ENVIRONMENTAL TECHNOLOGIES
a Division, COLE CONSULTING CORPORATION

Elmsford Executive Park, Building 5
2269 Saw Mill River Road ■ Elmsford, New York 10523
TELEPHONE 914 • 345 • 8000 ■ FACSIMILE 914 • 345 • 0045

February 19th, 2003

Mr. Andrew Confortini
EPA Quad B Leader
USEPA, 17TH Floor
290 Broadway
New York, NY. 10007-1866

Re: **WTC HVAC Report for 118 Chambers Street**

Confirmation #002250660196

Date of Inspection : 2/12/03

Dear Mr. Confortini,

According to visual inspection conducted by our HVAC Specialist Duct Dusters Air Duct Cleaning, Environmental Technologies Division, Cole Consulting Corp hereby recommend that no equipment should be cleaned because WTC dust was not found in the equipments.

All systems were not impacted. Please note that there are **four (4) Passive Shaft/Duct units in this building. This constitutes four (4) inspections.** Thus we have a total of **four (4) inspections** in this building.

Please do not hesitate to call me if you have any question with this report.

Yours truly,
Environmental Technologies

John Anuforo
Division Manager

VENTILATION SYSTEM EVALUATION FORM

Please complete this form in accordance with instructions in the accompanying guidance document

Part 1.0 General Information

Date of evaluation: 2/12/03	Building contact name and phone:
Evaluation team (list name and affiliation):	
	(Environmental professional)
TONY GALLO - DUST DUSTERS	(HVAC professional)
Building address:	Type of Facility (check all that apply):
118 CHAMBERS ST	✓ Residential
NEW YORK, NY.	Multi-use
	Other (describe)
Date of construction:	
Number of residential units:	Number of floors: 6
Prior inspection report/maintenance records available for review?:	
Other comments	

Ventilation system types (check all that apply and indicate total no. of units)

Central ventilation system Est. no. of units	Mechanical exhaust system Est. no. of units
Mechanical make-up air system Est. no. of units	Passive shaft/duct Est. no. of units 4
Other (describe)	

I certify that to the best of my knowledge, the information and observations recorded on this form including all attachments are a true and accurate representation of site conditions.

Ventilation System (HVAC) Evaluator **Date** 2/12/03

Part 2.0 Visual Inspection Forms

Use the attached forms to document visual inspections. Complete the forms in accordance with instructions in the accompanying guidance document.

Accessible turning vanes Est. total qty_____ No. locations inspected			NP
Return air grilles Est. total qty 1 No. locations inspected 1	Y	N	

2.1 Central Ventilation System Visual Inspection Form

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component ξ not present ξ not found ξ inaccessible
Other (specify):			

Other Information:

Filter loading (light, moderate, heavy): MODERATE

Abraded/delaminated acoustical lining

Filter bypass (describe)

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC DUST FOUND.

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.4 Passive Shaft/Duct Visual Inspection Form

Passive Shaft/Duct Identification: #1

Location: Roof | Area Served:

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component ξ not present ξ not found ξ inaccessible
Outside air intake (if servicing supply air): Location:			
Accessible for inspection? Y____ N____ (explain):			
louvers, grates, screens or weather cap			
Exhaust outlet/louver (if servicing exhaust air): Location: ROOF			
Accessible for inspection? Y ✓ N____ (explain):	Y	N	
louvers, grates, screens or weather cap	Y	N	
Supply air distribution (if servicing supply air):			
Supply air outlet(s) Est. total qty____ No. locations inspected____			
Specify shaft substrate (circle): metal fibrous glass lined metal masonry fibrous glass board flex-duct wood			
Accessible fire dampers Est. total qty____ No. locations inspected____			
Pipes/mechanical equipment, etc. located in shaft	P		
Return air distribution (if servicing exhaust air):			
Exhaust air inlet(s) Est. total qty 4 No. locations inspected 0			
Specify shaft substrate (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood			I
Accessible fire dampers Est. total qty____ No. locations inspected____			ND
Pipes/mechanical equipment, etc. located in shaft			ND
Other (specify):			

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC DUST FOUND

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.4 Passive Shaft/Duct Visual Inspection Form

Passive Shaft/Duct Identification: #2

Location: Roof

Area Served:

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component ξ not present ξ not found ξ inaccessible
Outside air intake (if servicing supply air): Location:			
Accessible for inspection? Y____ N_____(explain):			
louvers, grates, screens or weather cap			
Exhaust outlet/louver (if servicing exhaust air): Location Roof			
Accessible for inspection? Y ✓ N____(explain):	Y	N	
louvers, grates, screens or weather cap	Y	N	
Supply air distribution (if servicing supply air):			
Supply air outlet(s) Est. total qty ____ No. locations inspected____			
Specify shaft substrate (circle): metal fibrous glass lined metal masonry fibrous glass board flex-duct wood			
Accessible fire dampers Est. total qty No. locations inspected			
Pipes/mechanical equipment, etc. located in shaft	P		
Return air distribution (if servicing exhaust air):			
Exhaust air inlet(s) Est. total qty 4 No. locations inspected 0			
Specify shaft substrate (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood			I
Accessible fire dampers Est. total qty No. locations inspected			NP
Pipes/mechanical equipment, etc. located in shaft			NP
Other (specify):			

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC DUST FOUND

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.4 Passive Shaft/Duct Visual Inspection Form

Passive Shaft/Duct Identification: #3

Location: Roof

Area Served:

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component ξ not present ξ not found ξ inaccessible
Outside air intake (if servicing supply air): Location:			
Accessible for inspection? Y____ N____ (explain):			
louvers, grates, screens or weather cap			
Exhaust outlet/louver (if servicing exhaust air): Location: Roof			
Accessible for inspection? Y ✓ N____ (explain):	Y	N	
louvers, grates, screens or weather cap	Y	N	
Supply air distribution (if servicing supply air):			
Supply air outlet(s) Est. total qty____ No. locations inspected____			
Specify shaft substrate (circle): metal fibrous glass lined metal masonry fibrous glass board flex-duct wood			
Accessible fire dampers Est. total qty No. locations inspected			
Pipes/mechanical equipment, etc. located in shaft	P		
Return air distribution (if servicing exhaust air):			
Exhaust air inlet(s) Est. total qty 4 No. locations inspected 0			
Specify shaft substrate (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood			I
Accessible fire dampers Est. total qty No. locations inspected			NP
Pipes/mechanical equipment, etc. located in shaft			NP
Other (specify):			

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC DUST FOUND

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.4 Passive Shaft/Duct Visual Inspection Form

Passive Shaft/Duct Identification: #4

Location: Roof

Area Served:

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component ξ not present ξ not found ξ inaccessible
Outside air intake (if servicing supply air): Location:			
Accessible for inspection? Y____ N_____(explain):			
louvers, grates, screens or weather cap			
Exhaust outlet/louver (if servicing exhaust air): Location: Roof			
Accessible for inspection? Y ✓ N_____(explain):	Y	N	
louvers, grates, screens or weather cap	Y	N	
Supply air distribution (if servicing supply air):			
Supply air outlet(s) Est. total qty_____ No. locations inspected_____			
Specify shaft substrate (circle): metal fibrous glass lined metal masonry fibrous glass board flex-duct wood			
Accessible fire dampers Est. total qty No. locations inspected			
Pipes/mechanical equipment, etc. located in shaft	P		
Return air distribution (if servicing exhaust air):			
Exhaust air inlet(s) Est. total qty 4 No. locations inspected 0			
Specify shaft substrate (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood			I
Accessible fire dampers Est. total qty No. locations inspected			NP
Pipes/mechanical equipment, etc. located in shaft			NP
Other (specify):			

Other Information:

General impression (indicate recommendations for cleaning based on finding of WTC dust):

NO WTC DUST FOUND

KEY: NP = not present; NF = not found; I = inaccessible; U = unknown

2.1 Central Ventilation System Visual Inspection Form

Ventilation System Identification: LOBBY A/C

Location: LOBBY | Area Served: LOBBY

Associatedmechanical room: clean ✓ Y N dry ✓ Y N stored chemicals/refuse Y ✓ N

System Components [NOTE: if component not present (NP), not found (NF) or inaccessible (I) please indicate in last column]	Surface Dust/ Debris Present?	WTC Dust Present?	Component ξ not present ξ not found ξ inaccessible
Outside air intake: Location: Accessible for inspection? Y____N____(explain):			NP
louvers, grates and/or screens			NP
outside air duct			NP
outside air damper(s)			NP
Air handling unit:			
outside air mixing chamber			NP
filter rack(s)	Y	N	
filter media	Y	N	
blower assembly incl. blower wheel, blower housing, air vanes, in-line noise attenuators	Y	N	
blower housing acoustical lining	Y	N	
pre-heat coils			NP
heating coils			NP
cooling coils	Y	N	
re-heat coils			NP
condensate drain pan	Y	N	
supply air plenum	Y	N	
supply air plenum damper(s)			NP
vibration collars			NP
Supply air distribution: Supply air ducts Est. total ln ft 50 No. locations inspected____ Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Accessible in-line fire dampers Est. total qty____ No. locations inspected			NP
Accessible turning vanes Est. total qty____ No. locations inspected			NP
In-line reheat/cooling coils Est. total qty____ No. locations inspected			NP
Supply air diffusers Est. total qty 2 No. locations inspected 2	Y	N	
Return air distribution: Return air ducts Est. total ln ft 2 No. locations inspected 1 Specify type (circle): (metal) fibrous glass lined metal masonry fibrous glass board flex-duct wood	Y	N	
Return air plenum Est. total RA plenum areas____ No. locations inspected			NP
Return air plenum damper Est. total qty____ No. locations inspected			NP
Accessible in-line fire dampers Est. total qty____ No. locations inspected			NP