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ATTACHMENT

6

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created 9/19/01

L Concerns About EPA Commitments

Concerns About EPA Commitments

Almost two weeks ago EPA had committed to the following:

- Developing a sampling plan that includes what will be monitored and the rationale as well as where monitoring will be conducted.
- Serving as data managers that will include data collection, entry, analysis, interpretation (including mapping) and dissemination
- Performing sampling.

While sampling has been done in certain locations, the following remains outstanding:

- The last draft of a sampling plan was received on 9/19/01. This draft did not include NYCDOH and NYSDOH comments. Since then, the need for more sampling locations in the community has been discussed. We have not seen any response to these comments or requests.
- While EPA has made some progress toward overseeing all data management activities through a data management group that has been identified and has promised that sometimes this week they will be ready to oversee this process we are concerned that given that it has not happened yet, that there will be an additional delay. NYC DOH does not have the capacity for complete and continued analyses since it needs to resume its normal functions.
- DOH has participated in many discussions with EPA re: which EPA office will have responsibility for the sampling plan and for reporting of sampling results. From the NYCDOH point of view, we would request that a decision be made on which office this will be and that this office be instructed to respond to local needs for sampling.

It is requested that these issues be addressed at a higher level at EPA.

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ATTACHMENT

7

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Con Edison · 212 387-2110 DEC - 518 402 7509
DEC 518 402 8530
EPA 732 321 4425

Environmental Coordination Meeting
September 13, 2001 4pm-6:30pm
Present: DEC, EPA, Bechtel Corp, CDC, Port Authority, NYCDOH

Daily meeting will be held at 9am at the West Street Command Center to inform field staff on decisions of the Environmental Coordination Group.

Two sampling plans will be developed

1. Sampling of Worker Hazards

Personal air monitoring plan to be developed. Dan Hewitt of NIOSH is at site today to review types of workers in the field, types of work being performed, etc. in order to characterize numbers and amounts of samples needed. Tomorrow we will review data with Dan to finalize personal air monitoring plan.

24 hour sampling was recommended due to the different types of work being performed at different times of the day.

Contractors are also working at Freshkills and transfer stations and it was recommended that they be included in sampling frame as well.

2. Ambient Sampling Plan

This plan will include regular sampling at specified sites and sampling sites determined based on daily needs:

Predetermined Sampling Sites - two 12-hr. samples

a. Locations immediately East, West, North and South of WTC (see locations 1, 6, 3 on attached map; location West of WTC to be determined). EPA to more clearly identify locations by street name.

b. Decontamination Sites @: ← Wash-up sites
   - -West and Harrison Streets
   - -Church and Franklin Streets
   - -Water and Old Slip

c. Other Sites where there is egress from WTC including: ← Alternate egress sites
   - -Church and Canal
   - -Worth and Hudson

d. Other Possible Sites- decision to be made after the following is determined:
   - -Route of debris to Freshkills and Transport sites ←
   - -Sentinel sites in Brooklyn, Staten Island, Queens, the Bronx

Daily Need Sampling Sites:
These sites will be determined based on information from the daily meeting.

Other Sampling Issues:
Periodic phosgene monitoring will continue.

Agenda Items for Friday at 2pm

1. Review sampling results from 9/13/01 inc. phosgene
2. Worker Sampling Plan
3. Determine if there are other sites that need to be added to predetermined list.
4. Other recommendations
5. Worker Health & Safety Plan
6. Traning re: Worker Health & Safety Plan

~~Phosgene~~ update

NYC-WTC_000146558

4pm Inter Agency Env. Mtg 9/13/01

Name	Agency	Phone
Jessica Leighton	DOH	917 807 8298
HAROLD NUDELMAN	NYC DEP	~~718-595-3852~~
PHIL TAYLOR	PA NY/NJ	? [Env. Coor. of PA
BOB WAIZLAND	NYSDEC	518 461 2600
Keily McKinney	NYCDOH	212 788 4603
		→ 917 731 5593 cell
Lew Rumplin	Bechtel Corp (Env.)	301-606-7028
Stew Burkhammer	Bechtel Corp ESH	301-908-6809
JAMES MORRISS	NYC DOH	212-447-2973
CHRIS D'ANDREA	NYCDOH	718-224-2253
Tom Mapp	CDC	201-615-6694
Jim DALOIA	EPA	732-906-6807
"	"	Cell # 732689-0037
Philip R CAMPAGNA	EPA	732-321-6695

NAME	AGENCY	Phone
Mark Gallo	EPA - R2	732-906-6871
Philip Campagna	EPA/ERT	732-321-6681
Jim DaLoia	EPA/Reg II	732-906 6902
Harold Nudelman	DEP	718-595-3852
Bob Avaltroni	DEP/D/C	718-595-4418
Mike Gilsenan	NY DEP	718 595-4546
Bob Warland	NYSDEC	518 461 2600
Andy Goodman	NYCDOH	212 [illegible]
Jessica Leight	"	212 [illegible] 447-2667/8
Jim Miller	"	"
Nancy Clark	Mt. Sinai	917-842-5588
[illegible]	Cons Ed	212 460-3968 Work 917 882-2354 Cell

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September 14, 2001
Enviromental Coordination Meeting

Name	Agency	Immediate Contact Phone Number
Ken Carlino	NYC - DOH	917-731-5225
Jessica Leighton	NYC - DOH	917-807-8298
Harold Nudelman	NYC - DEP	718-595-3852
Avi Teitz	EPA Region 2	732-906-6166
Philip Campagna	EPA ERT	732-321-6689
Gerry Keplin	DEP Air	917-769-4009
Sylvia Pryce	DEAS - COSH	917-731-4204
Chris D. Andrea	NYC - DOH	877-520-9688
James Morris	NYC - DOH	917-731-5801
Chaya Cohen	NYS - DOL	518-225-6321
Warren Simpson	USDOL-OSHA	212-337-2378
Gil Gillen	USDOL-OSHA	212-337-2378
Lew Pamplin	Bechtel	301-606-7028
Jonathan T. Haney,CIH	NYS Dept. of Labor	315-263-6131
Dan Hewett	CDC - NIOSH	304-282-4026
Bob Warland	NYS - DEC	518-461-2600
Enzo Catanzaro	NYS-DEP	718-595-4784
Tom Matte	CDC	201-615-8699

Telephone Andy Carlson NYS DOLT

~~Matt Lee~~

Arlene Anderson

Janet Fox Con Ed

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Interagency Environmental Coordination Meeting
9/15/01 2-4pm
Present: NYCDEP, NYSDOH, NYSDEC, EPA-QAQPS, EPA_ERT, Bechtel, NYCDOT, NYSDOL, Con Ed

Summary of Recent Laboratory Results

1. DEP- 1 hr. PCM results from 9:30 pm on 9/14/01: 2 out of 9 samples just over community clearance levels but below OSHA levels. As a result, boundaries for required respirators fro workers were moved: Northern boundary from Worth to Warren, eastern boundary from Nassau to Broadway; Southern (Exchange to Thames) and Western (Hudson River) remain as previously defined.

2. EPA: Fixed site monitors set up. J. Leighton to redo ambient air sampling plan based on new map now that exact sites have been determined. Samples picked up this morning. Results not yet available. EPA requested to analyze any samples as soon as they are picked up.

Other Sampling Issues

Freon: DEP has a freon monitor with a 2 foot hose. Need an 80-90 foot hose to feed down shaft to obtain gas samples closer to tanks/coolers. DEP will coordinate with other agencies to obtain needed equipment.

Oxygen: Oxygen monitors to be used in confined spaces.

Combustibles: Con Ed is testing manholes for combustibles.

Particulate Matter: Recommended to obtain ambient PM10 samples due to the dust and debris. PM10 determined to be more appropriate than PM 2.5 because particles are likely to be larger. EPA (Rich Scheffe) to identify sites to locate monitors. JL to accompany R. Scheffe tomorrow to identify potential sites. Sites to be on lower buildings and, if possible, at street level.

NYC 9/11 Public Portal Document

9/15/01
Environmental Coordination Meeting

NAME	AGENCY	CONTACT #
KEN CARLINO	NYC DOH	917-731-5225
HAROLD NUDELMAN	NYCDEP	~~718~~-595-3852
Gerry Kelpin	NYCDEP	cell 917 ~~7~~69-4009 718 595-3627
CHRIS D'ANDRE	NYC DOH	(917) 731-5340
Mark Knudsen	NYSDOH	212 628-7185
BOB WARLAND	NYSDEC	518 461-2600
Rich Scheffe	EPA-OAQPS	919-414-1096
Philip CAMPASNA	EPA-ERT	732-321-6689
Lew Tamplin	Becktel Corp.	301-606-7028
Mary Brophy	NYS DOT	607-721-8166
Jon HAWEY	NYS DOL	~~315-479-3306~~ Syracuse off.

Janet Fox	Con Ed
TOM Lasowski	Albany DEC
Neil Isabell	NYS DEC
Dave Shaw	" "

NYC-WTC_000146565

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2pm

Envir. Coordination Meeting 9/16/01

Name	Agency	Telephone Number (Immediate Contact
Jessica Leighton	DOH	(917) 807-8298
Fred Nuffer	DEC	(518) 343-5236 (beeper
BOB WATZLAND	DEC	518 402 8452 (cell)
Mark Knudsen	NYSDOH	212 268-7185
Lew Pamplin	Bechtel Corp.	301-606-7028

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Please Steve
~~ESRI~~

Sinika - by 1st all results 4 copies

Environmental Coordination Meeting – 9/19/01

✓ 1. Participants

2. Business Issues
   - Conference Call Protocol – make 1 hr. today + future
   - Phone #/email/fax results
     - confirm that results were received
     - info needed on results submissions

✓ 3. New Ambient Air Sample Results Summaries
   Contact person for EPA results – have not received

4. New Personal Air Monitoring Results Summary

5. Ambient Air Sampling Plan ← Please send results to Dave Mobley Mobley.David@EPAmail@EPA.gov.

6. Personal Air Monitoring Plan
   NIOSH

7. ~~Release of Results (EPA 9/14 release)~~
   EPA new pres

8. Other Issues:
   - Status of Building Access for air monitoring
   - Standards Information

stds criteria

Dennis Walendy DEC
Dan Crane OSHA Sacto
Fred Demick Air NO
Bob Williams - ATSDR
Peny McHaffey - EPA

What are we telling people

NYC 9/11 Public Portal Document

ATTACHMENT

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From: <Mobley.David@epamail.epa.gov>
To: <mperrin@health.nyc.gov>
Date: 9/17/01 4:12PM
Subject: 2:00 Monitoring Call on NY

Attn Jessica Leighton,

I wanted to confirm that I was on the call today for the record. Also on the call from EPA/OAQPS were:
Lee Byrd
Tim Hanley
Dennis Mikel
Fred Dimmick
Rich Scheffe (from NY/NJ)

Until EPA settles its data management approach, please send me a copy of the NY file of the air quality results. We would appreciate your info.

Also, at the call today, information on the Air Quality Index was requested. Please reference the following info. Please call me if there are any questions in this regard.

David

.....
J. David Mobley, Acting Director
Emissions, Monitoring and Analysis Division
Office of Air Quality Planning and Standards
US Environmental Protection Agency
Research Triangle Park, NC 27711
919-541-4676
919-302-6187 cell

See this publication for explanation of the Air Quality Index.
http://www.epa.gov/airnow/publications.html#aqi

See Table 3.2 on AQI Categories in the following file for the levels for the various pollutants
(See attached file: PM&AQI.pdf)

CC: <Byrd.Lee@epamail.epa.gov>, <Hanley.Tim@epamail.epa.gov>, <Mikel.Dennisk@epamail.epa.gov>, <Dimmick.Fred@epamail.epa.gov>, <Scheffe.Rich@epamail.epa.gov>, <Reed.Larry@epamail.epa.gov>

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~~Other sampling issues~~

~~Air Monitoring in Bldgs (70 Structures)~~ - They haven't done it.

What are the bldgs.
5 block proximity to Trade center
all commercial sites
(Wall Street, City offices)

~~Residential - Reoccupancy Workgroup~~ for Residences
Reentry criteria -
Indoor Air Team -
Dust cleaning

Work Group

Dan Kass COOH
Ed Horn SDOH
Jim DeLoia EPA
TBN ATSDR
Area Block

Work Gp will report back

Other sampling:
Water: 5 and E. d and Zero samples (have been done)
(tap water & hydrant samples)
N 1 gone → <Yesterday - 3 samples were collected from hydrant - (metals - bacteria) - All OK

NYC-WTC_000146573

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NYS Dept Labor:
EPA sampling results
1000 structures

Con Ed ~~sees~~ Results Summary.
Workers: Excavation workers Pulling Cable
PCM samples
Highest 30 min excursion level
2.1 fibers/cc
Highest Time Weighted Avg
.08 fibers/cc
In the process of doing TEM on any sample >.1
So far most are non asbestos fibers

TEM best for reading the thinner fibers that we are likely most concerned for PEM

4 hr. samples - probably too long a time - This will overload the filter & overwhelm the system & could disturb the fibers

~~Best to~~
Best to do short time samples (1 hr.)
Do replicates if we can & archive samples (Save the asbestos may be from Libby Montana)

NYC-WTC_000146575

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Jim, Tom, Dan, Jess

7/14/01

Env. Coord Meeting — Tomorrow 2PM Meeting

Drinking water Sampling out of MC

Agenda

1. Communication & Info Sharing
2. Sample Results
3. Plans for future Monitoring & Sampling
4. Additional Worker Safety

Exact street address will be determined when they put the 1ST

Fixed Monitoring Sites

EPA will do air monitoring

2. & Freshkills

~~out~~ probably be permanently set up

To determine if asbestos fibers are being dispersed into the air as transport is occurring

Dust particulates

NOTE BOOK

NOTE BOOK

NYC-WTC_000146577

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9/13/01

Tomorrow Meeting @ 9am
Today - EPA - collecting acid gas, VOCs
EPA is taking lead on air monitoring & sampling

Periodic ambient monitoring will occur.
Daily sampling
EPA has a full sampling agenda for today

Sampling plan - Now working on an as needed basis - NYCDEP has given some requests (yet ground zero sampling).
Doing federal bldgs downtown
Air Monitoring in other boros (haven't started yet)

Port Authority has consultants in place to do sampling

NOTE BOOK

NYC-WTC_000146578

NYC 9/11 Public Portal Document

⇒ Dust ~~Take out~~ are out the black marks

Marks cont

(2) 2 blocks to

Reusable 10,000 half face - 90% medium charcoal filters -

NOTE BOOK

NYC-WTC_000146579

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Meetings - not on Daily Basis

4pm - Interagency Meeting 9/12/01

Jim DeLoia - EPA Edison NJ.
Mar

Safety
De Com
Downwind
Impact
Sampling

- DEP is recommending respirators today
- Dot has on-site 100,000 N95 masks

Mt Sinai recommendations.
We use P100 w/ cartridge - gives protection of 10x the OSHA regs.

2 FEMA sponsored search & rescue teams
They have particle resp + cartridges.

Half face masks - 100s

1 - 570 296-1062 Cecilia Bacola

5 ⇒ Call OEM to order masks
P100 yellow magenta combination cartridge

1609 672 2222 (1) Fall in ~~Ground zero~~ Port Nassau Albany

MSA [Pittsburgh]
3M 800 666-6477
Wilson
LabSafety (distributor)

P100s in the site for workers in excavation
full face (hepa) in 2 block zone
w/ ~~chin~~ combination filter [pink + yellow filter]

Fire Dept 3000 →

All Meds, 10% Large

NYC-WTC_000146581

NYC 9/11 Public Portal Document

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command center

9/12/01

conf call

Jim
George Estelle ← 4th floor
Sampling - Brooklyn
asbestos contamination
lead sampling done near World Trade

Bob Walberg
NYSDEC

4.49% crystal - solid - chunks from grnd
all other samples were <1% asbestos
asbestos turn around

VOCs - most were at or below detection.
toluene. benzene 3ppb

process of setting up additional

212 268 7212 ← George Estelle
fax

Bob Avaltroni sending a person

(718)
850-4556

Public Portal Document

- Elevator shafts
- Lobby

Matt –
Water Sampling –
2 in undredged area
2 " dredged area

take core samples at prev 6
Later in the day
PCBs dioxins, PAHs
48 hr turn around time –

Ambient water Qual Samples –

EPA during runoff – during analyzed
for DEH, metals, asbestos.

Permit lets like there is signif
discharge to surface water –

CSO –
Nothing appears to be in Newtown Creek

NOTE BOOK

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NYC 9/11 Public Portal Document

9/18

Env Coord Mtg 2pm

NIOSH, CDC, PHS, CDC, DEP, DEC, SDOH, OSHA, OSHA NY, NYSDOL, SDOH, EPA

Mark Maddaloni

Mercury - 4 samples around WTC
.083 mg/cub m
(ref of .03)
∴ NOT MERCURY PROB.

ASBESTOS - 4 bulk -
2 @ 2%
1 @ 4%
2 @ 3%

perimeter
2 ND
11 <1%

Fixed AIR - 24 hr. cycle
8pm - 8am 9/16 - 9/17
8am - 8pm 9/17

Sites A-G 10 sites -
reported as structures/mm²
requires drawing 1200 l air
hopes level was 40 - in fibers/cc
NOTE BOOK it converts to .02 fibers/cc

NYC-WTC_000146586

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DOT Nam Kim, Ed, Andy

DOL

DEC Region 2

Albany DEC

EPA Region 2

OSHA Region 2

NJ DEP

DEC

EPA Superfund

Atlanta C

ATSDR Reg 2

DEP

~~Mark Ken Wallingford Tony Reed~~

→ Sampling Plan update

OSHA std. = .1 fibers/cc

Con Ed = .01 PCM
70 structures/mm^2

~~Was~~ EPA was to use TEM because of the dust in the air

NOTE BOOK

NYC-WTC_000146588

NYC 9/11 Public Portal Document

Tomorrow - EPA
⇒ Clogging of Results

Running water samples - ND

Con Ed - Personal monitoring ⇒ fibrous aerosol monitors
.03 - 2.68
av .296 / CC m³

PCM
- area air samples
  .005 - .06 fibers/cc
- 140 min air sample .23 .223 ??
  9/16 Park Place & W. Broadway

OSHA

Analytic Process ← EPA
(Mark M Lacy Reed
Ken Wallingford)

Transmitting TEM

⇒ Tomorrow by 2 pm - EPA to Make Recommendations on Analytic Methods

Phase Contrast (PCM) is the only method that we can relate to

NOTE BOOK

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is being desalinated & safe. Also were doing surveys of restaurants & of electricity to make sure they threw out food.

Fulton Fish Mkt. – operators have been cleaning out the Fulton Fish

Water James ~~Lost~~ Lake is testing for asbestos in water also doing bacteria levels

Interim Env. Coord. McGinley 9/17/01

AIR RESULTS

EPA data –

7 sampling locations

	8pm Sat-Sun Rnd 3	Sun 8 am Rnd 4
Liberty & SE	90 structures .0321	
	53 .0190	
next highest	24	
Church & Duane	~~to~~ <16	16

fibers / cc

NOTE BOOK

NYC-WTC_000146591

~~Get back to us on what~~
dat

Lafornara.joseph@EPA.gov
Joe@Lafornara.com

Telephone to call in tomorrow

Conf. systems Ok

Whatever the City needs
the City will get

NOTE BOOK

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When do we (they want to take our data receipt

Benchmarks of safety

Ambient Air samples for asbestos (24hr.)
@ worst case sites or
near egress pts

How do we interpret those
clearance levels that apply to
indoor vs outdoor. TEN samples
were not collected in a way to
use the post asbestos cleanup
level. The levels were generally
below the level.

There will be times when it will
take longer for the workers up
to decide on the level
Empteses is getting the data into the
central server.
A data review process

DORE LAPOSTA -
LAPOSTA.DORE@EPA.GOV

EPA will be clearing house
for data.

NOTE BOOK

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9/16/01

Federal Conference Call

EN Assessment Working Group

(404) 639-4100 Code 4444

Name	Agency	Telephone
Tom Sinks	CDC Atlanta	770 488-7000
Richard Kellogg	CDC "	Lab Response 404 639-0482
Peter Kowalski	ATSDR Atlanta	404 498 0492
Artie Block	ATSDR Reg 2	732 906 6931
Rick Meyer	CDC	404 639 0075
Bob Williams	ATSDR	404 498 0007
Max Aiefer	NIOSH	404 538 9440
Rosemarie Sokas	CDC NIOSH Wash	
Elaine Davies Superfund Chief	EPA	EOC 202 564 3850
Jim Makris	"	
David Mobley	EPA North Carol	919 541 4676
David Solomon	EPA	Wash 919 306-0801
Rich Steffe	EPA	919 414 1096
Lee Byrd	EPA N.C.	919 345 7077
Dore LaPosta	EPA Edison	732 321 6686
Mark Maddaloni		
Marcus Kantz	US Airforce	"
Bob Walton		
Jeff Shaw	"	

Ken Grey

will be present at 1:00 pm

NOTE BLDG

NYC-WTC_000146596

- Peter Jutro	EPA	703	855 2144
- Larry Reed	EPA	703 603 8960	
- Jim Kenz	EPA	703 603 8841	
- Joe Laforgara	EPA (ERT)	732	321 6740
		732	321 6660 (24 hr)
- Jim Sidel	Denver	303	236 6147
- Nancy Kim	NYSDOH	518 402 7511	
- Andy Carlson	NYSDOH	518 402 7501	
- JLeighton			
- T Matte	CDC Assignee working w/DOH	917	731-4164

EOC.EPA.HQ@EPA.GOV

cc:
EPRB@CDC.gov

Purpose: Routine process for generating data = to understand env. impact -
ESF10 - hazardous materials
ESF8 - health & med concerns
facilitate
attempt to get feds coord &
to coord w/ state & local
colleagues.
Early phase - define purpose
in the work grp & define

NOTE BOOK

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Public Portal Document

Env. Coord Meeting - 2pm

Jore LaPosta (518) ~~288-3~~ 402-8630
732 321 6616

9/16/01

Bechtel will have a dept of dust control protocol hopefully by tomorrow

→ EPA continue bulk samples @ work site

→ PM 10 monitors

Mark Madalani -
Pat Mecher CDC
Tom Matte CDC
Nancy Kim - NYSDOH
Neal
Dore Laposta - EPA - Region 2 (Edison
Rich Scheffe

Bob Walton EPA
Andy Carlson NYSDOH
Arnie Block NYSDOH
Dan Lutter
Lt. Shelton DEC
Paul Kahan DEC
Dave Shaw - DEC
Matt Darcanzo
m1darcan@gw.dec.state.ny.us

- Sampling Results
- Water Issues
- Sampling Issues
- Dissemination of Results

Bldgs that may collapse
130 Cedar
30 W Broadway
~~200 Vesey~~
140 West

NOTE BOOK

⇒ EPA to make sure
reviews are ready
(w)m-r-d.

⇒ JL to put together
"Sampling Plan

⇒ Need to use same map.
As per Lew →
Set up std. map that
we are interested in -
Same scale,
Locations are put on the
map.
Everyday fax the data
into the map

⇒ Bring database & map →
Lt. Shevlin
402 2943
ArcView

NOTE BOOK

Public Portal Document

⇒ Get Letter Rec'd
Vacant out re: clean up
of roof tanks / roof tops

Bldg. Maint issues re
opening bldgs

Needed @ Site

State DEC ?

EPA along w/ coast guard
has been cleared to do
samplers

DEC → Terry Scherler - has fax machine
ECO in Albany

Tom Lasarsky - DEC -

EPA - all < 1% Asbestos

1st set of EPA results were
picked up this morning.

NOTE BOOK

NOTE BOOK

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Phosgene

Nancy Kim - materials
produeten -
Bryan Berge ~~x~~ chlorine -
~~where the bags were changed~~

↑

⇒ Type 4 freon

Phosgene - EPA Committe
Acute Exp Gu. delines
(Pc

↑

guidelines for emerg situations

NRC review has occurred
Thresholds not
#s won't change

Jessica Morris Command Center -
646 756 3063 - ✆
Rep CEO NYU was calling greater
Terry Bishaw
re: air sampling &
Rep from greater NY hosp assoc Susan Stuard Dir. Cc Affairs

NOTE BOOK

NYC-WTC_000146603

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ATTACHMENT

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9/25/01

Fed - Working Grp Conf Call

~~Some submitted electronically~~

~~Nancy Reed~~

EPA

1. Data Mgt
2. Discrepancy Samples
   not yet part of sampling plan
   AISER is developing a framework
   for assay sampling &
   criteria for making such decisions
   Dept to be out by mid Nov

Interim Type Samples
Heritage of Bldgs
Shuttsand U.S
P.O. bldg

Need Response to "will fax for City Hall my opin" [Send to EPA]

Today Agenda

Attached

- ~~Status~~ EPA discussion of
  Issues to make the data electronically accessible
- NJ Sampling at Terminal
- DEP - continued asbestos monitoring at 33 Vesey

NOTE BOOK

NYC 9/11 Public Portal Document

Most of Con Ed work is new extends of work done

TEM samples were verified & the lab confirmed them.

Since 9/11 - 235 PAM

Dave Shaw DEC -
all numbers each read well
< 2.5 daily std

Rationale for not sampling for PCBs
(PCBs will be rising)

EPA storm water sampler -

PCB sampling was done in runoff, high levels, plan to sample for dust.

NOTE BOOK

NYC-WTC_000146606

NYC 9/11 Public Portal Document

→ JL do template for PATH data reporting

→ Get map request to EPA

Need to meet at 57th St?

LaryReed · EPA ·

Con Ed - PAM
8/20 2 samples from yesterday on hot zone
.008 & < .007

8/19 - ~20 samples
Utility work -
→ 30 min sample of .114 f/cc
highest for longer duration .065

Trinity Pl. & Thames

Numbers are Very
Only Sample Three Six

NYC-WTC_000146607

NYC 9/11 Public Portal Document

Bk. Place + West Broadway -
resampled
.003 & < .002

~~OSHA~~ -

Ed Horn -
EPA Freshkill -
1 > .01
which is where the landing
is going. all results
~~were~~ on periphery were ND.

→ OSHA → Paul Chevajard -
PAM -
Compliance officers walking through
9/20 results -
all of the areas outside of the
Ground Zero pile (w/in 50') are & < PEL
for asbestos

NYC-WTC_000146608

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Interagency Coord Meeting
3 pm

9/21/01

Bob Chenus - NYSDOH
Jared Fox
Jen Kelpin
Harold Nudelman
NYS DOL
Matt Daraugelo > NYSDEC (Bob)
Neil Isobel
David Mehley - EPA NC

- EPA Results

Fixed Ambient

Rnd 10 - 9/19 2am - 10 am
10 samples - only 1 marginally high
@ .01
ND on PCM

5pm - 2am
1 marg. high on PCM
non detect on TEM

9/20 -
W. of Vesey - PMC ~ .01
confirmed ND @ on TEM

NYC-WTC_000146610

NYC 9/11 Public Portal Document

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NYC 9/11 Public Portal Document

Federal Agency Workers 6p 9/21/01

3 chairs { Kary Reed - EPA superfund hdqtrs ←
Bob Williams - ATSDR
~~OSHA~~ David Epolito - OSHA

Ken Wallingford - NIOSH
Tom Sinks - CDC
Fred Domic - EPA
David Mobley "
Leane Berry "
David Guerup "
Mary McAffrey "
ATSDR

Pete LaPosta

Action levels - they have developed them - update

Sampling Plan update
- what are the substances
- where the

Freshkills - asbestos + PM

→ CALL DAVID MOBLEY

→ Get 3 pm Matt Dalrymple to transmit DOT nightly summary

NYC-WTC_000146612

NYC 9/11 Public Portal Document

Correction
1200 L / surface area of filter
(25 m diam filter)

~~.0255~~

All samples had 480 L of air
.025 converts to ~ 70 fibers / mm²

Freshkills data -
any PM10 ? No data yet

PM10 monitors to be on line next week by 9/26

DEP -
requests near bldgs that were to open -
Several are > 1 - 6 + Vesey, Liberty & Church.

NYC-WTC_000146613

NYC 9/11 Public Portal Document

Direct Reading
low levels of asbestos

EPA

Ambient Results Bulk + Air
- 8 samples (5 samples on WTC 3 at dates low VOCs
(1 > TEM level @ Liberty & South End - benzene with benzene at plume samples

Remaining 4/15 samples

all low except site E .021 highest level 9/18

site B + N =
Bulk samples 4/15 - 6/11 1-2%] metals in bulk all o/c

Air samples - all < OSHA 2 above OSHA 15 samples over 8 hours

Metals - Lead 1.9 for lead (levels at 1.5 mcg/cubic meter
way below OSHA ← 50 mcg/cubic meter

DEP & Schools all < .01 fibers/cc
outside schools (ref. typ)

Water Side 1 sample high for dioxins + PCBs on Rector - storm drain

toxic equiv factor of > 50 for dioxin

PCBs = 15 / toxic equiv formed

Drinking Water sampling - All non detect for PCBs VOTE BELOW

NYC-WTC_000146614

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Interagency Env. Coord Meeting 9/20/01

Steve
Dan Crane OSTA ← ~~Bob KV~~
EPA NC
EPA superfund
Bob Williams ATSDR
Harold Nuddeman
Bob Chaney NYSDOH
David Kelley EPA
Dore LaPosta
Mark Maddalena
Mary McCaffrey

1pm conf re: data mgt.
summary
EPA ESRII
Can EPA ERT take over this role
Very useful discussion

No ~~any~~ data to were received 17-18th.

~~Proposed~~
→ Call Mary re: template for sending us data

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DAILY SUMMARY

Asbestos

(1) Get from EPA daily summary report
asbestos in fibers/cc (max conc.)

(2) ~~OSHA~~ PCM conversion to PCM

(2) OSHA - # workers monitored, # samples
avg., %, > .1, max
types of workers.
agency, Fresh Kills vs. Hot Zone
vs. outside

Contacts -
Janet Con Ed
OSHA

PM

(1) Data as I above

---

contaminant, medium, who did it,

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Data -
ESRII rep Hank Shen

1 pm call - data mgt

Data Interpretation Group
Mary McCaffrey
Nancy Kim
Mark Maddalena
Bob Williams · ATSDR
Tom
JCSS
EPA

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10:00

9/20/01
Sylvia 380
5823

Epcinto Gaver
Dave / Bob, · OSHA - Reg 2
Bob Williams - ATSDR
→ Kerry Lee - EPA Superfund
Denise Stone
Mary McCaffrey
Bob Sibolska - EPA
Dave Chaiten
Dana Tulis → sending data

Get the data -

Data volume
Denise Stone - re: ESRII data base. dealing mapping
Amy Call ESRI to see what database is compatible.

Mary McCaffrey we want them to take over data
OSHA Dave Epcito - is doing a picture rep of OSHA data

Contact folks for DataMat Meeting
ATSDR - Capt Kerry Lee
EPA - Mary McCaffrey
Denise Stone
Dana Tulis
OSHA - Paul Chaveyaud 212 337-2378
EPA Region - Bob Sibulskis 732 321-6740

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Today's conf call -
→ Send data to EPA

Jim Did we get dust sample results from EPA
Hepavac - Did we get the Hepavac trucks to clean the whole comm

FOR MEETING

① List of all fax/phones/emails to send data to -
EPA DOH DEC
To request this list please email/fax/call - 241-

②

F/U w/ Hepavacs in community

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- Have data come TO EPA
- Will come back w/ a proposal by Tomorrow - Lay out what is doable

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EPA Data Mgt Conf. Call 9/19/01

202 216 0104
8855 #

David Epolito - OSHA
212 337-2378

Edsin
Superfund
Bob Williams ATSDR
Dore Reg
Mary M
David Mobley ← Air Monitoring Plan

Send Bob Williams
Community Messages – (404) 498-0073

Larry Reed
~~Bob Kuhl~~

Dore → wants to hear the need
tried to provide

Mary Mahaffey - OEI
Phillips

Database for
Longer Term P
Data validation

Everyone needs to send data to
(1) DOH
(2) EPA
(3) Emergency Operations Center
(4)

Bob McGee
Contact
212
337-2378

OSHA safety monitors are on site 24/7
2 shifts - 8 hr. shifts

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Tues conf call

- Plans for the database?
- Asbestos fiber size
- Status of results on EPA website
-

NOTE BUDA

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10/5/01

Interagency Cont. Call

EPA database - how to access data

Pat Authenty - Doreen Bailey

Iren

Ed Herm -
sent out -
Chris was trying to see 4

Audrey Oberer - EPA Reg 2
10/4 - ~~17 samples~~ all < AIHERA
10/2 Lonefell - all < AIHERA

ambient - chromium - < NIOSH stds
bulk - No asbestos or < 1%

TOGA - benzene exceeded @
3 locations @ plume
but Non-detect in perimeter
at breathing zone

PM - Pace - BMCC -
all < ambient air for 2.5

Coastguard Staten -
24 hr. avg < std for 2.5

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→ Gertrude

EPA is continuous monitoring

Pier 25 - S. side of pier
W. of Hudson - attached to a tree on a bulkhead where they are basically

N. of Stuy
W. of Warren

12 hr. shift

clouds of dust - things are not happening

6pm meeting
Must @ site & @ barge -
some hard hats, NOT all

Person of
Sole responsibility is to wet down materials @ barge.

UFT to write stuff report ordinary info that has been done

Dep. for Chancellor Classified.
military ret letters to community.
UFT is working i Seven
additional nurses

City engineer does not have a good grasp

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Oklahoma) (telephone to parents)

HVAC system - Mechanical system as on the 11th flr. Roof checked/ mechanical on ~~9/21~~ - space & air handling units checked. Debris found on roof ~~20~~ & vent fixed (3 bulk samples ~~2/3 w~~ 1 bulk sample was 27.)
Wipe samples are qualitative -
Minor debris -
Fire bldg collapsed to custodian
~~shut down~~ ~~Set out~~ the air system
Will do further sampling on e.a. flr after system is blown out & turned on. ATC will do sampling
60 samples to be taken when the bldg is complete
Daily sampling outside at:
N. of bldg
W. Street
Towers

Howard is meeting i parents @ 4pm today

Clean of environment -
Damage - majority of debris is
Steel structure. All will be vac down.
E/A has an air monitor @ Psch 3
with 1 school - DEP putting
monitor out in front of school -

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10/3/01

School walkthru — done & will do

see bldgs

develop entrance way —

UFT, Bd of Educ., PArent Assoc.

Stipulate
students + staff to come across
bridge to 2nd flr. down to Chambers St.
mats on bridge will be wet down
by custodial worker —
work was done on bldg using
DEP protocol - cleared using TEMs +/-
samples / flr. -
done in 2 segments
6-11
1-5

Taylor Env. ATC } one did testing one " 30% QA reading

⇒ Push EPA to put on school data

Is it an abatement or not

Just blowing out insulation ⇒ on access

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10/2/01

Bob williams
Tom Stuckis Eckman
Steve Ocasecke Bechtel
Chris Hoffman OSHA
David Stew DEC

DEP →
Fulton + Church > .01
Trinity + Rhame > not yet TEM confirmation
W. + Albany .012 - W + Albany

EPA -
asbestos - air -
9/29 - a few exceeding ACTERA
E. F
↗ ↖
SE+Lib SE + Rector

Landfill - not much -
1 > PCM std on air
No T Rule

~~Both~~ -
10/3 - silicates - all below detection
Landfill - all below ACTERA

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10/2/01

Fed Conf. Call

Data Mgt Update -

Debbie Vallani -

Oracle database - not public access database - released late on Fri.

built from a conversation of the Region 2 Access database and the NYC Excel database spreadsheet -

These get uploaded into the Oracle database -

Other vendors are sending data.

Will be coming to NYC tomorrow -

Outputs now are non-user friendly - You can now drop into an Excel spreadsheet to manipulate. It is now a private database.

~~Dept~~:

Trying to develop mapping interfaces.

Cathy Callahan - Reg. 2 -

Info on the website now is collaborative work by a lot of EPA groups

Some of the data are being hand entered. Database is not only EPA - at least 9 providers. The website info is only EPA.

OSHA/NIOSH data - want some assurance that the data are protected but currently there is no NIOSH data in the database

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_ coord. of the data collection

Ken Wallingford - occup exp data on workers in the restricted gen
Has not provided any data to the database yet. Cant provide data for mapping - Summarize all occup data from 9/11 until Fri this week. Summaries provided to NICB have been ad hoc

Dave Ecduto - aware of the Becktel request to post data ~~for~~ for workers

~~Sum~~

Reoccupancy Sampling (Bob Williams) Lynn.
2/3 of sampling plan is developed
Not VOCs, dioxins, PCBs
Need quick response - Need to get act together
~~Need~~
Need assessment of responsibility under disaster response - Need to figure out proper leads

Obj.-

Susan Zapata
OAQPS →
Unoccup. - aggressive indoor air sampling
NIOSH methods for asbestos respirable particles ~~are~~ don't have a certain method

Mark Maddaloni - PCM in apts.
Not a good way

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-EPA web site (all army reserve) 9/1/01

Artie Block
Mark Maddalena
Ed Hern / Bob Chinery
Eric Esswein NIOSH
Larry Reed
Bob Williams
Robert [illegible]
Henry Kelpin
[illegible] Shaw (Debbie Vallari)
Fred Bernard
Matt Lamarque / Dave Shaw

Mark Maddalena -
PCM - nominally over the limit -
Most TEM was neg. → mostly small fibers
2 exceeding AHERA
Still high hits / benzene in the plume
but when you move a few yds from the
plume the drop (Liberty & Greenwich)
Benzochloride - 1st time just slightly
elevated.
Benzene - plastics from computers - grab samples
.002 mg/sample (2 mcg/sample)

Bob Chinery - EPA

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One of the representatives on the group is from calls from constituents. Maybe a public. →

We are an uncharted waters in clean home sampling - Maybe if EPA's RTP op EPA ORD Indoor Air Quality - (Office of Air + Radiation)

Need a way to involve the community.

Liaisons in ESFA - Health Science people

↓

Health + Human Services

Bush Assessor MD coming on Tues.

1-2 m -

Updated response plan HHS is the primary agency + EPA is a support agency -

Use the Bob Williams

Ken spoke to Kelly McKinney to get more info. EMSL is the key env lab -

Soliciting community interest/opinions - for community meetings - Not a good idea.

Talk to Bob Williams on Monday morning -

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Saturday
9/29/01

Indoor Air Sampling
Conf Call

Chemicals from fire - products from incomplete combustion - clearly have short term exposure (& nausea, sore throat, watery eyes) but no long term effects

only short term solⁿ is to clean and from wearing dust masks

People may fear going back to their apts. Until we better understand the concerns, when you go indoors, the ventilation is by and getting their air from outside.

Some of the apts may have had previous indoor air problems [tobacco, perfume]

Would take a lot to say an apt is not acceptable for in terms of indoor air

If we need to do indoor air, we should start in common areas. At SDR is probably ok w/ that - Don't promise apt sampling

It may be useful to identify a group of residents who may be helpful in identifying the problems

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9/25
NYC Fire -
asbestos n= 10 Street location
airborne neurons -
4 non detect
6 < 1%
all Area in 2a controlled zone
W. + Vesey
Fulton + Church
Liberty + Trinity
" + Greenwich
" + West
Vesey + Albany

9/16 - PCBs -
4 samples - all from + crush-hand stds.
Bay + Church
2 + Trin
Vesey + West
Green + Albany

9/16 Inorg acids -
HF HCl phosphoric acid,
sulfuric acid nitric acid -
most below accep. stds

9/26 -
TOGA for VOCs
real samples
only Rang 4 flow - then over
a couple 1 Kept hanging - 6 locations
1 Tower right in the plume - 130 ppb
[illegible] low wind direction

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Interagency
wtcdata@qw.dec.state.ny.us 9/28/01

Fred Nimick EPA ← Nathaniel Hyppew
Matt Dacarmilo Abbie Vaden
Emil NIOSH Mark
Ed Kinn Chem Tim Dowd
Mike Blosh ATSDR
Daniel Beam Lynn Wilder Bob Williams

Tom Plesowski - spoke to SEMS
to do indoor air monitoring

Proposed analysis:
3 wipes
9/25 2pm - 7pm
5 of samples ≥ .01
No > TEM AHERA
Sampling times were reduced

9/26 Midnight - noon
6 of 17 samples ≥ 0.1 PCM
None > TEM AHERA

Noon -
all below by PCM - TEM

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For 9/28/01 conf call

(1) - Anyone w/ an impt result should communicate to DOHEOCDES@YAHOO.COM

- Send results to M.C Dept
- Put on EPA web
- Call on Monday

(2) Request to SEMA → indoor air testing memo dated 9/21/01
asbestos metals, PCBs, dioxins/furans,
lime/calcium carbonate,

DEC -
10 locations -

(3) update

what now, Sunday?

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9/29/01

Sven (EPA) 404 498-0471
EPA has a congressional request to do indoor residential sampling.
EPA Region 2 had tasked about dust wipes / dioxins

press person Janice Piper 202 564 7836

DEP Greg Kelpin
~~404~~ 718 595 3627
4543

EPA - Needs to have a person here. Can Mark be assigned

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Nathaniel Hyppert

20 W. Street - near downtown
Albany St.
Albany St is the boundary

Sam
Mary McAffrey →
Database
Map for air & asbestos →

Administrator →

B & G Gaver:
continue to do task specific
sampling on the debris pile
Values continue to be low
except EO

917
731
8848

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⇒ Direct Assistance from EPA/CDC for interpretation of data

⇒ Navy - direct assistance letter for EPA monitoring

→ Summary data →

Chris / Steve -

BPC & commercial space where there is a smoke plume to set up VOC canisters

Fed office @ 90 church - 7 floor setback -

Gateway Plaza - 6 bldgs. →

Condos on Albany on S. side of WTC -

1 of Gateway Plaza, closest 90 N. of Fireproof Condo - E. is a bit downwind

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OSHA will try to put monitors

What is causing the CO? →

24 yrs today - NIOSH and
Lerce data -

asbestos levels are low even by PEL
metals not exceeded
silica not a problem -

~~Ted~~ are sampling for PAHs

NIOSH -
~ 48 hr. turnaround time for asbestos

TOXALOGS are instance

Debbie (EPA)
EPA is putting together an integ
system of mapping info -

~~Sta~~ Normalizing EPA data

office of air.
GIS capability has not been integrated

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9/26/01

Mary McAfee
Sven Rodenbach - Con meeting
Ed Conway - MOEC
Arlie Black - ATSDR
Gerry Kelpin - OEP
Bob Harvey OSHA
Fanya Ross DOL
Mark Maddalena EPA

EPA
9/24 fixed ambient - 2am - 2pm
15 locations reporting
all < OSHA & NYC reentry
by PCM + TEM
720 L - 8 hr. period
9/22 NJ - 12noon - 10pm
4 samples all < detectable
PCM & TEM
but 1 still pending on TEM
9/23 + 9/24 Freshkills - 6:30pm - 6:30am
all < OSHA
USPHS ??
⇒ Send Mark -
9/24 - Freshkills 6am - 6pm
all < OSHA

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~~Fred~~

Cathleen ~~Fred~~ Fred

PM monitors - hope to have operational by Thurs & Fri to do PM 10 in a TEOM style. By Fri we should have results -
Download the data wk

* EPA - dust asbestos
9/23 - all 11 were ND -
around ground zero & entry points
~~for real [illegible]~~

Freshkills - all samples < .01 PCM + TEM

Maureen Cox - PESH

~~OSHA~~

Mary McAffrey -

Bob Williams - will try to call Dave Epcuto to discuss data

EPA asbestos Data to be provided by EPA tomorrow

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DIVIDER

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THE CITY OF NEW YORK
LAW DEPARTMENT
100 CHURCH STREET
NEW YORK, NY 10007

MICHAEL A. CARDOZO
Corporation Counsel

JAY L. COHEN
Phone: (212) 341-3687
Fax: (212) 676-2599
JCohen@law.nyc.gov

July 21, 2003

Mr. Chris Dunlap
U.S. EPA Office of the Inspector General
Mail Drop: N-283-01
RTP, North Carolina 27711

Re: Excerpts from Draft Evaluation Report: EPA's Response to the World Trade Center Collapse: Lessons Learned, Assignment No. 2002- 0000702

Dear Mr. Dunlap:

Enclosed is a report concerning the Public Health Investigation to Assess Potential Exposures to Airborne and Settled Surface Dust in Residential Areas of Lower Manhattan. I will send a report tomorrow from the New York City Department of Environmental Protection concerning the cleaning of exteriors of buildings in the area of the World Trade Center site. If you would like any other information, or if you would like to discuss these documents or our comments, please call me. Thank you for your time and cooperation.

Sincerely yours,

Jay L. Cohen

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Final Technical Report of the Public Health Investigation to Assess Potential Exposures to Airborne and Settled Surface Dust in Residential Areas of Lower Manhattan

September 2002

New York City Department of Health and Mental Hygiene
and
Agency for Toxic Substance and Disease Registry
U.S. Department of Health and Human Services

As a part of the
World Trade Center Environmental Assessment Working Group

September 11, 2001

In remembrance of those who were lost on September 11, 2001, and to the families and friends who will love them forever and keep their memories alive.

In grateful recognition of the countless responders and the many who supported their efforts.

New York City Department of Health and Mental Hygiene

U.S. Agency for Toxic Substances and Disease Registry

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EXECUTIVE SUMMARY

From November 4 through December 11, 2001, environmental samples were collected in and around 30 residential buildings in lower Manhattan. In addition, four buildings above 59th Street were sampled and used as a comparison area for this investigation. The New York City Department of Health and Mental Hygiene (NYC DOHMH) and the U.S. Agency for Toxic Substances and Disease Registry (ATSDR) conducted this limited investigation with support and collaboration from the U.S. Public Health Service Commissioned Corps Readiness Force and the World Trade Center Environmental Assessment Working Group. The purpose of the sampling was to assess the composition of both outdoor and indoor settled surface and airborne dust within residential areas around the World Trade Center. This information was used to help determine whether additional public health actions are needed to address any remaining World Trade Center-related dust inside residential areas. The information collected could also be used to compare the findings from the locations that were known or were likely to have received dust directly from the collapse of the World Trade Center towers, to findings from areas that were unlikely to have received dust directly from the disaster (comparison areas).

Attention was given to those materials reasonably expected to be in the original dust cloud and in dust generated by ongoing activities at the World Trade Center. The focus was on building materials that have been shown to have irritant properties (e.g., synthetic vitreous fibers [SVF] and gypsum) and be associated with long-term health concerns (i.e., crystalline silica and asbestos). The samples collected during this investigation were analyzed for the following materials: asbestos, SVF, mineral components of concrete (crystalline silica, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite). Efforts were made to get as much

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information as possible with the sampling that could be conducted, given accessibility and equipment limitations.

Results from this investigation do not necessarily reflect conditions that would be found in other buildings, at other times just following the collapse, or after the sampling period. The measurements reflect conditions present at the time of the sampling (November 4-December 12, 2001) in the buildings and areas sampled. The limited number of results obtained from the comparison areas above 59th Street was an attempt to determine the New York City–specific background levels of asbestos, SVF, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite).

Sampling Overview

U.S. Public Health Service Commissioned Corps Readiness Force Officers were detailed to the New York City Department of Health and Mental Hygiene and composed the sampling teams for this investigation. The teams completed a survey form for each sampling location. The information collected by the survey was obtained from direct observations and from owners or representatives of building management when available. The survey form and photographs were reviewed along with the analytical results to put the sampling results into the context of where and how the samples were obtained and to determine the general conditions of the sampling locations.

Air and settled surface dust samples were collected and analyzed for the following materials used in WTC construction components: asbestos, SVF, crystalline silica, calcite, portlandite, gypsum, mica, and halite. SVF (e.g., fiberglass) is used in thousands of products because of its chemical resistance, strength, and ability to insulate against heat and sound. All of the crystalline minerals analyzed in this project are commonly used in building construction materials. *Quartz,* a form of crystalline *silica*, is a naturally occurring mineral and is a component of cement. *Cristobalite* and*tridymite* are different crystalline forms of silica. *Calcite and portlandite* are naturally occurring, high pH minerals used in cements and mortars. *Gypsum* is a naturally occurring mineral used in plaster, wallboard, and in some cements. *Mica* is a group of naturally occurring minerals that are used in paint, joint cements, plastics, roofing, and rubber. *Halite* (also known as rock salt or sodium chloride) is used in ceramic glazes, fire extinguishing, metallurgy, and highway de-icing and table salt.

In addition to analyzing the samples for the fibers and minerals found in common building materials, when a sufficient quantity of settled surface dust was present, it was mixed with water and the pH of the resulting mixture was measured.

Air Samples

Air samples were collected using vacuum pumps to draw air through a filter positioned at an adult's breathing level. In addition to a filter for fiber analysis, multiple particulate samplers were

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placed at each sampling location to collect different particle sizes including respirable (PM4 and PM2.5), thoracic (PM10), and total inhalable (PM100). This resulted in the collection of overlapping, or nested, particulate size fractions.

The particle size determines how deeply a particle can travel into the respiratory tract. Respirable particles with diameters of 4 microns or less (PM4) are very small particles that can be breathed in and can travel deeply into the air sacs of the lung. At some locations another sampler was used that collected a smaller set of respirable particles, those with diameters of 2½ microns (PM2.5) or less. Another sampler collected particles with diameters of 10 microns (PM10) or less. This sampler would collect not only respirable particles, but also those slightly larger particles that tend to land in the upper regions of the respiratory tract, including the throat. A fourth sampler collected a larger set of particles, those 100 microns (PM100) or less in diameter. The larger particles in this fraction can land in the nose and throat. Where a particle lands determines what types of health effects might be experienced. Particles too large to travel into the narrower passages of the lower respiratory tract might deposit in the upper airways (e.g., the nose and throat) and cause irritation. Similarly, larger particles might cause eye irritation. If the settled surface dust contains sufficient amounts of particles of a very small size, then effects consistent with particles reaching the lower respiratory tract might occur (coughing, shortness of breath).

Each of the particulate air sample fractions was analyzed for crystalline minerals (quartz, cristobalite, tridymite, calcite, portlandite, gypsum, mica, and halite). X-ray diffraction analysis (XRD) identifies a mineral by the unique diffraction pattern given off when the x-ray strikes its surface. The diffraction pattern serves as a "fingerprint" to identify the mineral present.

Other air samples were screened for fibers using phase contrast microscopy (PCM) to count the total number of all fibers present. If the concentration of total fibers was higher than the maximum concentration of fibers found in the comparison homes (0.003 fibers per cubic centimeter of air) the sample was re-analyzed for asbestos by transmission electron microscopy (TEM). Additionally, scanning electron microscopy (SEM) was used to look for SVF if the PCM fiber counts was higher than 0.003 fibers per cubic centimeter (f/cc) and if the settled surface dust sample from that area contained SVF.

Settled Surface Dust Samples

The composition of settled surface dust reflects particles and fibers that have been tracked into an area or that were present in the air and have with time, deposited on surfaces. Settled surface dust was collected indoors using a specialized vacuum cleaner. Outside settled surface dust was collected by scooping any visible dust-type material into a container. As with the air samples, the settled surface dust samples were analyzed to assess the presence of fibers and minerals. The analysis performed does not allow the determination of what size particles are present in the dust. The composition of the settled surface dust was evaluated to

determine if, on the basis of its composition, it could be an irritant if it became airborne or came in contact with skin or eyes during cleaning activities.

The dust samples were analyzed for the presence of asbestos and SVF using polarized light microscopy (PLM). PLM can distinguish between fiber types by their unique appearance and color when viewed under different wavelengths of light. In addition, TEM analysis was conducted on all dust samples that showed asbestos content by PLM as less than 1%. TEM analysis is very specific, can detect smaller fibers of asbestos, and is subject to less interference than PLM.

The dust samples were also analyzed for mineral content using XRD as described previously for the air samples. For the dust samples, the mineral and the fiber results are expressed as a percent, indicating the weight percent each component represents in the portion of the dust sample analyzed. The different analytical techniques, XRD and microscopy (PLM, TEM, SEM), help to characterize what was in the settled surface dust; however the results from the two methods each performed on a portion of the dust collected, cannot simply be added together to "sum up" what was in the dust. XRD results are based upon the weight of the dust sample analyzed. While, PLM, TEM, and SEM results are based on the surface area viewed under the microscope.

Limitations

While the goal of the sampling was to evaluate the air and dust samples for a range of contaminants, there is no one sample collection method or analysis that can provide all of the determinations that were desired. The analysis strategy was to identify what components were present in order to provide the public with information quickly if any of the analyses revealed a significant concern. In order to strive for both of those goals, some modifications to conventional protocols were made which limited some analyses from determining the precise level of the materials in the sample (e.g., XRD conducted on air and dust samples). Whenever an analysis is expanded beyond its specific intent, there is the potential loss of sensitivity and an increase in the variability in the data. Those particular analytical results are reported as estimated values and marked with a "J."

Results for the airborne particulate matter were rejected due to issues found during the quality assurance analysis. However, the XRD analysis for airborne minerals that used the same filter samples as the particulate matter analysis are considered valid because the analysis method does not depend on the filter sample weighing process used to determine the particulate matter concentration. The XRD mineral air concentrations are based on individual mineral weight standard curves—not the weight of the dust sample collected on the filters. These standard curves are not impacted by pre- and post-sampling filter weight variability.

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Air Sampling Results

Total fiber counts of air samples taken in lower Manhattan were similar to the comparison areas above 59th Street sampled during this investigation. The six lower Manhattan areas that had elevated total fiber counts were re-examined by TEM and SEM to determine the types of fibers. The TEM and SEM results indicated that neither asbestos nor synthetic vitreous fibers (e.g., fiberglass) contributed to the elevated total fiber counts.

Air sampling results for minerals detected quartz (a form of crystalline silica) and other building-related materials in lower Manhattan. The other forms of crystalline silica were not detected in any air samples except for a one-time detection of cristobalite. The estimated concentrations of these minerals in air were low. In some locations, mineral components of concrete (quartz, calcite, and portlandite) and mineral components of building wallboard (gypsum, mica, and halite) were detected in air samples at higher estimated levels in lower Manhattan residential areas than in samples taken at comparison residential areas above 59th Street. The levels of minerals seen in airborne dust do not pose potential health hazards even for a continuous year of exposure at the highest levels detected.

Settled Surface Dust Results

Results of the settled surface dust analysis indicate the composition of settled surface dust in lower Manhattan is different than the dust analyzed from the comparison areas above 59th Street. Although the materials found are consistent with materials expected from the World Trade Center collapse, these results cannot determine the actual source of the materials present because these materials are common building components and can come from other sources in a busy urban area.

In lower Manhattan, asbestos was found in indoor dust in 15 of 83 (18%) samples from residential units and common areas at levels ranging from less than 1% (<1%) to 1.5%. Asbestos was detected in 6 of 14 (43%) outdoor samples at levels ranging from <1% to 3.4%. Indoor settled surface dust contained SVF in 40 of 83 (48%) locations ranging from 2% to 35% of the dust content. SVF was detected in 11 of 14 (79%) outdoor locations at levels ranging from 1% to 72%. No asbestos or SVF was detected in dust in the comparison areas above 59th Street.

The XRD analysis for crystalline minerals in settled surface dust is semiquantitative (estimated values, indicated by "J"). However, quartz, calcite, portlandite and gypsum appear to make up a higher percentage of dust in some buildings in lower Manhattan when compared to settled surface dust samples from buildings above 59th Street. Quartz was detected up to an estimated 31%J versus up to 2%J found in the comparison areas above 59th Street. Neither cristobalite nor tridymite was detected in any of the settled surface dust samples. Similarly gypsum was found at a maximum estimated concentration of 30%J in settled surface dust, higher than the 4%J estimated in the comparison areas above 59th Street. Calcite and portlandite had maximum concentrations of 21%J and 8%J respectively. At lower Manhattan

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locations sampled, quartz was detected in 81% of common areas and 53% of residences. Gypsum was seen in 88% of common areas and 79% of residences. Minerals were found in all lower Manhattan outdoor settled surface dust samples at estimated values ranging as high as 27%J quartz, 19%J calcite, 6%J portlandite, and 27%J gypsum. No visible settled outdoor dust was available in the comparison areas above 59th Street.

Several of the minerals detected in the settled surface dust samples, such as portlandite and calcite, can make the dust more alkaline, or raise the pH. Only two dust samples provided enough material for the determination of pH. The samples, collected from two outdoor locations in lower Manhattan, had pH levels of 8.6 and 9.8. On the pH scale, values less than 7 are considered acidic, a value of 7 is neutral, and values above 7 are alkaline or basic. Based on the results of the pH analyses, these dust samples are slightly alkaline. This is consistent with the detection of portlandite and calcite (alkaline minerals present in concrete) in the mineral analysis of the dust sample from the same location.

Conclusions

Based upon the analytical results of samples taken between November 4 through December 11, 2001, and information collected during the sampling effort, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry make the following conclusions (not in order of importance).

· Total fiber counts of air samples taken in lower Manhattan were similar to the comparison areas above 59th Street sampled during this investigation. The six lower Manhattan areas that had elevated total fiber counts were re-examined by transmission electron microscopy (TEM) and scanning electron microscopy (SEM). The TEM and SEM results indicated that neither asbestos nor SVF contributed to the elevated fiber counts.

· Low levels of asbestos were found in some settled surface dust, primarily below Chambers Street. Many of the lower Manhattan locations sampled had been previously cleaned prior to this investigation. No asbestos was detected in the comparison indoor dust samples taken north of 59th Street. The City of New York has conducted follow-up activities at the locations where asbestos was detected in settled surface dust. Only two follow-up locations, outdoor areas, required professional asbestos abatement. Following-up activity at the other locations did not find any asbestos containing materials.

· When compared with the results obtained from the comparison sampling locations, the lower Manhattan residential areas sampled by this investigation tended to have a greater percentage of SVF (primarily fiberglass), mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) in settled surface dust. However, the frequency of detections and prevalence patterns of

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these minerals are similar in both residential areas.

· Exposure to significant amounts of synthetic vitreous fibers (SVF), mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum) may cause skin rashes, eye irritation, and upper respiratory irritation, all of which have been voiced as concerns by citizens and first responders. If the reported irritant effects are associated with World Trade Center related materials, these effects will subside once exposure to SVF, mineral components of concrete, and mineral components of building wallboard end. Some people with pre-existing heart or lung disease (e.g., asthma) or a previous history of very high levels of exposures (occupational) to SVF, mineral components of concrete, and mineral components may be more sensitive to the irritant effects of SVF, mineral components of concrete, and mineral components of building wallboard.

· Sometimes mineral components of concrete (calcite and portlandite) and mineral components of building wallboard (gypsum, mica, and halite) were detected in air samples at higher estimated levels in lower Manhattan residential areas than in samples taken at comparison residential areas. These detected mineral levels are orders of magnitude below occupational standards. Although the occupational standards do not account for sensitive individuals or extended periods of exposure, they provide a comparison to an established health guidance value. The levels of minerals seen in airborne dust do not pose potential health hazards even for a continuous year of exposure at the highest levels detected.

· Some settled surface dust could become airborne if disturbed. Therefore, people could potentially inhale the asbestos, SVF, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) found in settled surface dust of some lower Manhattan residences. Because we did not determine the weight of dust present in the areas sampled, it is not possible to determine whether any particular residence had an elevated dust loading. Appropriate continued frequent cleaning should minimize exposures.

· Several worst-case assumptions were made in order to assess the potential long-term public health risks of airborne asbestos and quartz. Some of the assumptions were that no cleaning of indoor spaces has occurred or will occur, all fibers found in air were asbestos fibers, and the highest levels detected last fall in air represent long-term air levels. Using these worst-case assumptions, prolonged exposure (decades) to airborne asbestos and quartz *may* increase the long-term, theoretical risk of people developing lung cancer and other adverse lung health effects (more than 1 additional case in 10,000 people exposed). For individuals who conduct frequent cleaning of their residences, as recommended in this report, or participate in the U.S. Environmental Protection Agency cleaning/sampling program, it is unlikely that their exposure would resemble these worst-case conditions.

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· A review of the building sampling results from this investigation indicates that there is not a consistent spatial distribution pattern of asbestos, SVF, mineral components of concrete, and mineral components of wallboard in air and settled surface dust. This indicates that the materials are heterogeneously distributed. There are many factors that may contribute to the heterogeneous distribution, including whether the area was cleaned (indoors and outdoors), cleaning method, date since last cleaning, and how much dust was initially in the area. It is not clear which factors contributed to this pattern.

· Results from this investigation do not necessarily reflect conditions that would be found in other buildings, at other times just following the collapse, or after the sampling period. The measurements reflect conditions present at the time of the sampling (November 4–December 12, 2001) in the buildings and areas sampled. The limited number of results obtained from the comparison areas above 59th Street may or may not reflect the New York City-specific background levels of asbestos, SVF, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite).

Recommendations

Based upon the conclusions of this investigation, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry make the following recommendations.

· Because more asbestos, synthetic vitreous fibers (e.g., fiberglass), mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) were found in settled surface dust in lower Manhattan residential areas when compared to comparison residential areas, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry are recommending that people continue to conduct frequent cleaning with HEPA vacuums and damp cloths/mops to reduce the potential for exposure.

· To ensure that the recommended frequent cleaning is effective and to ensure that the health of the people of New York City is protected, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry are recommending additional monitoring of residential areas in lower Manhattan. In addition, an investigation should be conducted to better define background levels specific to the city of New York for asbestos, synthetic vitreous fibers, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite).

· Lower Manhattan residents concerned about possible World Trade Center-related dust in their residential areas can request cleaning and/or testing from the U.S. EnvironmentalProtection Agency (EPA) by logging on to the agency's World Trade Center Web page at www.epa.gov/wtc or by calling the EPA hotline at 1-

877-796-5471.

ABSTRACT

The New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry in collaboration with the U.S. Public Health Service Commissioned Corps Readiness Force and the World Trade Center Environmental Assessment Working Group conducted a limited investigation of residential areas near and around the World Trade Center (WTC). The purpose of the investigation was to assess potential exposures to airborne and settled surface dust that entered residential areas following the collapse of the WTC buildings.

Sampling of the residential areas occurred from November 4 through December 11, 2001, and was conducted by U.S. Public Health Service Commissioned officers detailed to the New York City Department of Health and Mental Hygiene with assistance from the New York City Department of Health and Mental Hygiene.

The results of this investigation do not necessarily reflect levels that would be found in other lower Manhattan buildings or residential areas; the measurements reflect levels that were present at the time of sampling in the specific residential areas sampled. The limited number of results obtained from the comparison areas above 59th Street may or may not reflect the New York City-specific background levels of asbestos, synthetic vitreous fibers (SVF), mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite).

Low levels of asbestos were found in some indoor and outdoor settled surface dust, primarily below Chambers Street. Many of the lower Manhattan locations sampled had been cleaned prior to this investigation. No asbestos was detected in the comparison indoor dust samples taken north of 59th Street. Not enough visible settled dust was available to collect outdoor samples in the comparison area. When compared with the results obtained from the sampling locations above 59 Street, the lower Manhattan residential area settled surface dust sampling results tended to have higher percentages of SVF, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) in settled surface dust.

Because asbestos, SVF, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) were found at higher levels in settled surface dust in lower Manhattan residential areas when compared to comparison residential areas above 59th Street, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry are recommending that people continue to conduct frequent cleaning with HEPA vacuums and damp cloths/mops to reduce the potential for exposure and/or participate in the U.S. Environmental Protection Agency cleaning/sampling program.

Total fiber counts of air samples taken in lower Manhattan were similar to the comparison areas above 59th Street sampled during this investigation. The six lower Manhattan areas that had elevated total fiber counts were re-examined by transmission electron microscopy (TEM) and scanning electron microscopy (SEM). The TEM and SEM results indicated that neither asbestos nor SVF contributed to the elevated fiber counts. Sometimes mineral components of concrete (calcite and portlandite) and mineral components of building wallboard (gypsum, mica, and halite) were detected in air samples at higher estimated levels in lower Manhattan residential areas than in samples taken at comparison residential areas. These detected mineral levels are orders of magnitude below occupational standards. Although the occupational standards do not account for sensitive individuals or extended periods of exposure, they provide a comparison to an established health guidance value. The levels of minerals seen in airborne dust do not pose potential health hazards even for a continuous year of exposure at the highest levels detected.

INTRODUCTION

At 8:45 am eastern standard time on September 11, 2001, a commercial jetliner struck the north tower of the World Trade Center (One World Trade Center). At 9:03 am, the south tower (Two World Trade Center) was also struck by a commercial jetliner. The south tower began to collapse at 10:05 am. At 10:30 am, the north tower began to collapse. (1,2,3,4)

The collapse of these structures released massive amounts of dust and debris that covered lower Manhattan. Residents were evacuated from many areas south of Canal Street. On September 19, pedestrian and vehicular traffic restrictions for below Canal Street were modified (5). As residents moved back into the areas, they requested information on the safety of the dust and air in the area and the types of cleaning methods that should be used. The New York City Department of Health and Mental Hygiene provided guidance on cleaning for area residents and requested federal assistance in assessing potential exposures to airborne and settled surface dust that entered residential areas following the collapse of the World Trade Center (WTC) buildings.

BACKGROUND

A. World Trade Center Towers

The World Trade Center was a complex of 7 buildings on 16 acres surrounding a 5-acre plaza in lower Manhattan. The complex was bounded by Vesey Street on the north, Church Street on the east, Liberty Street on the south, and West Street on the west. The twin towers were the center of the complex. Each tower had 110 floors; the north tower was 1,368 feet tall and the south tower was l,362 feet tall. Each tower had approximately 43,200 square feet on each floor. There were seven underground levels that contained services, shopping areas, and a subway station. There were two plaza buildings (WTC 4 and WTC 5) on Church Street that had nine stories. WTC 7 was a 47-story office building. Design and structure details of the towers are shown in Table 1 (1,2,3,4,6). Basic location and U.S. Census population information

about lower Manhattan is provided in Table 2 and Figures 1 through 4.

B. Potential Contaminants

The dust cloud released at the collapse of the buildings was comprised of materials that were used in the construction of the buildings (such as concrete and insulation materials). In addition to the dust cloud from the building collapse, contaminants were released in fires fed by jet fuel and the combustible materials in the buildings.

The dust contained the constituents of concrete, wallboard, and insulation. Concrete is a mixture of cement, aggregate (sand and gravel), and water. Cement contains limestone, clay, gypsum, and metals. Sometimes other minerals (such as fly ash or crystalline silica) are added to concrete to change its properties. Concrete tends to have a high pH, and if dust from the concrete was mixed with moisture, the resulting solution would tend to have a high pH. Asbestos was used as insulation in a portion of the towers. Fiberglass, a synthetic vitreous fiber, was also used as insulation in the buildings and is likely to have been used in building furnishings. Surface dust and debris containing asbestos have been found in lower Manhattan. Asbestos was detected in the personal air samplers of rescue and recovery workers. In addition, low levels of asbestos, fibrous glass, and the constituents of concrete and wallboard have been detected in air samples collected at the WTC site perimeter. These materials are common building components, and there are other sources of these materials in any large urban areas.

C. Monitoring in Lower Manhattan After the Collapse of the World Trade Center

The U.S. Environmental Protection Agency (EPA) and other federal, state, local agencies, and private firms have been conducting environmental monitoring in a variety of media since September 11 (some of the ambient air sampling locations are depicted on Figure 5). In November 2001, EPA tasked the IT Corporation Quality Assurance Technical Support Program contractor to evaluate the environmental monitoring data that had been collected. Through April 24, 2002, there were approximately 263,000 sample results analyzed (7). There were 605 analytics that were included in the database such as asbestos, fibers, particulates, metals, volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). The greatest number of analytical samples was collected for analysis of total fiber concentration, asbestos fiber concentration, or the percentage of asbestos. The overall largest number of samples in the monitoring was for particulate matter. The monitoring stations for particulate matter (roof-top locations) are a part of the New York State Department of Environmental Conservation air quality-monitoring program. Additional stations were added after the WTC towers collapsed.

The analytical results of air samples showed decreasing concentrations that appeared to have reached pre-existing background levels by the end of April 2002 (7). Bulk dust samples

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were tested for asbestos, dioxins/furans, PCBs, PAHs, and metals. The levels for some of the analytics (e.g., asbestos) were relatively high; however, only a few samples obtained after mid-October showed elevated levels (7). In general, air monitoring near the WTC has not detected any pollutants from the fire and building collapses at levels that are of public health concern. Within the restricted zone (within one block of the WTC), low levels of asbestos have been found in the airborne dust from the building collapse (7). Bulk dust and air samples (mostly on or near the work site), as well as surface runoff water, river sediment, and river water have been analyzed for other contaminants, including metals, VOCs, PAHs, dioxins and PCBs. These contaminants were found at low levels that did not indicate a need to conduct further sampling for them at the time of the residential sampling (8).

D. Community Exposures

The most likely routes of community exposures to contaminants would be through breathing in airborne dust and through direct contact with surface dust and debris. The sampling plan was developed to determine the potential for exposure to building material-related contaminants in air and dust.

E. Human Health Effects of Concern

The primary health effects of immediate concern are respiratory effects and irritant effects from inhalation of or direct contact with building-related materials. Many of the materials expected to be in airborne dust can cause eye, nose, and throat irritation. In addition, those materials that can be inhaled or respired from airborne dust can cause respiratory irritation and exacerbation of pre-existing problems such as asthma, emphysema, and cardiopulmonary disease. Materials in the surface dust can cause skin irritation on contact. There have been reports of burning throat and eyes from residents returning to the area.

OBJECTIVES

The **overall objective** of this sampling was to provide results upon which public health agencies could further determine the potential for environmental exposures to WTC collapse-related materials and possible health implications of the exposures. Sampling was intended to better characterize ambient and indoor airborne and potentially airborne particles (surface dust) in residential areas of lower Manhattan from the collapse of WTC.

Specifically, the objective was to characterize the makeup and size distribution of airborne breathing zone dust in residential areas—both indoors and outside—near the WTC. This information was used to further determine whether materials were present in air at levels of public health concern and whether settled surface dust contained materials that could potentially be re-entrained and result in continued exposures.

Note: The sampling approach was focused on contaminants that

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emanated from the collapse of the WTC towers and that might cause health problems. However, this investigation could not conclude if contaminants or materials found actually came from the disaster. The contaminants that were selected for testing could be present in some areas from other sources. Some typical examples of this include cooking on a stove top, which can increase indoor airborne particulate matter; vehicle exhaust, which can increase outdoor airborne particulate matter; and recent home renovation activities, which can result in an increase in levels of gypsum, fiberglass, and other materials in air and surface dust.

METHODS

Details on the methods used in the residential sampling investigations are included in the residential sampling plan that is on the New York City Department of Health and Mental Hygiene's Internet page (http://www.nyc.gov/html/doh/pdf/alerts/indoor1.pdf). Printed copies of the plan can be requested from the New York City Department of Health and Mental Hygiene.

A. Sampling Approach

A series of three concentric circles was drawn around the WTC location. The circles were then divided by direction or zone from the WTC (north, south, and west). Attempts were made to obtain access to the same number of residential buildings per zone for sampling. Four residential buildings above 59th Street were selected for testing to determine what levels of fibers and minerals might be routinely found in the city.

Once a building was selected, air and settled surface dust sampling occurred in up to four different locations: an area outdoors near a main entryway to the building; an area inside of the main entry (or other common area); and two residential units. Informed consent for sampling was obtained and questions were asked about details that could aid in interpreting the sampling results (such as whether the windows were open on the morning of September 11, 2001).

Both air and settled surface dust samples were collected in high traffic or routinely used areas of the space. For example, settled surface dust was collected from areas where individuals frequently walked, not from behind furniture or underneath kitchen appliances. Air sample inlets were at approximately 4 feet in height above the ground/floor surface to provide results more reflective of what might be inhaled.

Attempts were made during air sampling to obtain data that would reflect what might be in the air during periods of high activity. If the selected area was not occupied at the time of sampling, and if there was no central heating or air conditioning system that could result in contaminant migration into another occupied area, aggressive air sampling was conducted. If the area was occupied, the heating or air conditioning system fan was turned on during the period of sampling. This would not represent a period of high activity, but would present data that might be found during typical

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or normal activity.

B. Samples Taken

Sample collection was conducted from November 4, 2001, to December 11, 2001, for the lower Manhattan area and from December 6–10, 2001, for the comparison buildings above 59th Street. Because of the limited and time critical essence of this investigation, thirty buildings in lower Manhattan were sampled, and four comparison buildings were sampled from the area north of 59th Street. In the 30 lower Manhattan buildings, the following locations were sampled: 59 residential units, 29 common areas, and 29 outdoor areas.

There were 127 air samples taken from 117 different areas of the lower Manhattan buildings. Ten of the areas had co-located sampling equipment. In the 59 different residential units, there were 64 air samples taken. Thirty air samples were taken from 29 different common areas.

Samples taken from the four comparison buildings above 59th Street included three outside air samples, three of common areas with both indoor settled surface dust and air, and five residential units with both indoor settled surface dust and air. No outside settled surface dust samples were collected because there was no visible dust to collect.

Tables 3, 4, and 5 show the number of buildings and areas within the buildings that were sampled for asbestos, SVF, and minerals in lower Manhattan and the comparison units above 59th Street. The tables also show whether the samples were settled surface dust and air samples.

C. Field and Laboratory Changes From the Original Sampling Protocol

Once the sampling teams went to the various sampling locations, it was determined that some changes needed to be made to the sampling protocol. The sections below indicate the changes that were made to the original sampling protocol.

1. Field Changes

The sampling protocol indicated that a total of 60 residential units would be tested in lower Manhattan. A total of 59 residential units were sampled.

Indoor settled surface dust was collected using EPA's Environmental Response Team Standard Operating Procedure (ERT SOP) for household dust, as stated in the sampling protocol. However, due to cost and equipment availability constraints, Omega Ultivac vacuums with high efficiency particulate air (HEPA) filters were used instead of Nilfisk™ vacuums. To avoid the need to decontaminate the vacuum hose between each sampling event, a sample collection filter (Alsock, by Midwest Filtration) was inserted into the air-intake end of the vacuum hose. The Alsock has a 97% capture of particles with diameters of 1.1 microns and

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larger. The ERT SOP-specified vacuum bag filter has a 4- to 5-micron pore size.

Instead of one settled surface dust sample per unit, two co-located indoor settled surface samples were collected. This change was made as two different laboratory locations were involved in the analysis. The EMSL Analytical laboratory in New York City analyzed samples for fibers (using PCM, PLM, and TEM); the EMSL Analytical laboratory in Westmont, New Jersey, analyzed samples for the remaining materials and conducted the SEM analysis for fibers.

Delays in obtaining equipment resulted in only 10 buildings being sampled for the PM2.5 air fraction.

There was no visible settled surface dust around the comparison homes selected above 59th Street; therefore, no outdoor settled surface dust samples were collected from thecomparison areas above 59th Street.

2. Sample Analysis Changes

Airborne and settled surface dust samples were analyzed for crystalline silica using EMSL Analytical's Material Science Division Operating Procedure MSD 0700, January 2000. XRD analysis was conducted for the nonsilica crystalline minerals in air and settled surface dust samples by EMSL using Material Science Division Operating Procedure MSD 9300, January 2002. The samples were not ashed prior to XRD analysis for the following reasons: ashing samples could have resulted in loss or breakdown of analytes of interest including gypsum; and there was not enough organic material present to result in loss of method sensitivity for crystalline minerals of interest.

SEM analysis was conducted on air samples for fibrous glass and other synthetic vitreous fibers by EMSL using Material Science Division Operating Procedure MSD 0300. This analysis was conducted on all samples collected from the comparison areas above 59th Street and on only those air samples from lower Manhattan with PCM fiber concentrations higher than the comparison PCM fiber concentrations.

Settled surface dust samples were analyzed for fibrous glass by EMSL using New York State Department of Health Environmental Laboratory Approval Program Method 198.1 polarized-light microscopy methods for identifying and quantifying asbestos in bulk samples.

Settled surface dust samples were not weighed, so surface loading of materials could not be calculated. Although settled surface dust samples were sieved, sieving was not conducted as specified in the ERT SOP. Rather, sieving was conducted as specified in MSD 0700 and 9300.

D. Data Management and Quality Assurance/Quality Control Procedures

EPA provided the laboratory used for this investigation. The

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laboratory is part of EPA's "certified" Contract Laboratory Program. It used all of the EPA quality assurance/quality control laboratory methodologies when analyzing the samples collected for this investigation. EPA conducts audits of all the EPA-certified laboratories to assure that appropriate quality assurance/quality control laboratory methodologies are being used.

Chain-of-custody procedures were established and maintained throughout sample collection, transportation, and analysis of samples. These procedures helped to assure that analytical results could be matched to the sampling locations.

Following the sampling effort, more than 5,400 analytical results were individually returned from the laboratory. All results were entered into a Microsoft EXCEL spreadsheet along with the other raw data describing where and how the sample was taken. Asbestos-in-air laboratory results were submitted calculated in concentration and were used as received. The laboratory typically submitted particulates-in-air results as the initial and final filter weights (pre- and post-sampling weights). The total amount of material deposited on the filter and resulting concentrations for the sampling location were estimated from the laboratory results. Results for asbestos, fiberglass, and mineral components in settled surface dust were used as provided by the laboratory: percentage of material analyzed.

All of the results were reviewed as a part of normal data quality analysis. The general purpose of this quality assurance/quality control (QA/QC) review is not to pronounce the data "accurate," but to determine whether the results are obviously affected by sampling or analytical errors. For this investigation, the reported analytical results were accepted, rejected, or used conditionally. Decisions on how to treat a data set were made primarily by comparing the measured results to information gathered from the blanks using graphs and statistical analyses.

Most of the results were used as received from the laboratory. The laboratory reported the asbestos in air results as a concentration of asbestos in the sampled location. The asbestos and fibrous glass in airborne and settled surface dust were used as received.

Results for the airborne particulate matter were rejected due to issues found during the quality assurance analysis. Variability of field blank sample weights was beyond the acceptable limits. A more thorough discussion of why the airborne particulate matter results were rejected is located in Appendix A of this report.

The XRD analysis was conducted on the air samples collected for particulate matter (PM100, PM10, PM4, and PM2.5). The PM results were rejected, but the XRD results were accepted as semiquantitative. The XRD results are considered valid because the analysis method does not depend on the filter-weighing process used to determine PM concentration. The XRD mineral concentrations are based on individual mineral weight standard curves—not the weight of the dust sample collected. These standard curves are not impacted by pre- and post-sampling filter weight variability.

Minerals were not detected on the blank air samples. This indicates that sample contamination or cross-contamination did not occur during air sampling, shipping, or sample analysis. The XRD information for the air samples provided semiquantitative values (estimated values, indicated by "J"). The PM100 and PM10 results may be potential overestimates, as the crystalline mineral size used for the standard curve is close to PM4 in size. This will result in the XRD overestimating the concentration of minerals present in the larger fractions. Similarly, the PM2.5 results may be potential underestimates of mineral concentrations.

The XRD settled surface dust results are also considered semiquantitative ("J") due to particle sizes used for standard curve/calibration (as described for the air samples) and due to the lack of standard analytical error (SAE) information from the laboratory.

E. Data Analysis

The data were entered into an Excel spreadsheet, and descriptive statistics were developed for the sample results. Basic trend analysis on the analytical data was conducted using the SAS statistical program (version 8.01). The SAS System is an integrated system of software providing complete control over data access, management, analysis, and presentations. Examples of some of the SAS procedures ("Proc") used were the "Proc Mean" and "Proc t-Test."

F. Limitations and Uncertainties

The intent of the sampling was not to characterize the total extent of contamination in lower Manhattan or determine the extent of exposures for all people in lower Manhattan that may have resulted from the collapse of the WTC towers. Rather, it was a preliminary investigation to determine if building collapse-related materials could be present at levels of possible health concern in lower Manhattan. Results from this investigation do not necessarily reflect conditions that would be found in other buildings, at other times just following the collapse, or after the sampling period. The measurements reflect conditions present at the time of the sampling (November 4–December 12, 2001) in the buildings and areas sampled.

Some uncertainties tend to underestimate the risk of exposure while other uncertainties tend to overestimate the risk of exposure.

· The locations selected for sampling within each building may not be representative of the rest of the building; the building-specific results may either *overestimate or underestimate* the levels of WTC-related materials in other areas of the building.

· Sampling was conducted in November and December of 2001. Levels of particulate matter and airborne irritants were likely to have been higher in the days and weeks immediately after the WTC collapse. Levels of settled surface dust were likely higher as well. Outdoor dust contamination would have been reduced by wind, rain, and cleaning (HEPA trucks to vacuum the streets and

sidewalks). Indoor settled surface dust may have been reduced if appropriate cleaning had been conducted prior to this sampling event. Therefore, these results serve as estimates, and are not necessarily reflective of conditions at earlier time points or of current conditions.

· Likewise, if continued cleaning has occurred since the November–December 2001 sampling event, levels of contaminants should be lower today. Therefore, the results of this sampling effort would tend to *overestimate* the current levels of WTC-related materials in the buildings.

Uncertainty also exists in determining at what level and duration of exposure people might experience irritation or other symptoms from exposure to fibers and crystalline minerals.

· The likelihood of experiencing irritation from individual contaminants or contaminant mixtures is uncertain. A short exposure to a small amount of an irritant may be tolerated, but exposures that continue for a longer period of time or are to a larger amount of an irritant, may overwhelm the body's ability to remove the irritant and increase the likelihood of irritation. Individual differences also play a significant role in whether or not irritation occurs. Using a risk estimate from an occupational situation may *underestimate* risks for more sensitive or susceptible individuals in the general population. Some of the information needed to estimate the risk of irritant symptoms, is not available from this study. When assumptions are made in the absence information (e.g., the duration and intensity of the total exposure) additional uncertainty is introduced.

· Persons with pre-existing respiratory (e.g., asthma, emphysema) or cardiopulmonary problems are more likely than healthy individuals to experience adverse health symptoms at lower levels of airborne particles and contaminants. Airborne dust and crystalline mineral levels based on studies of healthy individuals are levels that *underestimate* the risk for a susceptible individual.

· Individuals who were in the lower Manhattan area when the WTC collapse occurred may have received a bolus inhalation dose of dust, fibers, crystalline minerals, and other materials. Health effects of a bolus dose are not known. Additional exposures would add to the potential for health effects. Therefore, the short and long-term health effects, if any, of such an exposure cannot be determined from the measurements made in this study.

RESULTS

This section of the report will provide an overview of what was determined by this investigation. The overall analytical findings will be presented according to what environmental media was sampled (air or settled surface dust, Figures 7-17).

A. Survey

The primary duty of the sampling team was to coordinate with the building management to identify sampling locations that would

yield results representative of the area sampled. These duties included identifying unoccupied residences that could have aggressive air sampling conducted. In addition the sampling teams photographed equipment setup and operation, sampling locations, distribution of surface dust, and general conditions around the building.

The sampling team completed building surveys, in part, to gather the information needed to cite sample locations and to provide information to be used in interpreting the results. These surveys were completed on the basis of their observations and on discussions with building management when representatives were available. However, information was not always available to completely answer each survey question. This was especially true when evaluating specifics of the heating and air conditioning systems. The validity of the information is dependent on the memory and experience of the building representatives and, in the case of residential units, may not reflect the condition or treatment of the entire building.

The survey form and photographs were reviewed along with the analytical results to put the sampling results into the context of where and how the samples were obtained and to determine the general conditions of the sampling locations. Given the purpose of this investigation, the limited amount of locations sampled, and the uncertainty in some of the survey results, no attempt was made to correlate survey information with measured concentrations of any of the materials. The table in Appendix B provides a summary of results from the survey form questions that were most consistently answered.

B. Settled Surface Dust

Settled surface dust samples were analyzed for materials consistent with debris from a building collapse. Materials of interest include insulation material (asbestos, synthetic vitreous fibers, components of concrete (portlandite, calcite, and crystalline silica) and components of other building materials (gypsum, mica, and halite). A detailed summary of results is given in Appendix C. To protect the privacy of individuals who allowed sampling in their residences and buildings, specific detailed locations are not shown. Results of the settled surface dust analysis indicate the composition of settled surface dust in lower Manhattan is different from that of the dust analyzed from the comparison areas above 59th Street. Although the materials found are consistent with materials expected from the World Trade Center collapse, these results cannot determine the actual source of the materials present because these materials are common building components and can come from other sources in a busy urban area.

1. Fiber Analysis of Settled Surface Dust

Asbestos and SVF, although not found in homes in the comparison areas above 59th Street, were present in the settled surface dust in some areas of lower

Manhattan.

All settled surface dust samples were analyzed by polarized light microscopy (PLM) for fiber type and content. This technique distinguishes between asbestos fibers, textile fibers, and synthetic vitreous fibers (SVF), which include glass wool and mineral wool. The results are reported as a percent.
Because PLM is an optical method, the amount reported is a visual estimation of the percent of area viewed. Therefore it is neither strictly a weight or a volume percent. These results do provide an indication of the presence of asbestos or SVF in the dust, and some idea of relative amount.

In lower Manhattan, asbestos was only detected in settled surface dust in one indoor and two outdoor locations by PLM (Figure 8). If asbestos was not seen in the sample or reported as <1% by PLM, a second test was done which is more sensitive, transmission electron microscopy (TEM). An additional 4 outdoor and 15 indoor locations contained asbestos when examined by TEM (Figure 9). Chrysotile asbestos was the only form of asbestos identified, either by PLM or TEM, in all settled surface dust samples. In this study TEM is primarily used as an indicator of the presence or absence of asbestos. For the PLM analysis, values <1% are an indicator of the presence of asbestos because this is the detection limit for PLM. For TEM a detection of asbestos is confirmation of its presence. Therefore, values <1% and values greater indicate the presence of asbestos. Results shown in Table 6 and discussed below refer to all samples positive for asbestos, by either the PLM or TEM methods (Figure 10).

Asbestos was found in indoor settled surface dust in 10 of 57 residences sampled in lower Manhattan (18%) (Table 6). The settled surface dust in common areas contained asbestos in 5 of 26 areas sampled (19%), and asbestos was found in outdoor dust in 6 of 14 areas sampled (43%) (Table 6). Asbestos levels ranged from none detected up to 3.4% (the highest level was found in an outside sample). However, without surface-loading information, the percentage of asbestos present does not allow for characterization of potential exposures. No asbestos was found in the comparison homes north of 59th Street. Figure 10 depicts the results of analysis of the asbestos content of settled surface dust in samples from residences in lower Manhattan.

The SVF results, seen in Table 6, show a broad range of SVF content in the settled surface dust from none detected up to 35% in indoor dust samples and as high as 72% outdoors. The location and range of SVF found in settled surface dust is shown in Figure 11 for all areas sampled in lower Manhattan. SVF was found in indoor dust in 26 of 57 residences sampled as analyzed by PLM (46%). The settled surface dust in common areas contained SVF in 14 of 26 areas sampled (54%), and SVF was found in outdoor dust 11 of 14 times sampled (79%). The majority of SVF detected was glass wool. Only four buildings contained mineral wool in settled surface dust, ranging from 1%–7%. Because no surface-loading information is known, the exact percentage is less informative than its presence. No SVF was found in the comparison homes north of 59th Street by PLM analysis. Therefore the SVF content of settled surface dust in some areas of

lower Manhattan is higher than that of the selected comparison areas above 59th Street (Figure 11).

2. Mineral Analysis of Settled Surface Dust

Settled surface dust samples were analyzed for crystalline minerals potentially associated with the material from the collapsed World Trade Centers. The results reported here are expressed as a mass percent of the dust (weight of minerals per weight of dust). Quantification of the minerals in dust is not exact due to variations in particle size and other methodological interference. Therefore, these data will only be considered semiquantitatively and should be considered estimated values, noted by the "J" qualifier.

Quartz, calcite, portlandite, and gypsum were the most abundant minerals detected (see Table 7). Mica was detected with less frequency than the other minerals, and generally estimated at approximately 0.1%J of the dust. Halite (salt) was also detected at trace levels.

Mineral components of concrete (quartz calcite, and portlandite) and other building materials (gypsum, mica, and halite) in the indoor settled surface dust of some areas of lower Manhattan were estimated at higher percentages than for the comparison areas above 59th Street.

Quartz was detected in all 14 outdoor dust samples, 21 of the 26 common area samples, and only 30 of the 57 samples from residences in lower Manhattan. Neither cristobalite nor tridymite, other forms of crystalline silica, were found in any of the settled surface dust samples. For this discussion quartz will refer to the alpha-quartz form of crystalline silica. Levels of quartz were estimated as from 0.05%J to 31%J in residences, and from 0.03%J to 25%J in common areas. Estimated quartz content in outdoor samples ranged from 1%J

to 27%J. Because quartz is a common material (i.e., silica sand), finding this mineral in the city where there is a lot of concrete building material is not unusual. However, quartz in dust from the comparison areas above 59th Street was estimated from nondetect to 1%J in the common areas and from nondetect to 2% J in the residences. Figure 16 shows the locations where the estimated maximum quartz content in settled surface dust was greater than or similar to estimated quartz content in the dust samples from the comparison areas above 59th Street. Fifteen residences, six common areas, and 12 outdoor areas had estimated quartz levels higher than the associated comparison areas above 59th Street. Therefore, quartz was elevated in some indoor areas of lower Manhattan relative to the comparison areas above 59th Street. Outdoor dust samples were not taken from the comparison areas, due to insufficient amounts of dust. Figures 13-16 compare the indoor and outdoor locations in lower Manhattan to the indoor samples above 59th to show the relative

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distribution of the minerals.

Calcite (calcium carbonate) and portlandite (calcium hydroxide) are also components of concrete. They occurred with similar frequency in the dust samples and were often co-located with the quartz. Calcite ranged from an estimated 0.8%J to 19%J in outdoor areas, and from 0.02%J to 21%J in indoor areas. Portlandite ranged from an estimated 0.07%J to 6%J in outdoor areas and from 0.04%J to 8%J in indoor areas. In contrast, the maximum levels found in indoor comparison areas above 59th Street were 0.9%J calcite and 0.08%J portlandite. Figures 13 and 15 show the locations where the estimated calcite and portlandite content in settled surface dust was higher than to that estimated in dust samples from the comparison areas above 59th Street. For calcite, 13 residence and 9 common area samples had estimated levels higher than those found in the comparison areas above 59th Street. Similarly for portlandite, 17 residence and 9 common area samples were estimated as higher than values in comparison areas above 59th Street. So although these materials are found in urban areas, perhaps due to erosion of concrete, building construction and maintenance, the estimated percentages of calcite and portlandite were larger in some areas of lower Manhattan relative to the comparison areas above 59th Street (Figures 13 and 15.)

Gypsum (hydrated calcium sulfate) is a major component of dry wall. Gypsum was found in 11 of 14 outdoor settled dust samples at levels estimated as 0.03%J to 27%J. Indoor levels of gypsum ranged from an estimated 0.07%J to 20%J in 23 of 26 common areas and from 0.05%J to 30%J in 45 of 57 residences. These estimated percentages are higher than the estimated maximum of 4%J seen in the comparison areas above 59th Street. Figure 14 shows the locations where the estimated gypsum content in settled surface dust was higher than or similar to the levels in the dust samples from the comparison areas above 59th Street. Nine residence and six common area samples had estimated levels higher than those found in the comparison areas above 59th Street. Gypsum was elevated in settled indoor dust in some areas of lower Manhattan relative to the comparison areas above 59th Street (Figure 14).

The data can also be evaluated in a nonquantitative manner by just inspecting the frequency of detects of mineral in dust for lower Manhattan and the comparison areas. As shown in Table 7, the pattern of prevalence for the minerals appears to be similar in both study areas. In other words, the minerals were detected in both locations with about the same frequency. The data imply that building materials were the source for both areas. This source was likely building materials; however, the magnitude of the impact was greater in areas closer to the World Trade Center.

3. Alkalinity of Settled Surface Dust

Several of the minerals detected in the settled surface dust samples, such as portlandite, can make the dust more alkaline, or raise the pH. Originally, the pH of all of the settled surface dust samples was to be determined. However, enough dust for this analysis was only available at two locations. Both dust samples

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were alkaline (pH of 8.6 and 9.8). On the pH scale of 0 (acidic) to 14 (alkaline or basic), these values are slightly alkaline. Mineral analysis of these two settled surface dust samples estimate levels of calcite (15%J, 19%J) and portlandite (6%J, 3%J) were present, respectively. These crystalline minerals along with other components of concrete would have contributed to the measured alkalinity.

C. Air

The settled surface dust results discussed previously indicate the materials present in each area sampled. Fibers and small particles within the dust may become airborne during daily activity or during periods of high activity such as cleaning. Therefore, the settled surface dust sample results are an indicator for areas with a potential for airborne contaminants. Air sampling was conducted to determine the actual levels of fibers, dust, and crystalline minerals in the air at the time of settled surface dust sampling. Where feasible, these results are correlated to the settled surface dust results.

1. Fibers in Air

Samples for airborne fibers were first analyzed by phase contrast microscopy (PCM) to count all fibers present according to the National Institute for Occupational Safety and Health (NIOSH) Method 7400 counting rules. Phase contrast microscopy identifies fibers based on size and shape, but not the specific type of fiber. Therefore, the fibers seen by PCM include asbestos fibers as well as other fibers, such as textiles, fiberglass, and cellulose that might be present. Any sample with airborne fibers above the highest PCM levels found in the comparison locations was re-analyzed by transmission electron microscopy (TEM) and scanning electron microscopy (SEM). The TEM methodology can distinguish what types of fibers are in a sample, particularly asbestos fibers. The SEM method identifies SVF. Some fibers present in the settled dust of the area may become suspended in the air and be present in the air sample.

a. Indoor Air

Fiber levels in air are expressed as the number of fibers in each cubic centimeter (cc) of air or fibers per cc (f/cc). Low levels of fibers were found in the comparison areas above 59th Street homes, where fiber levels ranged from less than 0.001 f/cc (<0.001 f/cc) to 0.003 f/cc. Because no asbestos was detected in the settled surface dust of the comparison areas above 59th Street, these fibers are not likely to have been asbestos. SEM analysis showed they were not SVF. Figure 7 shows all airborne fiber levels determined by PCM in the lower Manhattan area with respect to the fiber levels found in the comparison areas above 59th Street. These data represent all fibers found according to the analytical method used (NIOSH 7400) and are not specific to asbestos or SVF.

The majority of the lower Manhattan air samples from indoor areas without asbestos in the dust were within the range of fibers found in the comparison areas above 59th Street (<0.001 to

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0.003 f/cc). Six of these air samples (from 3 common areas and 3 residences) had higher levels of fibers in air than the comparison areas above 59th Street (Table 8). Four of these areas had measurable levels of SVF in the settled surface dust. All six-air samples were re-analyzed by TEM to determine if the fibers present included asbestos fibers. Asbestos fibers were not found in these six air samples (Table 8). A third analysis was done by SEM to determine if SVF fibers were present in those air samples from areas with SVF in the settled surface dust. SVF fibers were found in three of these air samples at concentrations from 0.000037 f/cc to 0.000255 f/cc. Although SEM is a more sensitive method, detecting thinner fibers than PCM, reported SVF levels were well below the PCM method detection limit of 0.001f/cc. SVF fiber concentrations in the comparison areas above 59th Street ranged from none detected to 0.000087 f/cc. Although air samples from comparison areas above 59th Street were not re-analyzed by TEM, no asbestos fibers were noted on the subsequent SEM analysis for SVF. Therefore the six air samples that had total fiber counts greater than comparison areas above 59th Street were not elevated due to either asbestos or SVF fibers.

There were 15 out of the 83 (18%) indoor areas in lower Manhattan with measurable asbestos in the settled surface dust, 10 residences and 5 common areas (Table 9). Nine of these residences were sampled aggressively (the air exhaust of the vacuum used for settled dust sampling was used to stir up all dust into the air before an air sample was taken). Four of these aggressively sampled residences had measurable fiber levels in air ranging from 0.001 f/cc to 0.003 f/cc. One residence was occupied and could not be aggressively sampled. Air sampling at that location indicated <0.001 f/cc by PCM analysis. Because the levels found were within the range measured in the comparison areas above 59th Street, no TEM or SEM re-analysis was performed on these air samples. Therefore the composition of these fibers is unknown (i.e., asbestos, SVF, cellulose).

None of the common areas were aggressively sampled because all of these areas were open to the public. Of the five common areas with some asbestos in the dust, three had measurable levels of fiber in the air ranging from 0.001 f/cc to 0.002 f/cc. One area in building 5 where there was not enough settled surface dust to sample had an airborne fiber count of 0.002 f/cc. No TEM or SEM re-analysis was performed on these air samples, and the composition of these fibers is unknown (i.e., asbestos, SVF, cellulose).

b. Outdoor Air

Six of the 14 lower Manhattan outdoor locations sampled had detectable levels of asbestos in the settled surface dust, indicating a potential in these locations for asbestos fibers to become airborne. Air sampling indicates three of the locations did not have detectable fibers in the air (Table 9). The air samples from buildings 1, 2, and 5 did have fibers detected at levels from 0.001 f/cc to 0.003 f/cc. Of the 15 locations where no settled surface dust samples were taken, the majority of the results showed <0.001 f/cc in the air, with only 4 samples reported at the

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detection limit of 0.001 f/cc. Because the levels found were within the range measured in the comparison areas above 59th Street, no TEM or SEM re-analysis was performed on these air samples, and the composition of these fibers is unknown (i.e., asbestos, SVF, cellulose).

2. Minerals in Air

Air samples of different particulate sizes, representing inhalable (PM100), thoracic (PM10), and respirable (PM4 and PM2.5) fractions were collected in selected building locations. Not all size fractions were collected at every location. The samples were analyzed by XRD for the same crystalline minerals seen in the settled surface dust samples. Each of the four size fractions was collected with a separate sampling device. The PM100 fraction collected particles with an aerodynamic diameter of 100 microns and lower. The PM10 fraction collected particles with an aerodynamic diameter of 10 microns and lower and so on. The results reported here are expressed as the mass of mineral per unit volume of air or micrograms per cubic meter of air ($\mu g/m^3$). Quantification of the minerals is not exact due to variations in particle size as compared to the particle size used in the standard curve and other methodological interference. Therefore, these data will only be considered semiquantitative and should be treated as estimated values, noted by the "J" qualifier.

Due to changes in sample volume, the detection limit of minerals in each fraction varied, allowing lower concentrations to be recorded in the PM10 and PM100 fractions compared to the PM4 fraction. Care must be taken when comparing results between fractions for this reason. Additionally, although the PM4 fraction should be a subset of the PM10 and PM100 fractions, PM4 results are sometimes higher than PM10 or PM100 from the same location. Therefore, due to uncertainties in the quantification and general quality assurance/quality control concerns, data will not be associated to a specific building sampling location or correlated between size fractions at the same location.

The comparison air samples, taken in areas above 59th Street, contained no quartz, cristobalite, tridymite, calcite, portlandite, mica, or halite above method detection limits (Table 11). Gypsum was found at least once in all size fractions collected in the comparison areas above 59th Street. Gypsum concentrations were estimated at 3 $\mu g/m^3$J (PM2.5), 5 $\mu g/m^3$J (PM4), 3 $\mu g/m^3$J (PM10), and 3 $\mu g/m^3$J (PM100) (Table 11).

All of the minerals found in the settled surface dust were seen in at least one air sample from lower Manhattan (Table 11). Quartz, calcite, portlandite, and gypsum were detected at similar frequencies in each of the larger size fractions, PM100, PM10, and PM 4. Table 11 shows the frequency of detection and the range of estimated values for each size fraction sampled. Quartz and gypsum were each detected once in the PM 2.5 fraction. The PM 2.5 size fraction was only collected toward the end of the project, and there are fewer samples for this size fraction.

Estimated levels of minerals in air, including quartz, calcite,

gypsum, and portlandite, appear higher in some areas of lower Manhattan than in the comparison areas above 59th Street.

Approximate quartz levels in air ranged from 4 µg/m^3–19 µg/m^{3}J in the respirable fraction (PM4), 3 µg/m^3–12 µg/m^{3}J in the thoracic fraction (PM10) and 3 µg/m^3–13 µg/m^{3}J in the inhalable fraction (PM100). Detection frequencies were similar in these fractions at 11%, 10%, and 14% respectively. However, quartz was only seen in one of the PM2.5 samples (3%) at an estimated 3 µg/m^{3}J. Cristobalite, a different crystalline form of crystalline silica, was found in one lower Manhattan air sample at

15 µg/m^{3}J in the PM100 fraction. Cristobalite was not seen in any other sample, either air or settled surface dust. Across the size fractions, quartz was detected in air samples taken in lower Manhattan; it was not detected in the comparison areas above 59th Street. Therefore, the estimated airborne levels of quartz appear to be higher in some air samples from lower Manhattan than the chosen comparison areas above 59th Street.

Similar observations can be seen in the results for calcite and portlandite. Calcite and portlandite occur at a similar frequency to quartz (Table 11) and tend to be present in the same air samples (Appendix C.) Both minerals are present in PM4, PM10, and PM100 size fractions. Calcite was estimated at 3 µg/m^{3}J–14 µg/m^{3}J and portlandite at 14 µg/m^{3}J–95 µg/m^{3}J in inhalable dust. Mica and halite are not seen with the same frequency, but are detected in several air samples from lower Manhattan. Calcite, portlandite, mica, and halite are all detected in air samples taken in lower Manhattan, but not in air samples from the comparison areas above 59th Street (Table 11). Therefore, the airborne levels of calcite, portlandite, mica and halite appear to be higher in some air samples from lower Manhattan than in the samples from the comparison areas above 59th Street.

Gypsum was the most common mineral detected in air samples from lower Manhattan for all size fractions and was detected in 40 out of 114 respirable fraction (PM4) air samples at levels ranging from approximately 4 µg/m^{3}J–15 µg/m^{3}J. Gypsum was estimated at 3 µg/m^{3}J–14 µg/m^{3}J and detected less frequently in the PM10 (33 of 105) and PM100 (24 of 101) size fractions, even though the detection limits for these fractions were lower. Gypsum was found in one of the PM2.5 samples, at approximately 3 µg/m^{3}J. Across the size fractions, gypsum was detected in air samples taken in lower Manhattan at higher estimated levels than air samples taken from the comparison areas above 59th Street (up to 5 µg/m^{3}J). Therefore, the airborne levels of gypsum seem to be higher in some air samples from lower Manhattan than the chosen comparison areas above 59th Street.

DISCUSSION

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This section of the report will provide a more in-depth review of where the various materials were detected. In addition, the public health concerns potentially associated with these materials is also presented.

A. Discussion of Results

Settled surface dust samples obtained from lower Manhattan as part of this investigation contained materials consistent with debris from a building collapse. Both indoor and outdoor settled surface dust samples contained some amount of insulation material (asbestos, glass wool, and mineral wool), components of concrete (portlandite, calcite, and quartz), and components of other building materials (gypsum, mica, and halite). These materials were not present at the same levels in the four buildings above 59th Street sampled for comparison.

Asbestos levels in dust in the lower Manhattan area, ranging from <1% to 3.4%, were consistent with samples taken of outdoor material by EPA after the WTC collapse. SVF levels in the settled surface dust in lower Manhattan were higher than in the comparison areas above 59th Street, ranging from 1% to 72%. No data were available for SVF in lower Manhattan prior to this investigation. Analysis of archived dust samples collected after the WTC collapse by NIOSH, confirms the presence of SVF in bulk samples taken in lower Manhattan.

The minerals found in settled surface dust from residential buildings in lower Manhattan were consistent with minerals reported by the United States Geological Survey (USGS) for outdoor settled surface dust across lower Manhattan after the WTC collapse (9). Thirty-three dust, two concrete, and two steel insulation samples were analyzed by USGS, including two from an indoor area. Quartz, calcite, and gypsum were reported for all of these samples. Each of these was occasionally reported as a major constituent of the material, i.e., estimated at 20% or higher. Twenty-six of these samples contained mica, usually estimated as trace or less than 5% of the material. Portlandite was only noted in two samples at trace levels, including the one indoor sample analyzed.

1. Association of Asbestos and Synthetic Vitreous Fibers

Based upon the sampling results, it appears that SVF is likely to be found in settled surface dust whenever asbestos is detected in the settled surface dust. All of the six outdoor and five common areas that had asbestos in settled surface dust also had SVF in the settled surface dust (Table 9). Of the ten residences that contained asbestos in settled surface dust, a little more than half also contained SVF. However, this does not hold true in areas without asbestos, where the absence of asbestos does not indicate an absence of SVF. Of the eight outdoor areas without asbestos in the settled surface dust, three contained SVF. Similarly, SVF was found in approximately 25% of the common areas and in approximately 36% of the residences without asbestos in the dust. Although the presence of asbestos in the dust seems to correspond to SVF, the absence of asbestos does not predict or correspond to a presence or absence of SVF in settled surface

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dust, in either indoor or outdoor areas of lower Manhattan.

2. Association of Asbestos and Synthetic Vitreous Fiber Levels Outside of and Within a Building

Outdoor settled surface dust was collected at 14 buildings in lower Manhattan. One purpose for collecting outdoor dust was to determine if the contents of the outdoor dust at a location would reflect the type of indoor dust. In the case of fibers, there is little correlation in the indoor and outdoor dust composition. High levels of outdoor SVF are associated with both high and low indoor levels. The presence or absence of asbestos in settled surface dust shows a similar lack of correlation. The outdoor settled surface dust samples do not correspond with indoor dust composition for either group of fibers. This lack of association could, in part, be due to whether and how frequent interiors and exteriors had been cleaned.

In contrast, indoor levels of fibers in settled surface dust did seem to correspond within a building. Buildings with elevated SVF levels in the common area tended to have elevated levels in the residences. A similar pattern was seen between the two residences sampled in the same building. For example, SVF was often found in both residences sampled within the same building, or was absent in both residences. Within this limited data set, fiber levels in one area of a building seem to weakly correspond with fiber levels in other areas of the same building. However, none of these data represent total dust loading, only the relative amount of fibers within the dust.

3. Occurrence of Crystalline Minerals

Indoor areas that have elevated levels of quartz in settled surface dust appear to also have elevated levels of calcite, portlandite, and gypsum(see Figure 10). Additionally, these four minerals appear together in all outdoor samples with only minor exceptions. Although only 14 of the 30 buildings had samples taken of outdoor dust, there does seem to be a correlation between elevated outdoor and indoor levels of quartz, gypsum, and the other minerals. It is unknown if this would be seen in outdoor areas above 59th Street for comparison, as not enough outdoor dust was available for analysis.

Most elevated quartz and gypsum levels indoors were found in the first ten buildings sampled during the first 5 days of the project (with the exception of 14% quartz in the common area of building 22). Although many of these buildings were closer to the WTC site, location may not be the only factor contributing to higher mineral levels in the dust. Other buildings sampled in these areas later (e.g., 13, 14, and 28) did not have elevated levels of minerals. Many factors may contribute to this finding including whether the area was cleaned (indoors, outdoors), the cleaning method used, the time since the last cleaning, and the amount of dust that was initially in the area. It is not clear which factors contributed to variation in mineral levels by building.

Within a building, levels of quartz, calcite, and portlandite tended

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to be similar, and in some cases showed a similar profile in areas with elevated quartz (see Figures 13, 15, and 16). In general, where quartz was greater than 5%, calcite and portlandite were also present, but as smaller proportions of the dust. Gypsum, although often present with the other minerals, varied from being the most abundant to the least abundant in the dust.

4. Buildings Impacted by Asbestos, Synthetic Vitreous Fibers, and Crystalline Minerals

There was no clear pattern of which buildings were impacted by asbestos, SVF, and crystalline minerals. Figure 17 shows the approximate locations of the buildings and the level of contaminants in settled surface dust that were above or below the levels found in the comparison areas. The data are summarized and presented to indicate the indoor areas within a building with higher levels of a material in settled surface dust than was found in the comparison areas above 59th Street (Table 12). In this table, quartz was considered representative of the two other minerals associated with concrete, portlandite and calcite.

In 6 of the 29 buildings (approximately 21%) sampled in lower Manhattan, concentrations of these materials were not detected at levels higher than the levels in the comparison buildings above 59th Street. These six buildings tend to be among the buildings farthest from the World Trade Center and not located along what appear to be major streets or intersections. Map 17 shows the approximate locations of the buildings and the level of contaminants in settled surface dust that were above or below the levels found in the comparison areas.

Twenty-three buildings (approximately 79%) had levels of at least one of these materials in the dust at levels higher than the maximum found in the comparison buildings. Four of these buildings (buildings 4, 5, 6, and 9) contained all four materials above levels seen in the comparison areas above 59th Street in at least one indoor sample (Table 7). Seven of the 23 buildings were only impacted by SVF in indoor areas (buildings 13, 14, 17, 18, 25, 26, and 28). One building was only impacted by asbestos (building 11). The remaining 11 buildings were impacted by some combination of fibers and minerals. No clear pattern emerges in terms of which fibers or minerals occurred in the indoor dust of a building. Three of these building had only the two fiber types present (buildings 15, 24, and 27). One of these building had only the two minerals present (building 8).

The limited number of buildings sampled and the limited number of indoor locations that were sampled make it difficult to draw conclusions about the relationship of geographic location and the number of different materials found in the dust above the levels found in the comparison locations. However, buildings close to the World Trade Center tend to have a greater number of these materials found.

5. Significance of Minerals and Fibers in the Settled Surface Dust

The results previously discussed indicate minerals, asbestos, and

SVF are all found at higher percentages in the samples from lower Manhattan when compared to the sampled areas above 59th Street. These findings are based on comparing the percent of each mineral and fiber in the settled surface dust. However, to determine the total mineral and fiber content in a room, the amount of dust present would also need to be known. Because surface loading is not known, we cannot demonstrate that the total amount of mineral and fiber is increased in any given area. However, these data indicate the components and quality of the dust in lower Manhattan is different from that of the comparison areas above 59th Street.

The increased crystalline minerals and fibers in the settled surface dust indicate a potential for contact with these materials. The magnitude of this contact will vary with dust loading (which is unknown) and activity in the area. Residents may come into contact with the dust directly (i.e., skin, eyes). Additionally, the dust may also become re-suspended in the air through activities such as cleaning. In this way the settled surface dust may be a reservoir for material in the air. Therefore settled surface dust results are important both to evaluate direct contact, as well as to evaluate the potential for airborne/inhalation exposures.

6. Significance of Minerals and Fibers in Air

The settled surface dust samples suggest the potential for airborne particles and fibers. The air samples taken indicate that some of these materials are present in the air at measurable levels. Because the air samples were taken over several hours, they provide an understanding of average air levels over the course of the day. Some of these air samples were taken during normal daily activity outdoors in common areas and in residences. They represent the impact of vehicular traffic, walking, and normal activity in the area. As such they are a good measure of average exposure at that time and place. No samples were taken to assess high levels of activity, such as cleaning, which might generate short-term periods of higher levels of materials in the air. However, about 40% of the residences were aggressively sampled, which gives some indication of the impact of increased activity on airborne levels.

Although semiquantitative, the minerals detected in air provide important information. Quartz and mica, which have potential health effects on the lung, were found in the respirable fraction of the dust (PM4). This indicates that some portion of the quartz and mica found in the settled surface dust is of respirable size. Minerals found in the larger size air fractions, thoracic (PM10) and inhalable (PM100), indicate that larger particles may also be present that could irritate the upper areas of the respiratory tract. It should be noted that these larger fractions also include thoracic and respirable material.

The fiber analysis by PCM provides an upper bound of airborne fibers. Although fiber type is not identified in this analysis, there can be no more asbestos fibers than total fibers detected. Re-analysis of some of these samples shows that very few fibers of public health interest (SVF or asbestos) were present. However, care must be taken when interpreting these results because there

were samples taken which showed fibers by PCM, which were not re-analyzed. Any of these air samples, especially those taken in areas with asbestos or SVF in the dust, may have some of these fibers as part of the PCM fiber count. Generally, the levels of dust and air did not indicate a consistent pattern at different locations. It was not possible to conduct a more accurate correlation analysis between asbestos and SVF material in settled surface dust and fibers in air because the majority of air samples were not analyzed specifically for asbestos or SVF (i.e., TEM or SEM analysis). The limited data gathered during this investigation does not support nor refute the assumption that all the fibers in the air samples will be asbestos or SVF even when asbestos was found in dust.

B. Public Health Evaluation

The potential for health effects is possible after exposures to certain materials. An exposure to a material occurs when it comes into contact with or is taken into our bodies. The route of exposure is the method by which a material comes into contact with the body (e.g., dermal contact, inhalation, or ingestion). The nature of the health effect will depend on the material involved, how it comes into contact with the body, the amount of material (exposure level), the duration of the exposure, resultant dose, and the susceptibility of the individual (e.g., pre-existing health conditions may make an individual more sensitive to a contaminant).

Initially, screening values were established and listed in the project-sampling plan. These screening values were established to provide a guideline for evaluating the data as it was collected for any indication of a hazard requiring immediate attention, and to ensure the proper analytical detection limit to support a chronic health evaluation. These screening values were not used in this report because this public health evaluation is specific to the levels of materials found in the study area.

Because levels of asbestos, SVF, and some crystalline minerals are elevated in the settledsurface dust of some buildings in lower Manhattan, individuals may be exposed to those materials in their homes, out of doors, or at work either by direct contact or by inhalation when the dust is disturbed and suspended in the air. Depending on the environment, one or all of these materials may be present in the dust of an area.

1. Sensitive Populations

Sensitive populations are individuals who may experience greater responses when exposed to a material than normally predicted. This sensitivity may be due to life stage, pre-existing medical or exposure conditions, or genetic susceptibility.

Children are considered a sensitive population for several reasons. The first consideration is the potential for greater exposure than adults. With a lower body weight, and higher relative ventilation rate, children have higher doses than adults given exposure to the same levels of materials in air, food, or drinking water. For biopersistent materials, such as some of the minerals discussed

previously, childhood exposures present a greater lifetime risk due to longer residence time in the lung. This is demonstrated for asbestos where an exposure with onset at 1-year old presents a greater risk than an exposure at age 18 (10). Finally, because they are shorter than adults, children breathe air that is closer to the ground, and they may play in contaminated areas, creating situations where they are impacted more by materials in soil or dust.

Children and adults with pre-existing medical conditions may be more susceptible. Many of the materials found in the areas sampled have irritant effects on skin, mucous membranes, and the respiratory tract. Individuals with pre-existing allergic and cardiopulmonary diseases may be more sensitive to the effects of exposure to this dust. One of the most clinically important and frequent responses of the airways to dust and irritant exposures is bronchoconstriction. Therefore, individuals with pre-existing asthma are much more likely to develop bronchoconstriction in response to exposure to dust particles, fibers, and irritants.

Obstructive lung disease and other respiratory and cardiopulmonary disorders are factors for increased sensitivity. Any individuals in lower Manhattan who received a large dose of dust during or immediately following the WTC collapse may also be more sensitive. Anyone who has been experiencing respiratory symptoms since the collapse should consult their physician for proper treatment.

Individuals who smoke are at greater risk. Smoking can reduce lung function and may cause pulmonary disease that would make individuals more sensitive. Additionally, smoking has been shown to synergistically increase the risk of developing lung cancer from asbestos exposures. Smoking also increases the risk of developing lung cancer in workers exposed to crystalline silica (e.g., quartz).

Although possible skin, eye, and respiratory tract irritants, the soluble minerals gypsum, portlandite, and calcite do not pose any hazard for long-term health effects.

2. Soluble Minerals: Gypsum, Portlandite, and Calcite

The potential health effects of gypsum (hydrated calcium sulfate), portlandite (calcium hydroxide), and calcite (calcium carbonate) are similar as these minerals are similar chemically and physically. All three minerals are crystalline in form and soluble (11,12). Because these minerals are soluble in

body fluid, they are easily cleared from the respiratory tract and

lungs when inhaled (13,14,15). Therefore, no long-term respiratory effects have been observed, even at the very high exposures that occur during the mining and processing of these minerals (16,17).

Calcite, and portlandite increase the alkalinity of a fluid. Therefore, when these materials come into contact with tissue, they can cause irritation of skin and mucous membranes due to increased alkalinity. Any anhydrous gypsum in settled dust would be hygroscopic, which would be drying and irritating to the skin and eyes. Similarly, inhaled material may irritate or burn the respiratory tract (nose, throat, and lungs). The signs of an inflammatory response include redness, swelling, heat, and pain. Reaction to a skin irritant usually occurs at the point of contact between the skin and the substance. Eye irritants can cause redness, tearing, and itching of the eyes. Respiratory irritants can affect the nose, throat, and lungs. They may cause an itchy, watery nose, a scratchy or sore throat, coughing, chest tightness, wheezing, or difficulty breathing. All of these irritant effects are generally temporary and will begin to resolve once exposures cease.

Occupational exposure guidelines (NIOSH) and standards (OSHA) for these minerals were developed to prevent these irritant symptoms in most workers for a 40-hour workweek exposure (13,14,15). Although no guidelines or standards are available for skin contact or residential exposures, air exposure levels are established for both total and respirable minerals in air (see the following table). The airborne mineral levels measured in lower Manhattan are orders of magnitude below these occupational values. Although the occupational standards do not account for sensitive individuals or for extended periods of exposure, they provide a point of comparison. The levels of minerals seen in airborne dust of lower Manhattan are not at the levels known to be irritating to healthy adult workers. However, it is possible that sensitive individuals may feel some irritation. Additionally, direct contact with the dust—or shorter periods of higher air concentrations caused by disturbing the dust—may result in more irritation than would be predicted by the reported airborne mineral levels.

Mineral	NIOSH REL ($\mu g/m^3$)	OSHA PEL ($\mu g/m^3$)	Maximum Estimated Value in Lower Manhattan ($\mu g/m^3$)
Gypsum	10,000 (total) 5,000 (resp)	15,000 (total) 5,000 (resp)	14J (PM100) 15J (PM4)
Portlandite	5,000	15,000 (total) 5,000 (resp)	95J (PM100) 84J (PM4)
Calcite	10,000 (total) 5,000 (resp)	15,000 (total) 5,000 (resp)	14J (PM100) 10J (PM 4)

NIOSH = National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention

REL = recommended exposure level/limit

OSHA = Occupational Safety and Health Administration

PEL = permissible exposure limit.

$\mu g/m^3$ = microgram of mineral per cubic meter of air

total = all airborne particles (could include particles >100 micrometers)

resp = respirable fraction (PM4)

3. Mica

Mica is a group of water-insoluble silicate minerals (18). The mica detected in these dust and air samples of lower Manhattan was muscovite. Mica has been shown to cause pneumoconiosis in workers exposed to high levels during mining and processing operations (19,20). Although workers may have also been exposed to quartz in some of these studies, pneumoconiosis in workers with only mica exposures has been documented. (21,22)

Respirable mica particles that deposit in the deep lung may be cleared slowly due to the relative insolubility of the mineral. Over time, the presence of the mineral will irritate the lung tissue, generate immune response, and result in scarring or fibrosis (23,24). The magnitude of this response is believed to be a function of both the dose and duration of exposure. The current worker standard set at 3,000 $\mu g/m^3$ is a level at which mild

pneumoconiosis was seen in some workers only after extended exposure (18 years).

Mica and halite, although elevated in lower Manhattan relative to the comparison areas above 59th Street, are not likely to contribute to any adverse health effects.

The airborne levels of mica seen in lower Manhattan with an estimated maximum of 43 $\mu g/m^3$J in respirable dust are well below levels of mica that are associated with the development of pneumoconiosis in workers (25). Although disturbing settled surface dust might generate short-term exposures above the measured values, it is the cumulative exposure that is believed to predict health effects (23). Given the low airborne levels of mica seen in lower Manhattan and the low frequency of detection in both air and settled surface dust samples, no health effects are expected from mica exposure alone.

4. Halite

Halite is simply sodium chloride, or rock salt (18). This crystalline form of the salt will readily dissolve in the body and is not expected to have any adverse health effects. Although large changes in salinity can disrupt tissues, the trace amounts of halite and the low frequency of detection do not indicate any potential health concern.

5. Crystalline Silica (Quartz and Cristobalite)

Silica is chemically inert for the most part, so it is the physical form of silica that imparts its toxicity. Small crystals of silica may be deposited in lung tissue. Once deposited, the crystals remain and fibrogenic lesions may appear over time, damaging the lung tissue and reducing lung capacity (26). Silica has been demonstrated to be a pulmonary toxin linked both to silicosis (a fibrotic lung disease) and lung cancer (27,28,29,30). These findings are supported by both human and animal studies. Chronic silica exposure may contribute to lung cancer; emphysema; obstructive airway, etiology, immune, or connective tissue disease; and lymph node fibrosis (27,30,31,32,33).

a. Silicosis

Generally silicosis is seen after years of high-level occupational exposures, although it can result from short-term acute exposure (26,30). It is not known if chronic ambient environmental exposure contributes to silicosis (26). Because the lung damage is proportional to the total amount of silica deposited in the lung, current evaluations are based on a measure of cumulative exposure of air concentration over work-years of exposure (28,34,35).

Short-term exposures to quartz, even for a continuous year of exposure at the highest estimated air concentration, is not expected to result in any adverse health effects.

Assuming worst-case theoretical assumptions, the estimated quartz levels measured cannot rule out adverse health effects from chronic exposures (i.e., 30 years). For individuals who conduct frequent cleaning of their residences, as recommended in this report, or participate in the U.S. Environmental Protection Agency cleaning/sampling program, it is unlikely that their exposure would resemble these worst-case conditions.

Exposures of less than 1 milligram per cubic meter 1 (mg/m^3) of air work-year* of exposure are believed to not result in significant incidence of silicosis in workers (28,34,35). The peak respirable quartz level estimated in lower Manhattan of 19 $\mu g/m^3$J would be equivalent to 0.08 (mg/m^3)-work year.‡ Therefore, at this measurement even an entire year of exposure 24 hours a day 7 days a week would not be expected to result in silicosis when compared to work environments known to result in silicosis.‡

b. Lung Cancer

The International Agency for Research on Cancer (IARC) has determined that there is sufficient evidence that crystalline silica in the form of quartz or cristobalite is carcinogenic in humans (28). The IARC cites only limited evidence for the carcinogenic potential of tridymite from animal studies and inadequate evidence in either humans or animals to classify amorphous silica. Respirable crystalline silica is listed as a known human carcinogen in the National Toxicology Program's ninth report to Congress (27).

Although the exact mechanism for silica-induced lung cancer is

not known, it is believed cancer incidence is linked to the development of other silica-induced lung disease (34). It is possible the mechanisms involved in the development of silicosis are linked to the carcinogenic process through the production of reactive oxygen species and tissue responses to immune signals and fibrotic changes (36,37). Some researchers have developed dose cancer risk estimates from epidemiologic studies by building off risk estimates for silicosis (34,38,39). A risk assessment produced for both silicosis and lung cancer on the basis of crystalline silica exposures reviews major studies and proposes that lung cancer incidence may be expected to increase by 14% for each additional 1 (mg/m^3) work-year exposure above the baseline of 1 (mg/m^3) work-year exposure (36).*

The maximum estimated detection of quartz (crystalline silica) in air in lower Manhattan was 19 $\mu g/m^3$J. Using the above risk estimates, the cumulative exposure for 1-year continuous exposure 0.08 (mg/m^3) work-year poses negligible increased cancer risk. Although there are uncertainties in this evaluation, current scientific opinion would indicate short-term exposures to the measured quartz levels do not pose a health hazard.†

If the highest measured airborne levels are representative of long-term conditions, the cumulative exposure for a continuous 30-year residence would exceed the 1 (mg/m^3) work-year cumulative exposure which is believed to be the departure point for adverse effects for both silicosis and lung cancer. Therefore these data cannot rule out the potential for long-term risk. However, the highest airborne level measured during this study is not necessarily representative of long-term exposure. In addition, the XRD analysis for quartz in air is semiquantitative (i.e., an estimated value). This adds additional uncertainty to the risk estimation. As presented in the discussion section of this report, it is expected that the ongoing cleaning of lower Manhattan and natural dispersion should reduce these materials over time, thus reducing long-term risk. Therefore cleaning should be continued and levels of respirable crystalline silica monitored, until the data demonstrate that long-term risk of adverse health effects is minimal.

6. Synthetic Vitreous Fibers

The term synthetic vitreous fibers (SVF) refers to several types of manufactured vitreous fibers: glass wool, mineral wool, and refractory ceramic fibers (RCF) (41,42). Because RCF was not found during this investigation, its health effects are not discussed. The types of SVF found in settled surface dust, glass wool and mineral wool, are primarily skin and upper respiratory tract irritants. Although some data do indicate a potential for pulmonary effects, no adverse effects on the lung are expected from the levels measured in this investigation.

a. Irritant Effects

No long-term health effects are

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expected from the skin and eye irritation that may have occurred because of exposure to synthetic vitreous fibers.

No adverse pulmonary health effects are expected from the levels of airborne synthetic vitreous fibers measured in this investigation.

The primary short-term and acute health effects of SVF are skin, upper respiratory tract, and eye irritation (42). It is the physical shape and size of the SVF fibers that cause irritation, generally fibers more than 5 microns in diameter cause skin irritation (41,43,44). The affected area may itch and a rash may form. These symptoms subside as exposure is ended, as the fibers slowly work themselves out of the affected tissue. Upper respiratory tract irritation due to inhaled fibers has been reported when fiber concentrations were greater than 1 f/cc in air (41,42,45).

Generally this type of irritation has been observed in individuals who are manufacturing and installing SVF insulation materials. Although the settled surface dust results indicate SVF is present in many areas of lower Manhattan, total dust loading is not known. Because these irritant health effects would be due to the total amount of SVF contact exposure, dust loading as well as activity levels would influence whether a particular environment was irritating. Extremely low levels were detected in the air samples analyzed via SEM. In the PCM analysis, even if all of the fibers counted are assumed to be SVF, the detected maximum value of 0.003 f/cc is well below the documented level of irritation. These data indicate that SVF is present at elevated levels in settled surface dust and may be an irritant under certain conditions, or to sensitive individuals. No long-term health effects are expected from the skin, eye, or upper respiratory tract irritation related to the SVF exposure.

b. Pulmonary Effects

SVF less than 3 microns in diameter are respirable and available to enter and deposit in the pulmonary regions of the lung (41). Clearance of these fibers from the lung will be determined by fiber solubility and length (41,42). Fibers cleared from the lung have less potential to create long-term health effects.* Although some animal studies have demonstrated both fibrotic and carcinogenic potential for fibrous glass and mineral wools (41,42,46), more recent studies do not fully support this finding.† Epidemiologic studies on workers exposed to fibrous glass do not provide consistent evidence of pulmonary effects, although some effects were noted (42,47). Similarly, when assessing deaths due to lung cancer in workers exposed to glass wool, studies do not provide strong evidence for increased risk of cancer deaths attributable to glass wool fiber exposures.

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The carcinogenic potential of fiberglass has been reviewed by several agencies. The IARC originally classified both glass and mineral wool fibers as Group 2B carcinogens, possibly carcinogenic to humans, based on animal studies (50). Similarly these materials were classified as carcinogens by the National Toxicology program and the American Conference of Governmental Industrial Hygienists (41,49). However a review of the carcinogenic potential of these fibers by IARC in 2001, which takes into account updated human studies, animal inhalation studies, and mechanistic studies, recommends a change in this classification. The IARC has announced that the recent monograph designates both glass and mineral wool as Group 3, unclassifiable as to carcinogenicity in humans, because of inadequate evidence of carcinogenicity in humans and the relatively low biopersistence of the materials (50).

Although both glass wool and mineral wool have been found at elevated levels in the settled surface dust in lower Manhattan, airborne levels are extremely low, and well below a level associated with the worker exposures reviewed in this report. No adverse pulmonary health effects are expected from the airborne SVF levels measured in this investigation.

7. Asbestos

Asbestos refers to a group of natural fibrous silicate minerals of various structures (18). Used primarily for its fire resistant properties and as an insulation material during the 1900s, asbestos is now known to cause pulmonary damage, lung cancer, and mesothelioma. Asbestos fibers less than 2 microns in diameter and less than 5 microns in length with a 3:1 aspect ratio may enter and deposit in the alveolar and pleural regions of the lung (10). Material that is not cleared by the normal processes of the lung will remain, resulting in possible damaged tissue, fibrotic lesions, and cancer (10,52–54). Fibers may also migrate from the lung to the pleural lining, causing mesothelioma. This discussion will focus on the most studied health effects, asbestosis and cancer. It should be noted that the chrysotile asbestos found in settled surface dust during this investigation is believed to be cleared from lungs to a greater degree than other forms of asbestos (10). Therefore the following review, which considers all forms of asbestos, would be conservative for chrysotile asbestos exposures.

a. Asbestosis

Asbestosis is similar to other mineral pneumoconiosis of the lung. Fibers are deposited in the lung and remain due to their insoluble nature and the inability of lung macrophages to engulf and remove longer fibers (>5 microns in length) (10,54). These fibers can create localized tissue damage, stimulate the immune system, and create a scarring of the lung.

Asbestosis has been observed in workers exposed over several years to levels much higher than seen environmentally. It is believed the cumulative exposure to asbestos correlates to the development of asbestosis, and some cases of asbestosis have been reported with only a brief high exposure documented (55).

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Because cumulative asbestos exposure is believed to be the appropriate metric for assessing asbestos health effects, it is possible long-term, continuous low-level exposures could contribute to asbestosis. Recent studies of a population exposed to tremolite asbestos in Libby, Montana, do indicate increased pleural anomalies, consistent with asbestosis, for individuals who were not exposed occupationally. Individuals who lived with plant workers or those who had contact with vermiculite piles containing tremolite had increased odds ratios for these anomalies (56).

Although asbestos is present in some settled surface dust in lower Manhattan, aggressive sampling produced a maximum level of 0.003 f/cc (PCM). This level is not high enough to result in asbestosis after short exposures. Although it is theoretically possible that lower level environmental exposures could contribute to disease over extended exposures, the data from this pilot study are too limited to support that finding.

Short-term exposures to asbestos, even for a continuous year of exposure at the highest estimated air concentration, are not expected to result in any adverse health effects.

Assuming worst-case theoretical assumptions, the highest fiber levels measured cannot rule out adverse health effects from chronic exposures (i.e., 30 years), but it is unlikely levels will remain elevated for that long. For individuals who conduct frequent cleaning of their residences, as recommended in this report, or participate in the U.S. Environmental Protection Agency cleaning/sampling program, it is unlikely that their exposure would resemble these worst-case conditions.

b. Lung Cancer and Mesothelioma

Asbestos exposure is known to increase lung cancer incidence, particularly for high-level occupational exposures over an extended period of time (e.g., decades) (10,48,52). Additionally, some studies have indicated increased lung cancer and mesothelioma due to high naturally occurring levels of asbestos or low dose environmental exposures (57–60). Longer asbestos fibers can penetrate into the deeper portions of the lung. Because asbestos is relatively insoluble, longer fibers cannot be physically removed by the body's immune systems and may remain in the lung and cause damage. Although the exact mechanism for lung cancer is not known, it is believed the localized immune response to the asbestos may contribute to cancer. Fibers may also migrate out of the lung and cause mesothelioma, a cancer specific to the lining around the lungs. In general, shorter fibers (less than 5 microns) are more efficiently cleared from the lung and therefore are less potent (10). Additionally, there is some indication that chrysotile asbestos is less potent than other forms of asbestos due to better clearance from the lungs.

EPA has established a cancer slope factor for asbestos to estimate risk in the general population due to chronic environmental exposures to asbestos (48).* Factors that influence excess cancer estimates are age at time of exposure, sex, and cigarette smoking (52).† EPA's Integrated Risk Information System (IRIS) is used to

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develop risk estimates for comparison, with the understanding that smokers will be at higher risk.

Air samples from several indoor areas with asbestos fibers detected in the settled surface dust did contain fibers as described by PCM analysis (0.001 f/cc to 0.003 f/cc).‡ Because none of these air samples were analyzed by TEM, it is not known if they were asbestos fibers. For this analysis of a worst-case exposure, it will be assumed they are asbestos. Four of these samples were taken in common areas during normal daily activity. All other air samples, including the highest, 0.003 f/cc, were taken in residences that were aggressively sampled. Using the IRIS slope factor, no appreciable increase in cancer risk is seen when considering a 1-year continuous exposure at the highest fiber level cited (1×10^{-5} excess cancer risk).

If the highest measured PCM levels are assumed to be all asbestos fibers (a worst-case assumption) and were representative of long-term conditions (another worst-case assumption), the cumulative exposure for a continuous 30-year residence would result in a greater risk estimate for lung cancer and mesothelioma. Therefore these data cannot rule out the potential for long-term risk. However, the highest airborne level measured during this study is not necessarily representative of long-term exposure nor is the highest level necessarily all asbestos fibers. As presented in the discussion section of this report, it is expected that the ongoing cleaning of lower Manhattan should reduce levels of these materials over time, thus reducing long-term risk. Therefore cleaning should be continued and levels of asbestos monitored, until the data demonstrate long-term risk of lung cancer and mesothelioma are minimal.

8. Multiple Material Exposures

Each of the materials discussed previously may exist singly or in combination with other materials found in lower Manhattan. The combinations of materials found in this investigation are described in the discussion of results. When exposures to multiple materials occur together, there is some potential that the agents may interact with respect to their adverse effects. Agents may be additive if they impact an organ system similarly. Synergistic and antagonistic effects may also be seen if the agents either potentiate or disrupt the effects of other agents.

a. Irritant Effects

The effects of the alkaline minerals are most likely additive, although it should be noted that not all of the materials are equally caustic. Therefore, cumulative effects on pH would be the best measure of irritant effects based on the caustic nature of the dust. There may also be potentially additive or synergistic effects with the irritant effects of the SVF. The ability of either caustic action or the mechanical action of the fibers or minerals to degrade the protective properties of skin and mucus membranes may make tissue more susceptible to irritant effects. Additionally, because both types of actions may trigger localized immune responses, these irritants may potentiate each other.

b. Noncancer Pulmonary Effects

Several of the minerals detected contribute to fibrotic lung damage and may result in several diseases that reduce lung function including silicosis, asbestosis, other mineral fibroses, emphysema, and other respiratory disorders. The mechanisms and pathology of these conditions are similar, and the effects of these agents may be considered at least additive. However, each material has a different toxicity based on the mineral properties of that material. Less biopersistent materials, such as SVF, have the least long-term toxicity, and more biopersistent material, such as asbestos, have greater long-term toxicity. In general, the order of toxicity may be SVF < mica < silica < asbestos, based on solubility and availability for clearance. No factors currently exist to combine risk estimates for these different materials.

CONCLUSIONS

On the basis of the analytical results of samples taken between November 4 through December 11, 2001, and information collected during the sampling effort, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry make the following conclusions (not in order of importance).

· Total fiber counts of air samples taken in lower Manhattan were similar to the comparison areas above 59th Street sampled during this investigation. The six lower Manhattan areas that had elevated total fiber counts were re-examined by transmission electron microscopy (TEM) and scanning electron microscopy (SEM). The TEM and SEM results indicated that neither asbestos nor SVF contributed to the elevated fiber counts.

· Low levels of asbestos were found in some settled surface dust, primarily below Chambers Street. Many of the lower Manhattan locations sampled had been previously cleaned prior to this investigation. No asbestos was detected in the comparison indoor dust samples taken north of 59th Street. The City of New York has conducted follow-up activities at the locations where asbestos was detected in settled surface dust. Only two follow-up locations, outdoor areas, required professional asbestos abatement. Following-up activity at the other locations did not find any asbestos containing materials.

· When compared with the results obtained from the comparison sampling locations, the lower Manhattan residential areas sampled by this investigation tended to have a greater percentage of SVF (primarily fiberglass), mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) in settled surface dust. However, the frequency of detections and prevalence patterns of these minerals are similar in both residential areas.

· Exposure to significant amounts of synthetic vitreous fibers (SVF), mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum) may cause skin rashes, eye irritation, and upper respiratory irritation, all of which have been voiced as concerns by

citizens and first responders. If the reported irritant effects are associated with World Trade Center related materials, these effects will subside once exposure to SVF, mineral components of concrete, and mineral components of building wallboard end. Some people with pre-existing heart or lung disease (e.g., asthma) or a previous history of very high levels of exposures (occupational) to SVF, mineral components of concrete, and mineral components may be more sensitive to the irritant effects of SVF, mineral components of concrete, and mineral components of building wallboard.

· Sometimes mineral components of concrete (calcite and portlandite) and mineral components of building wallboard (gypsum, mica, and halite) were detected in air samples at higher estimated levels in lower Manhattan residential areas than in samples taken at comparison residential areas above 59th Street. These detected mineral levels are orders of magnitude below occupational standards. Although the occupational standards do not account for sensitive individuals or extended periods of exposure, they provide a comparison to an established health guidance value. The levels of minerals seen in airborne dust do not pose potential health hazards even for a continuous year of exposure at the highest levels detected.

· Some settled surface dust could become airborne if disturbed. Therefore, people could potentially inhale the asbestos, SVF, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) found in settled surface dust of some lower Manhattan residences. Because we did not determine the weight of dust present in the areas sampled, it is not possible to determine whether any particular residence had an elevated dust loading. Appropriate continued frequent cleaning should minimize exposures.

· Several worst-case assumptions were made in order to assess the potential long-term public health risks of airborne asbestos and quartz. Some of the assumptions were that no cleaning of indoor spaces has occurred or will occur, all fibers found in air were asbestos fibers, and the highest levels detected last fall in air represent long-term air levels. Using these worst-case assumptions, prolonged exposure (decades) to airborne asbestos and quartz *may* increase the long-term, theoretical risk of people developing lung cancer and other adverse lung health effects (more than 1 additional case in 10,000 people exposed). For individuals who conduct frequent cleaning of their residences, as recommended in this report, or participate in the U.S. Environmental Protection Agency cleaning/sampling program, it is unlikely that their exposure would resemble these worst-case conditions.

· A review of the building sampling results from this investigation indicates that there is not a consistent spatial distribution pattern of asbestos, SVF, mineral components of concrete, and mineral components of wallboard in air and settled surface dust. This indicates that the materials are heterogeneously distributed. There are many factors that may contribute to the heterogeneous distribution, including whether the area was cleaned (indoors and

outdoors), cleaning method, date since last cleaning, and how much dust was initially in the area. It is not clear which factors contributed to this trend.

· Results from this investigation do not necessarily reflect conditions that would be found in other buildings, at other times just following the collapse, or after the sampling period. The measurements reflect conditions present at the time of the sampling (November 4–December 12, 2001) in the buildings and areas sampled. The limited number of results obtained from the comparison areas above 59th Street may or may not reflect the New York City-specific background levels of asbestos, SVF, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite).

RECOMMENDATIONS

On the basis of the conclusions of this investigation, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry make the following recommendations.

· Because more asbestos, synthetic vitreous fibers (e.g., fiberglass), mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite) were found in settled surface dust in lower Manhattan residential areas when compared to comparison residential areas above 59th Street, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry are recommending that people continue to conduct frequent cleaning with HEPA vacuums and damp cloths/mops to reduce the potential for exposure.

· To ensure that the recommended frequent cleaning is effective and to ensure that the health of people of New York City is protected, the New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry are recommending additional monitoring of residential areas in lower Manhattan. In addition, an investigation should be conducted to better define background levels specific to the city of New York for asbestos, synthetic vitreous fibers, mineral components of concrete (quartz, calcite, and portlandite), and mineral components of building wallboard (gypsum, mica, and halite).

· Lower Manhattan residents concerned about possible World Trade Center-related dust in their residential areas can request cleaning and/or testing from the U.S. Environmental Protection Agency (EPA) by logging on to the agency's World Trade Center Web page at www.epa.gov/wtc or by calling the EPA hotline at 1-877-796-5471.

PUBLIC HEALTH ACTION PLAN

The Public Health Action Plan (PHAP) for the World Trade Center response contains a description of actions to be taken by the New

York City Department of Health and Mental Hygiene (NYC DOHMH), the U.S. Agency for Toxic Substances and Disease Registry (ATSDR), and/or other government agencies. The purpose of the PHAP is to ensure that this investigation not only identifies potential public health hazards, but also provides a plan of action designed to mitigate and prevent possible adverse human health effects resulting from exposure to hazardous substances in the environment.

A. Public Health Actions Taken

Shortly after the collapse of the World Trade Center towers, NYC DOHMH staff, along with other governmental and private organizations, provided respirators and fit checking for people participating in the recovery operations.

Beginning September 13, 2001, NYC DOHMH staff coordinated daily conference calls with the various governmental and private organizations that were conducting environmental sampling at and around the World Trade Center. These coordination calls ended in January 2002.

On September 15, 2001, the U.S. Department of Health and Human Services, the U.S. Environmental Protection Agency, and the U.S. Department of Labor formed the World Trade Center Environmental Assessment Working Group. The purpose of the group is to coordinate public health and occupational sampling and data review among the three federal agencies in support of the New York City Department of Health and Mental Hygiene and the New York State Department of Health. Other governmental (e.g., New York State Department of Health, New York State Department of Environmental Conservation, New York City Department of Health and Mental Hygiene, and the New York City Department of Environmental Protection) and private organizations (unions, research institutions, companies) participated on the Working Group.

Shortly after September 11, 2001, and through June of 2002, the U.S. Environmental Protection Agency (EPA), the Occupational Safety and Health Administration, the New York State Department of Environmental Conservation, the New York State Department of Health, and the New York City Department of Environmental Protection conducted frequent ambient environmental and occupational monitoring of many different types specifically for the World Trade Center response.

From September 18 through October 4, 2001, the National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, conducted occupational sampling and evaluation of the conditions at the World Trade Center.

From November 4 through December 11, 2001, NYC DOHMH and ATSDR, with assistance from the U.S. Public Health Service Commissioned Corps, conducted limited sampling of residential areas in lower Manhattan.

On February 4, 2002, NYC DOHMH and ATSDR provided the public with the preliminary findings (asbestos air and dust and synthetic

vitreous fibers dust sampling results) of the limited residential sampling investigation conducted in November and December of 2001. Various public meetings were conducted to provide the public with the most relevant information.

On February 13, 2002, EPA formed the Indoor Air Task Force to help address the remaining indoor air quality issues in lower Manhattan.

On March 8, 2002, New York City created the lower Manhattan Air Quality Task Force.

On May 8, 2002, EPA and its federal, state, and city partners announced a comprehensive plan to ensure that residences impacted by the collapse of the World Trade Center have been properly cleaned.

On June 1, 2002, lower Manhattan residents concerned about possible World Trade Center-related dust in their residential areas could begin to request cleaning and/or testing from EPA by logging on to the agency's World Trade Center Web page at www.epa.gov/wtc or by calling the EPA hotline at 1-877-796-5471.

B. Public Health Actions Planned

During the summer of 2002, EPA and its federal, state, and city partners will conduct additional sampling of settled surface dust and air of residential areas not impacted by the collapse of the World Trade Center towers. The purpose of this investigation is to better define the New York City-specific background levels of asbestos, synthetic vitreous fibers, and quartz. Mineral components of concrete (calcite and portlandite) and mineral components of building wallboard (gypsum, mica, and halite) will also be investigated.

During the summer of 2002, EPA and its federal, state, and city partners will conduct an investigation to determine the effectiveness of various cleaning methods to remove World Trade Center-related material.

In late summer/early fall 2002, EPA will begin to conduct cleaning and/or testing of residential areas requested by lower Manhattan residents.

The New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry will establish a unified World Trade Center Exposure Registry of people who may have been exposed to harmful substances resulting from the collapse of the World Trade Center towers.

The New York City Department of Health and Mental Hygiene and the U.S. Agency for Toxic Substances and Disease Registry will continue to work with other federal, state, and local agencies to provide information on the sampling results to the citizens of New York and to help interpret the possible health effects of contaminants found.

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World Trade Center Environmental Assessment Working Group

Formed on September 15, 2001, the World Trade Center Environmental Assessment Working Group is made up of representatives from the U.S. Department of Health and Human Services, the U.S. Environmental Protection Agency, and the U.S. Department of Labor. Other governmental (e.g., New York State Department of Health, New York State Department of Environmental Conservation, New York City Department of Health and Mental Hygiene and New York City Department of Environmental Protection) and private organizations (unions, research institutions, companies) participated on the Working Group. The purpose of the group is to coordinate public health and occupational sampling and data review among the three federal agencies in support of the New York City Department of Health and Mental Hygiene and the New York State Department of Health.

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* Cumulative exposure is expressed as a constant air concentration over a specified period of time. If a worker is exposed to a constant concentration of 1 mg/m^3 of quartz throughout the workday, for an entire year, that is equivalent to 1 (mg/m^3) work-year. (One milligram per cubic meter of air is 1 mg/m^3).

† In order to compare a continuous residential exposure to a workday exposure, the estimated air level was adjusted to be comparable to a shorter workday exposure across the entire year.

† It should be noted that children might be at slightly higher risk than adults in sensitive populations. However, the estimated 0.08 (mg/m^3) work-year exposure is significantly below the departure threshold of 1 mg/m^3 per work-year exposure, and therefore no adverse effects would be expected.

* This estimate was derived by looking at cancer incidence studies and by relating the incidence of lung cancer to silicosis risk estimates. Both methods provided similar risk estimates. However it should be noted other authors caution about directly linking silicosis and lung cancer risk estimates (39).

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† There are many uncertainties about whether this risk would be realized. The first is that even though the risk of cancer is not linear, the risk estimates treat it as linear (36). Therefore there may be an overestimate of risk at low exposures compared with the studied populations. The air levels of silica we are examining here are well below those studied in worker populations; therefore even this small increased risk may be overestimated. Conversely, the studied populations were adult workers. So risk estimates based on these studies may underestimate risks to children and to adults with respiratory disorders.

* Less soluble materials have a longer residence time in the lung and therefore have a greater potential to contribute to tissue damage or malignant disease. Within SVF types, glass fibers and slag wool are considered the most soluble, and therefore least toxic. Mineral wool is less soluble than glass wool. Fibers longer than approximately 15 microns, the diameter of a macrophage, are also cleared less efficiently, leading to a greater potential for adverse effects (26).

† Early studies often relied upon injection and implantation studies, which may not accurately predict a pulmonary response from inhalation exposures. A review of inhalation studies indicates that glass wool did not cause pulmonary fibrosis or lung cancer in these animal studies (47). A recent study by Hesterberg indicates no increase in pulmonary fibrosis or lung cancer even at doses of 222 f/cc, although cancer incidence in control animals was considered high (51).

* This slope factor is based on epidemiologic studies and assumes a linear dose response for cancer, even at very low environmental doses (0.23 excess cancers per million people exposed for each f/cc of asbestos.) This type of cancer risk estimate may over predict risk and does not take into account any lower threshold for effect, which may exist. Additionally, the EPA slope factor was designed to apply equally to all types of asbestos, and all fibers greater than 5 microns in length (IRIS).

† Variability in these factors is not accounted for in the EPA slope factor because it does not include synergistic effects with the effects of smoking (48).

† However, because asbestos as a percentage of settled surface dust was elevated, an area with significant dust may be capable of generating higher airborne levels of asbestos, especially during high activity.

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July 22, 2003

Mr. Chris Dunlap
U.S. EPA Office of the Inspector General
Mail Drop: N-283-01
RTP, North Carolina 27711

Re: Excerpts from Draft Evaluation Report: EPA's Response to the World Trade Center Collapse: Lessons Learned, Assignment No. 2002- 0000702

Dear Mr. Dunlap:

Enclosed is a report from the New York City Department of Environmental Protection concerning the cleaning of exteriors of buildings in the area of the World Trade Center site. I have also enclosed an article from the "Construction News" about the WTC Emergency Project Partnership Agreement, which mentions the EPA's role in the asbestos issue. If you would like any other information, or if you would like to discuss these documents or our comments, please call me. Thank you for your time and cooperation.

Sincerely yours,

Jay L. Cohen

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7-22-03; 2:53PM

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BUILDING EXTERIORS CLEANED BY NYC DEP

AREA

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
LIBERTY STREET	55 LIBERTY STREET	64	8	100108	Completed

AREA 1

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
BARCLAY STREET	12 BARCLAY STREET	88	14	180109	Completed
BARCLAY STREET	14 BARCLAY STREET	88	13	100124	Completed
BARCLAY STREET	16 BARCLAY STREET	88	12	100123	Completed
BARCLAY STREET	22 BARCLAY STREET	88	11	100123	Completed
BEEKMAN STREET	52 BEEKMAN STREET	100	1	100135	Completed
BROADWAY	173 BROADWAY	63	21	100107	Completed
BROADWAY	174 BROADWAY	65	16	100109	Completed
BROADWAY	175 BROADWAY	63	20	100107	Completed

Post-it® Fax Note 7671 | Date 7-22 | # of pages ▶ 14
To Jay Cohen | From Michael Gibson
Co./Dept. | Co. | Phone # | Fax #
Phone # | Fax #

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7-22-03; 2:53PM ;

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BROADWAY	177 BROADWAY	63	19	100107	Completed
BROADWAY	179 BROADWAY	63	18	100107	Completed
BROADWAY	181 BROADWAY	63	17	100107	Completed
BROADWAY	183 BROADWAY	63	16	100107	Completed
BROADWAY	187 BROADWAY	63	15	100107	Completed
BROADWAY	189 BROADWAY	63	13	100107	Completed
BROADWAY	250 BROADWAY	124	24	100140	Completed
BROADWAY	265 BROADWAY	135	31	100147	Completed
CHAMBERS STREET	110 CHAMBERS STREE	136	27	100148	Completed
CHAMBERS STREET	114 CHAMBERS STREE	136	25	107916	Completed
CHAMBERS STREET	116 CHAMBERS STREE	136	24	100148	Completed
CHAMBERS STREET	118 CHAMBERS STREE	136	23	100148	Completed
CHAMBERS STREET	119 CHAMBERS STREE	145	9	100158	Completed
CHAMBERS STREET	121 CHAMBERS STREE	145	10	100158	Completed
CHAMBERS STREET	128 CHAMBERS STREE	136	16	100148	Completed
CHAMBERS STREET	143 CHAMBERS STREE	140	3	100150	Completed
CHAMBERS STREET	144 CHAMBERS STREE	137	34	100149	Completed

NYC-WTC 000146721

7-22-03; 2:53PM

CHAMBERS STREET	145 CHAMBERS STREE	140	4	100150	Completed
CHAMBERS STREET	146 CHAMBERS STREE	137	33	100149	Completed
CHAMBERS STREET	148 CHAMBERS STREE	137	32	100149	Completed
CHAMBERS STREET	150 CHAMBERS STREE	137	7501	100149	Completed
CHAMBERS STREET	154 CHAMBERS STREE	137	29	100149	Completed
CHAMBERS STREET	155 CHAMBERS STREE	140	9	100150	Completed
CHAMBERS STREET	156 CHAMBERS STREE	137	28	100149	Completed
CHAMBERS STREET	92 CHAMBERS STREET	135	20	100146	Completed
CHAMBERS STREET	96 CHAMBERS STREET	135	18	100146	Completed
CHAMBERS STREET	97 CHAMBERS STREET	149	12	100163	Completed
CHAMBERS STREET	98 CHAMBERS STREET	135	17	106618	Completed
CHURCH STREET	100 CHURCH STREET	125	20	100140	Completed
CHURCH STREET	111 CHURCH STREET	124	12	100140	Completed
CHURCH STREET	200 CHURCH STREET	147	28	100161	Completed
CORTLANDT STREET	10 CORTLANDT STREE	63	1	107896	Completed
DEY STREET	5 DEY STREET	63	12	100107	Completed
DUANE STREET	131 DUANE STREET	147	2	100160	Completed

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NYC-WTC 000146722

7-22-03; 2:53PM

NYC 9/11 Public Portal Document

FULTON STREET	112 FULTON STREET	78	49	100121	Completed
GREENWICH STREET	141 GREENWICH STREE	52	22	107570	Completed
JOHN STREET	17 JOHN STREET	79	10	100121	Completed
MURRAY STREET	41 MURRAY STREET	133	7501	100144	Completed
MURRAY STREET	45 MURRAY STREET	133	7	100143	Completed
MURRAY STREET	47 MURRAY STREET	133	8	100143	Completed
MURRAY STREET	49 MURRAY STREET	133	7503	100143	Completed
MURRAY STREET	51 MURRAY STREET	133	10	100143	Completed
MURRAY STREET	53 MURRAY STREET	133	11	100143	Completed
MURRAY STREET	59 MURRAY STREET	133	15	108202	Completed
MURRAY STREET	75 MURRAY STREET	132	6	100142	Completed
NASSAU STREET	113 NASSAU STREET	90	17	100125	Completed
PARK PLACE	19 PARK PLACE	124	8	100140	Completed
PARK PLACE	43 PARK PLACE	126	8	100141	Completed
PARK PLACE	45 PARK PLACE	126	9	107914	Completed
PARK ROW	1 PARK ROW	90	1	108594	Completed
PARK ROW	15 PARK ROW	90	7501	100124	Completed

NYC-WTC 000146723

7-22-03; 2:53PM

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READE STREET	104 READE STREET	146	7503	100159	Completed
READE STREET	105 READE STREET	145	18	100158	Completed
READE STREET	109 READE STREET	145	7503	107780	Completed
READE STREET	110 READE STREET	146	10	100159	Completed
READE STREET	111 READE STREET	145	16	100158	Completed
READE STREET	112 READE STREET	146	11	100159	Completed
READE STREET	113 READE STREET	145	15	100158	Completed
READE STREET	92 READE STREET	146	1	100159	Completed
READE STREET	94 READE STREET	146	2	100159	Completed
SOUTH END AVENUE	2 SOUTH END AVENUE	16	7511	108281	Completed
SOUTH END AVENUE	250 SOUTH END AVEN	16	7503	106508	Completed
VESEY STREET	12 VESEY STREET	88	2	100123	Completed
VESEY STREET	18 VESEY STREET	88	4	100123	Completed
VESEY STREET	26 VESEY STREET	88	8	100123	Completed
WARREN STREET	22 WARREN STREET	135	10	100146	Completed
WARREN STREET	26 WARREN STREET	135	11	100146	Completed
WARREN STREET	49 WARREN STREET	133	22	107915	Completed

NYC-WTC 000146724

7-22-03; 2:53PM

WARREN STREET	53 WARREN STREET	133	21	100144	Completed
WARREN STREET	54 WARREN STREET	136	11	100147	Completed
WARREN STREET	55 WARREN STREET	133	12	100144	Completed
WARREN STREET	56 WARREN STREET	136	12	100147	Completed
WARREN STREET	86-90 WARREN STREET	137	10	180548	Completed
WARREN STREET	92 WARREN STREET	137	13	107916	Completed
WARREN STREET	92 WARREN STREET	137	13	107916	Completed
WEST BROADWAY	30 WEST BROADWAY	127	1	100141	Completed
WILLIAM STREET	123 WILLIAM STREET	78	4	107906	Completed
WILLIAM STREET	123 WILLIAM STREET	78	4	107906	Completed

AREA 2

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
ANN STREET	15 ANN STREET	90	24	100126	Completed
ANN STREET	17 ANN STREET	90	23	100126	Completed
ANN STREET	21 ANN STREET	90	21	100125	Completed
ANN STREET	35 ANN STREET	92	23	100127	Completed

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ANN STREET	47 ANN STREET	92	17	100127	Completed
ANN STREET	49 ANN STREET	92	14	107909	Completed
ANN STREET	55 ANN STREET	92	13	100127	Completed
ANN STREET	57 ANN STREET	92	10	100127	Completed
BEEKMAN STREET	25 BEEKMAN STREET	92	34	100127	Completed
BEEKMAN STREET	5 BEEKMAN STREET	90	14	107907	Completed
BROADWAY	176 BROADWAY	65	17	100110	Completed
BROADWAY	180 BROADWAY	65	18	100110	Completed
BROADWAY	182 BROADWAY	65	19	100110	Completed
BROADWAY	192 BROADWAY	79	15	100121	Completed
BROADWAY	196 BROADWAY	79	16	100121	Completed
BROADWAY	198 BROADWAY	79	18	100122	Completed
BROADWAY	202 BROADWAY	79	19	100122	Completed
BROADWAY	204 BROADWAY	79	21	100122	Completed
DUTCH STREET	15 DUTCH STREET	78	7504	100119	Completed
DUTCH STREET	7 DUTCH STREET	78	26	100119	Completed
FULTON STREET	104 FULTON STREET	78	21	100119	Completed

NYC-WTC 000146726

7-22-03; 2:53PM

NYC 9/11 Public Portal Document

FULTON STREET	111 FULTON STREET	91	1	100126	Completed
FULTON STREET	114 FULTON STREET	78	7501	100120	Completed
FULTON STREET	118 FULTON STREET	78	46	100120	Completed
FULTON STREET	119 FULTON STREET	91	8	100126	Completed
FULTON STREET	120 FULTON STREET	78	45	100120	Completed
FULTON STREET	121 FULTON STREET	91	9	107908	Completed
FULTON STREET	122 FULTON STREET	78	44	100120	Completed
FULTON STREET	123 FULTON STREET	91	9	100126	Completed
FULTON STREET	125 FULTON STREET	91	11	107921	Completed
FULTON STREET	127 FULTON STREET	91	12	100126	Completed
FULTON STREET	141 FULTON STREET	89	2	100124	Completed
FULTON STREET	143 FULTON STREET	89	3	100124	Completed
FULTON STREET	70 FULTON STREET	76	28	100118	Completed
FULTON STREET	81 FULTON STREET	93	1	100128	Completed
FULTON STREET	90 FULTON STREET	77	23	100119	Completed
FULTON STREET	92 FULTON STREET	77	22	100119	Completed
FULTON STREET	94 FULTON STREET	77	21	107921	Completed

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GOLD STREET	44 GOLD STREET	76	25	100118	Completed
GOLD STREET	80 GOLD STREET	94	1	108335	Completed
JOHN STREET	12 JOHN STREET	65	20	100110	Completed
JOHN STREET	15 JOHN STREET	79	14	100121	Completed
JOHN STREET	20 JOHN STREET	65	22	100110	Completed
JOHN STREET	24 JOHN STREET	65	24	100110	Completed
JOHN STREET	39 JOHN STREET	78	35	100120	Completed
JOHN STREET	41 JOHN STREET	78	7502	107570	Completed
JOHN STREET	44 JOHN STREET	67	30	100111	Completed
MAIDEN LANE	101 MAIDEN LANE	68	10	100112	Completed
MAIDEN LANE	15 MAIDEN LANE	65	7	100109	Completed
MAIDEN LANE	21 MAIDEN LANE	65	6	100109	Completed
MAIDEN LANE	25 MAIDEN LANE	65	4	100109	Completed
MAIDEN LANE	75 MAIDEN LANE	68	11	100111	Completed
MAIDEN LANE	83 MAIDEN LANE	68	7	100111	Completed
MAIDEN LANE	9 MAIDEN LANE	65	10	100109	Completed
MAIDEN LANE	95 MAIDEN LANE	68	18	100112	Completed

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NASSAU STREET	111 NASSAU STREET	90	18	100125	Completed
NASSAU STREET	116 NASSAU STREET	92	24	107909	Completed
NASSAU STREET	118 NASSAU STREET	92	26	100127	Completed
NASSAU STREET	120 NASSAU STREET	92	27	100127	Completed
NASSAU STREET	122 NASSAU STREET	92	28	100127	Completed
NASSAU STREET	124 NASSAU STREET	92	29	100127	Completed
NASSAU STREET	63 NASSAU STREET	65	2	100109	Completed
NASSAU STREET	80 NASSAU STREET	78	7503	100120	Completed
NASSAU STREET	83 NASSAU STREET	79	3	100121	Completed
NASSAU STREET	85 NASSAU STREET	79	2	100121	Completed
NASSAU STREET	86 NASSAU STREET	78	40	100120	Completed
NASSAU STREET	86.5 NASSAU STREET	78	41	100120	Completed
NASSAU STREET	87 NASSAU STREET	79	1	100121	Completed
NASSAU STREET	88 NASSAU STREET	78	42	100120	Completed
NASSAU STREET	94 NASSAU STREET	91	13	100126	Completed
PARK ROW	29 PARK ROW	90	10	100125	Completed
PARK ROW	34 PARK ROW	90	13	100125	Completed

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NYCMTC 00014729

7-22-03; 2:53PM

PEARL STREET	205 PEARL STREET	68	7501	100112	Completed
PEARL STREET	211 PEARL STREET	69	6	100112	Completed
PEARL STREET	212 PEARL STREET	70	20	100113	Completed
PEARL STREET	213 PEARL STREET	69	5	100111	Completed
PEARL STREET	215 PEARL STREET	68	4	100111	Completed
PINE STREET	50 PINE STREET	41	7501	100101	Completed
PLATT STREET	12 PLATT STREET	69	23	107905	Completed
PLATT STREET	12 PLATT STREET	69	23	107905	Completed
PLATT STREET	12 PLATT STREET	69	23	107905	Completed
WILLIAM STREET	130 WILLIAM STREET	77	15	100118	Completed
WILLIAM STREET	136 WILLIAM STREET	77	18	100118	Completed
WILLIAM STREET	156 WILLIAM STREET	93	20	100128	Completed
WILLIAM STREET	161 WILLIAM STREET	92	5	100126	Completed
WILLIAM STREET	164 WILLIAM STREET	93	24	100128	Completed
WILLIAM STREET	167 WILLIAM STREET	92	3	100126	Completed

NYC-WTC 000146730

17185954544;# 12

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AREA 3

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
ALBANY STREET	300 ALBANY STREET	16	7504	100043	Completed
BATTERY PLACE	17 BATTERY PLACE	15	7501	108263	Completed
BEAVER STREET	48 BEAVER STREET	29	7501	107899	Completed
BEAVER STREET	52 BEAVER STREET	29	7501	107899	Completed
BROAD STREET	20 BROAD STREET	23	50	100081	Completed
BROAD STREET	41 BROAD STREET	25	10	100082	Completed
BROAD STREET	45 BROAD STREET	25	7	100082	Completed
BROAD STREET	50 BROAD STREET	24	36	100082	Completed
BROAD STREET	60 BROAD STREET	24	1	100081	Completed
BROADWAY	209 BROADWAY	87	1	100123	Completed
BROADWAY	47 BROADWAY	20	12	100080	Completed
BROADWAY	49 BROADWAY	20	13	100080	Completed
BROADWAY	50 BROADWAY	22	24	100081	Completed
EXCHANGE PLACE	40 EXCHANGE PLACE	25	27	100082	Completed

NYC-WTC 000146731

7-22-03; 2:53PM

GREENWICH STREET	133 GREENWICH STREE	52	8	107900	Completed
GREENWICH STREET	135 GREENWICH STREE	52	8	107900	Completed
GREENWICH STREET	67 GREENWICH STREE	19	11	100079	Completed
GREENWICH STREET	94 GREENWICH STREE	53	41	100105	Completed
GREENWICH STREET	94.5 GREENWICH STRE	53	40	100105	Completed
GREENWICH STREET	96 GREENWICH STREE	53	39	100105	Completed
LIBERTY STREET	110 LIBERTY STREET	52	7501	100104	Completed
LIBERTY STREET	114 LIBERTY STREET	52	7502	100104	Completed
LIBERTY STREET	120 LIBERTY STREET	52	21	100104	Completed
LIBERTY STREET	33 LIBERTY STREET	66	1	100110	Completed
MAIDEN LANE	10 MAIDEN LANE	64	21	100109	Completed
MAIDEN LANE	22 MAIDEN LANE	64	2	100108	Completed
MAIDEN LANE	80 MAIDEN LANE	42	31	100101	Completed
MAIDEN LANE	90 MAIDEN LANE	42	36	100101	Completed
NASSAU STREET	49 NASSAU STREET	64	7	100108	Completed
NASSAU STREET	53 NASSAU STREET	64	5	100108	Completed
NASSAU STREET	55 NASSAU STREET	64	4	100108	Completed

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NYC-WTC_000146732

7-22-03; 2:53PM

NEW STREET	42 NEW STREET	24	19	100081	Completed
PINE STREET	60 PINE STREET	41	15	100100	Completed
RECTOR PLACE	333 RECTOR PLACE	16	80	100005	Completed
RECTOR STREET	11 RECTOR STREET	19	21	100080	Completed
TRINITY PLACE	104 TRINITY PLACE	52	15	100103	Completed
TRINITY PLACE	112 TRINITY PLACE	52	30	100104	Completed
WALL STREET	14 WALL STREET	46	9	100102	Completed
WALL STREET	26 WALL STREET	43	6	100102	Completed
WALL STREET	30 WALL STREET	43	5	100101	Completed
WALL STREET	45 WALL STREET	26	21	100082	Completed
WALL STREET	63 WALL STREET	27	9	100082	Completed
WASHINGTON STREE	90 WASHINGTON STRE	17	29	100079	Completed
WATER STREET	130 WATER STREET	39	7501	100088	Completed
WILLIAM STREET	52 WILLIAM STREET	40	16	100100	Completed
WILLIAM STREET	60 WILLIAM STREET	41	22	100101	Completed
WILLIAM STREET	62 WILLIAM STREET	41	24	100101	Completed

TOTAL # OF BUILDINGS CLEANED = 221

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Ground Zero' Worker Safety Accord Signed (11/21/01)

by David S. Chartock

U.S. Secretary of Labor Elaine Chao joined the Construction Industry Partnership (CIP), contractors, representatives from the City of New York, the Occupational Safety and Health Administration (OSHA) and the Fire Department of New York (FDNY) in signing a worker safety agreement for the World Trade Center (WTC) Emergency Project.

The "WTC Emergency Project Partnership Agreement" was formalized at the CIP's recent annual Safety Conference. The safety conference was co-sponsored by the Building Trades Employers' Association (BTEA), the Building and Construction Trades Council (BCTC) and New York Construction News. CIP is made up of the BTEA and BCTC.

"I made a special trip to support the signing of this partnership agreement because it means so much to the Americans who are working tirelessly at Ground Zero," Chao said.

"The work going on right now at Ground Zero continues to be painful, sad and necessary. It is important to all of America and it is also perilous. We have been fortunate that there have been no fatalities at the WTC site since Sept. 11. The recovery effort is a noble but dangerous job," she continued.

"Terrorists have made it one of the most hazardous workplaces in America. The partnership we have formed will make it safer. To lose any more lives at the WTC site would compound a tragedy. This Administration is determined not to let that happen," Chao said.

"At the U.S. Department of Labor, we have been committed to the safety and health of these workers from the start. OSHA has been providing around-the-clock assistance to identify and facilitate the correction of safety and health hazards," she added.

She also said, "This partnership will ensure, going forward, that the site is safe and healthy for workers as they restore the site. In the aftermath of Sept. 11, efforts first focused on the search and rescue efforts. As we transition from rescue and recovery to recovery and rehabilitation of the site, we must ensure the safety and health of the workers at the site. We are united as a people, focused and committed to doing the right thing. This agreement is a reaffirmation of that unity."

John Henshaw, the Assistant U.S. Secretary of Labor for OSHA, added, "Our role is to identify hazards on a given day, inspect riggers and cranes and address issues. When issues come up, we work with labor and management to abate them. Safety is and will be No. 1. It will save lives and reduce injuries."

In addition, he noted that the U.S. Environmental Protection Agency (EPA) "is working on the asbestos issue. And OSHA is working with the EPA."

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Continuing, Henshaw said OSHA has taken over 2,2000 environmental samples since Sept. 13 and found that exposure levels are well below recognized levels. However, "respirators are used because things change daily."

Patricia Clark, OSHA's regional administrator, said that the ever-changing environment at the WTC site "is the biggest hazard on the site. She described the changing environment as a changing rubble pile with fires burning below it, movement of the rubble pile and void spaces below it. As a result, this ever-changing environment creates unique hazards that have and will continue to be addressed."

AMEC Vice Chairman John Cavanagh estimated on Nov. 20 that approximately six months more of debris removal work remains and that half of it has already been removed.

He noted that "the fires continue. It is the longest commercial fire that has ever occurred at a site. A volume of plastic, carpet and furniture below the rubble is what is continuing to burn. The New York Fire Department is there constantly wetting down critical areas. And with all that has gone on, it has been an extremely safe site."

"The unprecedented challenges and hazards at the WTC site call for unprecedented cooperation between labor, management and government," noted BCTC President Edward J. Malloy.

"This partnership," Malloy added, "is needed to protect the safety and health of dedicated and courageous workers who are laboring under such difficult circumstances."

He added that shared information through the agreement "will allow us to address long-term issues."

The signed accord calls for the following:

- Prevention of occupational related fatalities and serious injuries and illnesses for all workers involved in the WTC Emergency Project.
- Compliance with and implementation of the WTC Emergency Project
- Environmental, Safety and Health Plan.
- Immediate abatement of all serious hazards.
- The sharing of all exposure monitoring data to include sampling for air contaminants, noise, heat and cold, radiation and biological agents.
- The sharing of all safety hazards.

"This unprecedented partnership between government, labor and management is helping to make the most dangerous construction site in America into the safest one," said BTEA Chairman Louis J. Coletti.

Ground Zero contractors who participated in the signing of the agreement included Bovis Lend Lease LMB, Turner Construction, Tully Construction, AMEC Construction Management Inc. and Plaza Construction.

The following parties have also agreed to continue to work in cooperation with organizations assisting in the WTC Emergency Project to achieve the goals of this partnership: the New York City Office of Emergency Management, the New York Police Department, the New York City Department of Health, the New York State Department of Environmental Conservation, the New York State Department of Labor, the Port Authority of NY&NJ, Liberty Mutual Insurance Co., the U.S. Environmental Protection Agency and the Building and Construction Trades Department of the AFL-CIO.

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BUILDING EXTERIORS CLEANED BY NYC DEP

AREA 1

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
LIBERTY STREET	55 LIBERTY STREET	64	8	100108	Completed

AREA 1

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
BARCLAY STREET	12 BARCLAY STREET	88	14	180109	Completed
BARCLAY STREET	14 BARCLAY STREET	88	13	100124	Completed
BARCLAY STREET	16 BARCLAY STREET	88	12	100123	Completed
BARCLAY STREET	22 BARCLAY STREET	88	11	100123	Completed
BEEKMAN STREET	52 BEEKMAN STREET	100	1	100135	Completed
BROADWAY	173 BROADWAY	63	21	100107	Completed
BROADWAY	174 BROADWAY	65	16	100109	Completed
BROADWAY	175 BROADWAY	63	20	100107	Completed

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Fax # | Fax #

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BROADWAY	177 BROADWAY	63	19	100107	Completed
BROADWAY	179 BROADWAY	63	18	100107	Completed
BROADWAY	181 BROADWAY	63	17	100107	Completed
BROADWAY	183 BROADWAY	63	16	100107	Completed
BROADWAY	187 BROADWAY	63	15	100107	Completed
BROADWAY	189 BROADWAY	63	13	100107	Completed
BROADWAY	250 BROADWAY	124	24	100140	Completed
BROADWAY	265 BROADWAY	135	31	100147	Completed
CHAMBERS STREET	110 CHAMBERS STREE	136	27	100148	Completed
CHAMBERS STREET	114 CHAMBERS STREE	136	25	107916	Completed
CHAMBERS STREET	116 CHAMBERS STREE	136	24	100148	Completed
CHAMBERS STREET	118 CHAMBERS STREE	136	23	100148	Completed
CHAMBERS STREET	119 CHAMBERS STREE	145	9	100158	Completed
CHAMBERS STREET	121 CHAMBERS STREE	145	10	100158	Completed
CHAMBERS STREET	128 CHAMBERS STREE	136	16	100148	Completed
CHAMBERS STREET	143 CHAMBERS STREE	140	3	100150	Completed
CHAMBERS STREET	144 CHAMBERS STREE	137	34	100149	Completed

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NYC-WTC_000146736

CHAMBERS STREET	145 CHAMBERS STREE	140	4	100150	Completed
CHAMBERS STREET	146 CHAMBERS STREE	137	33	100149	Completed
CHAMBERS STREET	148 CHAMBERS STREE	137	32	100149	Completed
CHAMBERS STREET	150 CHAMBERS STREE	137	7501	100149	Completed
CHAMBERS STREET	154 CHAMBERS STREE	137	29	100149	Completed
CHAMBERS STREET	155 CHAMBERS STREE	140	9	100150	Completed
CHAMBERS STREET	156 CHAMBERS STREE	137	28	100149	Completed
CHAMBERS STREET	92 CHAMBERS STREET	135	20	100146	Completed
CHAMBERS STREET	96 CHAMBERS STREET	135	18	100146	Completed
CHAMBERS STREET	97 CHAMBERS STREET	149	12	100163	Completed
CHAMBERS STREET	98 CHAMBERS STREET	135	17	106618	Completed
CHURCH STREET	100 CHURCH STREET	125	20	100140	Completed
CHURCH STREET	111 CHURCH STREET	124	12	100140	Completed
CHURCH STREET	200 CHURCH STREET	147	28	100161	Completed
CORTLANDT STREET	10 CORTLANDT STREE	63	1	107896	Completed
DEY STREET	5 DEY STREET	63	12	100107	Completed
DUANE STREET	131 DUANE STREET	147	2	100160	Completed

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NYC-WTC_000146737

FULTON STREET	112 FULTON STREET	78	49	100121	Completed
GREENWICH STREET	141 GREENWICH STREE	52	22	107570	Completed
JOHN STREET	17 JOHN STREET	79	10	100121	Completed
MURRAY STREET	41 MURRAY STREET	133	7501	100144	Completed
MURRAY STREET	45 MURRAY STREET	133	7	100143	Completed
MURRAY STREET	47 MURRAY STREET	133	8	100143	Completed
MURRAY STREET	49 MURRAY STREET	133	7503	100143	Completed
MURRAY STREET	51 MURRAY STREET	133	10	100143	Completed
MURRAY STREET	53 MURRAY STREET	133	11	100143	Completed
MURRAY STREET	59 MURRAY STREET	133	15	108202	Completed
MURRAY STREET	75 MURRAY STREET	132	6	100142	Completed
NASSAU STREET	113 NASSAU STREET	90	17	100125	Completed
PARK PLACE	19 PARK PLACE	124	8	100140	Completed
PARK PLACE	43 PARK PLACE	126	8	100141	Completed
PARK PLACE	45 PARK PLACE	126	9	107914	Completed
PARK ROW	1 PARK ROW	90	1	108594	Completed
PARK ROW	15 PARK ROW	90	7501	100124	Completed

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READE STREET	104 READE STREET	146	7503	100159	Completed
READE STREET	105 READE STREET	145	18	100158	Completed
READE STREET	109 READE STREET	145	7503	107780	Completed
READE STREET	110 READE STREET	146	10	100159	Completed
READE STREET	111 READE STREET	145	16	100158	Completed
READE STREET	112 READE STREET	146	11	100159	Completed
READE STREET	113 READE STREET	145	15	100158	Completed
READE STREET	92 READE STREET	146	1	100159	Completed
READE STREET	94 READE STREET	146	2	100159	Completed
SOUTH END AVENUE	2 SOUTH END AVENUE	16	7511	108281	Completed
SOUTH END AVENUE	250 SOUTH END AVEN	16	7503	106508	Completed
VESEY STREET	12 VESEY STREET	88	2	100123	Completed
VESEY STREET	18 VESEY STREET	88	4	100123	Completed
VESEY STREET	26 VESEY STREET	88	8	100123	Completed
WARREN STREET	22 WARREN STREET	135	10	100146	Completed
WARREN STREET	26 WARREN STREET	135	11	100146	Completed
WARREN STREET	49 WARREN STREET	133	22	107915	Completed

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WARREN STREET	53 WARREN STREET	133	21	100144	Completed
WARREN STREET	54 WARREN STREET	136	11	100147	Completed
WARREN STREET	55 WARREN STREET	133	12	100144	Completed
WARREN STREET	56 WARREN STREET	136	12	100147	Completed
WARREN STREET	86-90 WARREN STREET	137	10	180548	Completed
WARREN STREET	92 WARREN STREET	137	13	107916	Completed
WARREN STREET	92 WARREN STREET	137	13	107916	Completed
WEST BROADWAY	30 WEST BROADWAY	127	1	100141	Completed
WILLIAM STREET	123 WILLIAM STREET	78	4	107906	Completed
WILLIAM STREET	123 WILLIAM STREET	78	4	107906	Completed

AREA 2

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
ANN STREET	15 ANN STREET	90	24	100126	Completed
ANN STREET	17 ANN STREET	90	23	100126	Completed
ANN STREET	21 ANN STREET	90	21	100125	Completed
ANN STREET	35 ANN STREET	92	23	100127	Completed

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ANN STREET	47 ANN STREET	92	17	100127	Completed
ANN STREET	49 ANN STREET	92	14	107909	Completed
ANN STREET	55 ANN STREET	92	13	100127	Completed
ANN STREET	57 ANN STREET	92	10	100127	Completed
BEEKMAN STREET	25 BEEKMAN STREET	92	34	100127	Completed
BEEKMAN STREET	5 BEEKMAN STREET	90	14	107907	Completed
BROADWAY	176 BROADWAY	65	17	100110	Completed
BROADWAY	180 BROADWAY	65	18	100110	Completed
BROADWAY	182 BROADWAY	65	19	100110	Completed
BROADWAY	192 BROADWAY	79	15	100121	Completed
BROADWAY	196 BROADWAY	79	16	100121	Completed
BROADWAY	198 BROADWAY	79	18	100122	Completed
BROADWAY	202 BROADWAY	79	19	100122	Completed
BROADWAY	204 BROADWAY	79	21	100122	Completed
DUTCH STREET	15 DUTCH STREET	78	7504	100119	Completed
DUTCH STREET	7 DUTCH STREET	78	26	100119	Completed
FULTON STREET	104 FULTON STREET	78	21	100119	Completed

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FULTON STREET	111 FULTON STREET	91	1	100126	Completed
FULTON STREET	114 FULTON STREET	78	7501	100120	Completed
FULTON STREET	118 FULTON STREET	78	46	100120	Completed
FULTON STREET	119 FULTON STREET	91	8	100126	Completed
FULTON STREET	120 FULTON STREET	78	45	100120	Completed
FULTON STREET	121 FULTON STREET	91	9	107908	Completed
FULTON STREET	122 FULTON STREET	78	44	100120	Completed
FULTON STREET	123 FULTON STREET	91	9	100126	Completed
FULTON STREET	125 FULTON STREET	91	11	107921	Completed
FULTON STREET	127 FULTON STREET	91	12	100126	Completed
FULTON STREET	141 FULTON STREET	89	2	100124	Completed
FULTON STREET	143 FULTON STREET	89	3	100124	Completed
FULTON STREET	70 FULTON STREET	76	28	100118	Completed
FULTON STREET	81 FULTON STREET	93	1	100128	Completed
FULTON STREET	90 FULTON STREET	77	23	100119	Completed
FULTON STREET	92 FULTON STREET	77	22	100119	Completed
FULTON STREET	94 FULTON STREET	77	21	107921	Completed

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GOLD STREET	44 GOLD STREET	76	25	100118	Completed
GOLD STREET	80 GOLD STREET	94	1	108335	Completed
JOHN STREET	12 JOHN STREET	65	20	100110	Completed
JOHN STREET	15 JOHN STREET	79	14	100121	Completed
JOHN STREET	20 JOHN STREET	65	22	100110	Completed
JOHN STREET	24 JOHN STREET	65	24	100110	Completed
JOHN STREET	39 JOHN STREET	78	35	100120	Completed
JOHN STREET	41 JOHN STREET	78	7502	107570	Completed
JOHN STREET	44 JOHN STREET	67	30	100111	Completed
MAIDEN LANE	101 MAIDEN LANE	68	10	100112	Completed
MAIDEN LANE	15 MAIDEN LANE	65	7	100109	Completed
MAIDEN LANE	21 MAIDEN LANE	65	6	100109	Completed
MAIDEN LANE	25 MAIDEN LANE	65	4	100109	Completed
MAIDEN LANE	75 MAIDEN LANE	68	11	100111	Completed
MAIDEN LANE	83 MAIDEN LANE	68	7	100111	Completed
MAIDEN LANE	9 MAIDEN LANE	65	10	100109	Completed
MAIDEN LANE	95 MAIDEN LANE	68	18	100112	Completed

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NASSAU STREET	111 NASSAU STREET	90	18	100125	Completed
NASSAU STREET	116 NASSAU STREET	92	24	107909	Completed
NASSAU STREET	118 NASSAU STREET	92	26	100127	Completed
NASSAU STREET	120 NASSAU STREET	92	27	100127	Completed
NASSAU STREET	122 NASSAU STREET	92	28	100127	Completed
NASSAU STREET	124 NASSAU STREET	92	29	100127	Completed
NASSAU STREET	63 NASSAU STREET	65	2	100109	Completed
NASSAU STREET	80 NASSAU STREET	78	7503	100120	Completed
NASSAU STREET	83 NASSAU STREET	79	3	100121	Completed
NASSAU STREET	85 NASSAU STREET	79	2	100121	Completed
NASSAU STREET	86 NASSAU STREET	78	40	100120	Completed
NASSAU STREET	86.5 NASSAU STREET	78	41	100120	Completed
NASSAU STREET	87 NASSAU STREET	79	1	100121	Completed
NASSAU STREET	88 NASSAU STREET	78	42	100120	Completed
NASSAU STREET	94 NASSAU STREET	91	13	100126	Completed
PARK ROW	29 PARK ROW	90	10	100125	Completed
PARK ROW	34 PARK ROW	90	13	100125	Completed

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PEARL STREET	205 PEARL STREET	68	7501	100112	Completed
PEARL STREET	211 PEARL STREET	69	6	100112	Completed
PEARL STREET	212 PEARL STREET	70	20	100113	Completed
PEARL STREET	213 PEARL STREET	69	5	100111	Completed
PEARL STREET	215 PEARL STREET	68	4	100111	Completed
PINE STREET	50 PINE STREET	41	7501	100101	Completed
PLATT STREET	12 PLATT STREET	69	23	107905	Completed
PLATT STREET	12 PLATT STREET	69	23	107905	Completed
PLATT STREET	12 PLATT STREET	69	23	107905	Completed
WILLIAM STREET	130 WILLIAM STREET	77	15	100118	Completed
WILLIAM STREET	136 WILLIAM STREET	77	18	100118	Completed
WILLIAM STREET	156 WILLIAM STREET	93	20	100128	Completed
WILLIAM STREET	161 WILLIAM STREET	92	5	100126	Completed
WILLIAM STREET	164 WILLIAM STREET	93	24	100128	Completed
WILLIAM STREET	167 WILLIAM STREET	92	3	100126	Completed

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AREA 3

Street Name	ADDRESS	BLOCK	LOT	BIN	CleanUp Required
ALBANY STREET	300 ALBANY STREET	16	7504	100043	Completed
BATTERY PLACE	17 BATTERY PLACE	15	7501	108263	Completed
BEAVER STREET	48 BEAVER STREET	29	7501	107899	Completed
BEAVER STREET	52 BEAVER STREET	29	7501	107899	Completed
BROAD STREET	20 BROAD STREET	23	50	100081	Completed
BROAD STREET	41 BROAD STREET	25	10	100082	Completed
BROAD STREET	45 BROAD STREET	25	7	100082	Completed
BROAD STREET	50 BROAD STREET	24	36	100082	Completed
BROAD STREET	60 BROAD STREET	24	1	100081	Completed
BROADWAY	209 BROADWAY	87	1	100123	Completed
BROADWAY	47 BROADWAY	20	12	100080	Completed
BROADWAY	49 BROADWAY	20	13	100080	Completed
BROADWAY	50 BROADWAY	22	24	100081	Completed
EXCHANGE PLACE	40 EXCHANGE PLACE	25	27	100082	Completed

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GREENWICH STREET	133 GREENWICH STREE	52	8	107900	Completed
GREENWICH STREET	135 GREENWICH STREE	52	8	107900	Completed
GREENWICH STREET	67 GREENWICH STREE	19	11	100079	Completed
GREENWICH STREET	94 GREENWICH STREE	53	41	100105	Completed
GREENWICH STREET	94.5 GREENWICH STRE	53	40	100105	Completed
GREENWICH STREET	96 GREENWICH STREE	53	39	100105	Completed
LIBERTY STREET	110 LIBERTY STREET	52	7501	100104	Completed
LIBERTY STREET	114 LIBERTY STREET	52	7502	100104	Completed
LIBERTY STREET	120 LIBERTY STREET	52	21	100104	Completed
LIBERTY STREET	33 LIBERTY STREET	66	1	100110	Completed
MAIDEN LANE	10 MAIDEN LANE	64	21	100109	Completed
MAIDEN LANE	22 MAIDEN LANE	64	2	100108	Completed
MAIDEN LANE	80 MAIDEN LANE	42	31	100101	Completed
MAIDEN LANE	90 MAIDEN LANE	42	36	100101	Completed
NASSAU STREET	49 NASSAU STREET	64	7	100108	Completed
NASSAU STREET	53 NASSAU STREET	64	5	100108	Completed
NASSAU STREET	55 NASSAU STREET	64	4	100108	Completed

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NEW STREET	42 NEW STREET	24	19	100081	Completed
PINE STREET	60 PINE STREET	41	15	100100	Completed
RECTOR PLACE	333 RECTOR PLACE	16	80	100005	Completed
RECTOR STREET	11 RECTOR STREET	19	21	100080	Completed
TRINITY PLACE	104 TRINITY PLACE	52	15	100103	Completed
TRINITY PLACE	112 TRINITY PLACE	52	30	100104	Completed
WALL STREET	14 WALL STREET	46	9	100102	Completed
WALL STREET	26 WALL STREET	43	6	100102	Completed
WALL STREET	30 WALL STREET	43	5	100101	Completed
WALL STREET	45 WALL STREET	26	21	100082	Completed
WALL STREET	63 WALL STREET	27	9	100082	Completed
WASHINGTON STREE	90 WASHINGTON STRE	17	29	100079	Completed
WATER STREET	130 WATER STREET	39	7501	100088	Completed
WILLIAM STREET	52 WILLIAM STREET	40	16	100100	Completed
WILLIAM STREET	60 WILLIAM STREET	41	22	100101	Completed
WILLIAM STREET	62 WILLIAM STREET	41	24	100101	Completed

TOTAL # OF BUILDINGS CLEANED = 221

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