

January 8, 2003

Sent via Fax & Email: (914) 345-0045

Mr. John Anuforo
Cole Consulting
2269 Saw Mill River Road
Elmsford, NY 10523

Re: WTC Reports for 45 Wall Street

Dear Mr. Anuforo:

According to the visual inspection done by DJH Mechanical Associates Ltd., hereby we recommend the following items to be cleaned:

- Outside louvers and grilles
- Indoor plenum
- System blower wheels and coils
- Air distribution system
- Delivery grilles and registers

The above-mentioned items are located on the Sub-Basement and 30th floor mechanical room, therefore; we recommend this equipment should be cleaned.

All floors above the 2nd floor through the 28th floors are equipped with self contained incremental units.

Yours truly,

Dennis Hazlehurst
President

CC: Sam Mathew, DJH Project Manager

January 9, 2003

Sent via Fax & Email: (914) 345-0045

Mr. John Anuforo
Cole Consulting
2269 Saw Mill River Road
Elmsford, NY 10523

Re: WTC Reports for 45 Wall Street

Dear Mr. Anuforo:

According to visual inspection DJH Mechanical Associates Ltd , hereby recommend that following item be cleaned:

- Outside louvers and grilles
- Indoor plenum
- System blower wheels and coils
- Air distribution system
- Delivery grilles and registers

All the items are located on the 1st floor and Sub-Basement. Additionally, the 30th floor mechanical room evidences traces of WTC debris. Therefore we recommend that this equipment be cleaned.

All floors above the 2nd floor through the 28th floors are equipped with self contained incremental units.

Yours truly,
DJH Mechanical Associates Ltd.

Dennis Hazlehurst
President

CC:
Sam Mathew
Project Manager

Summary Of the Report on 45 Wall Street by DJH Mechanical Associates Ltd.

09-24-02	3 Reports
09-25-2	4 Reports
09-26-02	3 Reports
09-27-02	4 Reports
09-30-02	3 Reports
10-01-02	3 Reports
10-02-02	3 Reports
10-03-02	3 Reports
10-04-02	3 Reports
10-07-02	3 Reports
10-08-02	3 Reports
10-09-02	3 Reports
10-10-02	4 Reports
10-11-02	3 Reports

Total Days: 14

Total Reports: 44

Total Photos: 11 Digital Photos

Please note all 44 reports and photos have been e-mailed to : Johnanuforo@yahoo.com

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-27-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
3rd Floor Laundry Rooms			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Others		☐ Passive shaft/duct	
Unit Ventilator		HVAC Shut Down: System Didn't Shutdown	
One small unit ventilator is hanging on the ceiling and providing the cool air.		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 3rd Floor Laundry Rooms	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Unit Ventilator in common spaces

Ventilation System Identification: Make: McQuay M#CCH/MWH024CMGS Serial No. 76F03804-08						
Location: 3rd Floor Ceiling				Serve:- Serving cool air to 3rd Floor Laundry Room.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Nil	Nil	Nil	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 5%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit ventilator hanging on the ceiling and providing the cool air. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-27-02 Report #2		Building contact name and phone: Walter Grzybnska/ (212) 269-3003	
3rd Floor Laundry Rooms			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
There is a small pump fixed on the window providing heat. There is no evidence for the WTC Dust. We cannot find any model no. and serial no. because they have painted the unit.		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 3rd Floor Laundry Rooms	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ No (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay <We can't Find> Serial No : < we can't find>	
Location: 3rd Floor Window	Serve:- Serving heat air to 3rd Floor Laundry Room.
Access adequate for inspection of components: NO. Since it is painted we, can't open it as the nuts and bolts are jammed.	

4.0 Conclusions/ Recommendations:-

General Impression: There is a small heat pump on the window providing the heat. There is no access to look for fresh air intake. There is no evidence for WTC-related dust.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 09-27-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
30 th Floor Elevator			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC	Number of floors: 29 + 2(b)
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☒ Central ventilation system	
☒ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
This unit heat pumps in the floor supplying heat and cool to the 30 th Floor.		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: YES	Location: 30 th Floor Elevator	System Cleaned: No.	
Outside air intake accessible ☒ Yes ☐ No (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - One(1)	Location of Air Intakes: - North side of the Elevator Room
Floor Served: - N/A	Whether Intakes at Street Level: -N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: -N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th - 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th - 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#LPH/VWH12DMDR Serial No. 76G09249-07						
Location: 30 th Floor Elevator			Serve: - Serving heat and cool air to the Gym, Kitchen and Club.			
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W - White B - Brown G - Grey B - Black	Light ($\leq 1/16$ inch depth)	Heavy ($\geq 1/16$ inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Sheet Metal	B & G	$\leq 1/16$ inch	----	Yes	10%
Fresh Air Intake Grille	Sheet Metal	B & G	$\leq 1/16$ inch	----	Yes	10%
Return air plenum	Sheet Metal	White Dust on Top	$\leq 1/16$ inch		Yes	15 %
Filter rack	Sheet Metal	B & G	$\leq 1/16$ inch	----	Yes	15%
Filter media	Fiberglass Disposable 24x30x1	BG	$\leq 1/16$ inch			
Blower assembly	Sheet Metal	B	$\leq 1/16$ inch	----	Yes	
Thermal coils	Aluminum Copper	B & G	$\leq 1/16$ inch		Yes	
Supply air plenum	Sheet Metal	W	$\leq 1/16$ inch		Yes	
Supply air diffuser	Sheet Metal	G	$\leq 1/16$ inch			
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: Unit is in direct path of W.T.C dust and debris and evidence still is lying around. Necessary safety precaution should be exercised when in contact with unit or surrounding area. There is fresh air intake. Cleaning is necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 09-27-02 Report #4		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
30th Floor Elevator Gym and Club			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☒ Central ventilation system	
☒ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
This unit heat pumps in the floor supplying heat and cool to the Gym and Club in 30 th Floor .		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 30th Floor Elevator Gym and Club	System Cleaned: No.	
Outside air intake accessible ☒ Yes ☐ No (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M# VWHFCV060BMFL Serial No. 76F05134-03						
Location: 30th Floor Elevator Gym and Club				Serve: - Serving heat and cool air to the Gym and Club.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Sheet Metal	B & G	$\leq 1/16$ inch	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Sheet Metal	B & G	$\leq 1/16$ inch	----	No	-----
Filter media	Fiberglass Disposable 24x30x1	BG	$\leq 1/16$ inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	$\leq 1/16$ inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	$\leq 1/16$ inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: This unit provides heat and cool air to the Gym and Club Room. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-30-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
4th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 4th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04558-03						
Location: 4th Floor Closet			Serve: - Serving heat and cool air to Corridor.			
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	----	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 14%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-30-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
4th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 4th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04558-03						
Location: 4th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	---	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 14%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-30-02 Report #2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
5th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 5th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04557-03						
Location: 5th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	-----	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 10%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-30-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
6th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 6th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04569-03						
Location: 6th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	-----	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 10%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-01-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
7th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 7th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04551-03						
Location: 7th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	-----	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 10%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-01-02 Report #2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
8th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 8th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04514-03						
Location: 8th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	—	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-01-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
9th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 9th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> x No (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04581-03						
Location: 9th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	—	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-02-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
10th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 10th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04572-03						
Location: 10th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	—	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 5%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10-02-02 Report #2		Building contact name and phone: Walter Grzybnska/ (212) 269-3003	
11th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 11th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> x No (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04555-03						
Location: 11th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	---	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 5%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10-02-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
12th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 12th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04585-03						
Location: 12th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	-----	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 5%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10-03-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
14th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 14th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04582-03						
Location: 14th Floor Closet				Serve: - Serving heat and cool air to Corridor.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	----	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10-03-02 Report #2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
15th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 15th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> x No (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A04570-03						
Location: 15th Floor Closet			Serve: - Serving heat and cool air to Corridor.			
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	—	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10-10-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
19th Floor Laundry			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) There is a small pump fixed on the window providing heat. There is no evidence for the WTC Dust. We cannot find any model no. and serial no. because they have painted the unit.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 19th Floor Laundry Room	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> x No (explain). There is no access to outside air intakes			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay <We can't Find> Serial No : < we can't find>	
Location: 19th Floor Window	Serve:- Serving heat air to 19th Floor Laundry Room.
Access adequate for inspection of components: NO. Since it is painted we, can't open it as the nuts and bolts are jammed.	

4.0 Conclusions/ Recommendations:-

General Impression: There is a small heat pump on the window providing the heat. There is no access to look for fresh air intake. There is no evidence for WTC-related dust.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-10-02 Report #2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
19th Floor Laundry Rooms			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Others		☐ Passive shaft/duct	
Unit Ventilator		HVAC Shut Down: System Didn't Shutdown	
One small unit ventilator is hanging on the ceiling and providing the cool air.		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 19th Floor Laundry Rooms	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Unit Ventilator in common spaces

Ventilation System Identification: Make: McQuay M#CCH/HWH024CMGS Serial No. 76B00254-08						
Location: 19th Floor Ceiling				Serve:- Serving cool air to 19TH Floor Laundry Room.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Nil	Nil	Nil	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 10%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit ventilator hanging on the ceiling and providing the cool air. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-10-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
20th Floor Elevator Floor			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 20th Floor Elevator Floor	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#LHP120MD05 Serial No. 76M06991-07						
Location: 20th Floor Elevator Floor				Serve: - Serving heat and cool air to Elevator Room.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Sheet Metal	B & G	≤ 1/16 inch	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 35%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the elevator room providing heat and cool air. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-10-02 Report #4		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
29th Floor Club Kitchen			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
This is a unit heat pump supplying heat and cool to the Club Kitchen.		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 29th Floor Club Kitchen	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#WMH012CMGL Serial No. 77A00845-05						
Location: 29th Floor Club Kitchen				Serve: - Serving heat and cool air to the Club Kitchen.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W - White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Sheet Metal	B & G	$\leq 1/16$ inch	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	$\leq 1/16$ inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	$\leq 1/16$ inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	$\leq 1/16$ inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 25%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the kitchen providing the heat and cool air. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10-11-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
29th Floor Club (4 Units)			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
There are 4 unit heat pumps in the floor supplying heat and cool to the Club room.		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 29th Floor Club(4 Units)	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#WMH019CMGR Serial No. 77B06691-04; M#WMH019CMGR Serial No. 77B06690-04; M#WMH019CMGR Serial No. 77B06689-04; M#WMH019CMGR Serial No. 77B06680-04						
Location: 29th Floor Club (4 Units)				Serve: - Serving heat and cool air to the Club Room.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Nil	Nil	Nil	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 35%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There are 4 unit pump in the Club Room providing heat and cool air. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10-11-02 Report #2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
29th Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
There are two unit heat pumps supplying heat and cool to the 29 th Floor Hallway.		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 29th Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M# WMHO19CMGL Serial No. 77B06683-04 ; M# WMHO19CMGL Serial No. 77B06685-04						
Location: 29th Floor Hallway				Serve: - Serving heat and cool air to the Hallway.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W - White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Nil	Nil	-----	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 25%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There are two units in the Hallway providing the heat and cool air. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10-11-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
29 th Floor Gym (5 Units)			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) There are 5 unit heat pumps in the floor supplying heat and cool to the Gym.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 29th Floor Gym (5 Units)	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) There is no fresh intakes.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#WMH019CMGR Serial No. 77B06687-04; M#WMH019CMGR Serial No. 77A05366-04; M#WMH019CMGR Serial No. 77B06688-04; M#WMH019CMGR Serial No. 77A05365-04; M#WMH019CMGR Serial No. 77B06686-04						
Location: 29th Floor Gym (5 Units)				Serve: - Serving heat and cool air to the Gym Room.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W - White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Nil	Nil	Nil	---	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 25%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There are 5 unit pumps in the Gym Room providing heat and cool air. There is no fresh air intake. Cleaning is not necessary.

Summary Of the Report on 45 Wall Street by DJH Mechanical Associates Ltd.

09-24-02	3 Reports
09-25-2	4 Reports
09-26-02	3 Reports
09-27-02	4 Reports
09-30-02	3 Reports
10-01-02	3 Reports
10-02-02	3 Reports
10-03-02	3 Reports
10-04-02	3 Reports
10-07-02	3 Reports
10-08-02	3 Reports
10-09-02	3 Reports
10-10-02	4 Reports
10-11-02	3 Reports

Total Days:- 14	Total Reports:- 44
	11 Digital Photos

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-24-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
Boiler Room Sub-Cellar (Two)			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional:			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: Workshop Room	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> <u>x</u> No (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV0368MGL Serial No. 77E06902-03						
Location: Boiler Room Sub-Cellar (TWO) – Workshop Room						
Access adequate for inspection of components: Yes						
A	B	C	D	Dust/Dirt/Debris	Suspect WTC-Related Dust	
	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Nil	Nil	Nil	Nil	Nil	Nil
Fresh Air Intake Grille						

Return air plenum	Nil	Nil	Nil	Nil	Nil	Nil
Filter rack	Nil	Nil	Nil	Nil	Nil	Nil
Filter media	Fiberglass Disposable 20x25x2	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	Nil	Nil
Thermal coils	Nil	Nil	Nil	Nil	Nil	Nil
Supply air plenum	Nil	Nil	Nil	Nil	Nil	Nil
Supply air diffuser	Nil	Nil	Nil	Nil	Nil	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage: - No			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: - No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 Conclusions/ Recommendations:-

General Impression: One small unit in the room and providing heat and cool air. There is no fresh air intake. There is no evidence for WTC Dust. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-25-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
Boiler Room Sub-Cellar (Two)			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional:			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: LOCKER ROOM	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> <u>x</u> <u>No</u> (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#CCH036CMGS Serial No. 77A08182-09						
Location: Boiler Room Sub-Cellar (TWO) – Locker Room						
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Nil	Nil	Nil	Nil	No	

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	Nil	Nil
Return air plenum	Nil	Nil	Nil	Nil	Nil	Nil
Filter rack	Nil	Nil	Nil	Nil	Nil	Nil
Filter media	Fiberglass Disposable 20x25x2	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	Nil	Nil
Thermal coils	Nil	Nil	Nil	Nil	Nil	Nil
Supply air plenum	Nil	Nil	Nil	Nil	Nil	Nil
Supply air diffuser	Nil	Nil	Nil	Nil	Nil	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage:- No			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- No			

4.0 Conclusions/ Recommendations:-

General Impression: One small unit in the room and providing heat and cool air. There is no fresh air intake. There is no evidence for WTC Dust. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-25-02 Report #2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
Boiler Room Sub-Cellar (Two)			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional:			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: GOLF RANGE	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> x <u>No</u> (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#CCH024CMGS Serial No. 76L06349-08						
Location: Boiler Room Sub-Cellar (TWO) – Golf Range						
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Nil	Nil	Nil	Nil	No	

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	Nil	Nil
Return air plenum	Nil	Nil	Nil	Nil	Nil	Nil
Filter rack	Nil	Nil	Nil	Nil	Nil	Nil
Filter media	Fiberglass Disposable 20x25x2	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	Nil	Nil
Thermal coils	Nil	Nil	Nil	Nil	Nil	Nil
Supply air plenum	Nil	Nil	Nil	Nil	Nil	Nil
Supply air diffuser	Nil	Nil	Nil	Nil	Nil	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage :- No			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- No			

4.0 Conclusions/ Recommendations:-

General Impression: One small unit in the room and providing heat and cool air. There is no fresh air intake. There is no evidence for WTC dust. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-25-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
Sub-Cellar (1st Floor)			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional:			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: COMPACTOR ROOM C1 (BASEMENT)	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain) No Fresh air intake.			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: -N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: -N/A
Individual Heating / AC unit Present or not: - NIC	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#CCH024CMGS Serial No. 77A06708-08						
Location: Sub-Cellar (One) – Compactor Room						
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Nil	Nil	Nil	Nil	No	
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 20x25x2	BG	≤ 1/16 inch		No	
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Nil	Nil	Nil	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Nil	Nil	Nil	Nil	No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage :- No			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth:- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) NO			

4.0 Conclusions/ Recommendations:-

General Impression: One small unit hanging on the ceiling and providing heat and cool air. There is no fresh air intake. There is no evidence for WTC dust. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-25-02 Report #4		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
1st Floor Lobby Opposite Elevator Bank			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional:			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: LOBBY	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - Frequent door openings of lobby entrance at Wall street.
Floor Served: - N/A	Whether Intakes at Street Level: -N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: -N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#LPH15DM05 Serial No. 76M0699-07						
Location: 1st Floor Lobby Opposite Elevator Bank						
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Sheet Metal	B & G	$\leq 1/16$ inch	—	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 20x25x2	BG	$\leq 1/16$ inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	$\leq 1/16$ inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	$\leq 1/16$ inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 20%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. There is no fresh air intake. There is no evidence for WTC dust. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-26-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
2nd Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 2nd Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u> </u> Yes <u>x</u> No (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: -N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: -N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77804507-03						
Location: 2nd Floor Closet				Serve:- Serving To Corridors.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W - White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	-----	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 5%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-26-02 Report #2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
2nd Floor Rental Office			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 2nd Floor Rental Office	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: - N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: - N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#LHP07DMD02 Serial No. 76M06999-07						
Location: 2nd Floor inside the Rental Room				Serve:- Serving heat and cool air to Rental office rooms.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading

Return air grille	Sheet Metal	B & G	$\leq 1/16$ inch	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	$\leq 1/16$ inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	$\leq 1/16$ inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	$\leq 1/16$ inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 5%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the office mechanical room providing heat and cool air. There is no evidence for WTC dust. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-26-02 Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
3rd Floor Hallway			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consulting Inc.			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: NIC Number of floors: 29 + 2(b)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room.		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 3rd Floor Hallway	System Cleaned: No.	
Outside air intake accessible <u>Yes</u> ☒ <u>No</u> (explain)			

2.0 General Description Of HVAC System

No. Of Air Intakes: - 0 (No Fresh air intakes)	Location of Air Intakes: - N/A
Floor Served: - N/A	Whether Intakes at Street Level: -N/A
No. Of Rooftop Blower/Mushroom Vents: 15	General Description: -N/A
Individual Heating / AC unit Present or not: - YES	

General Description: Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGL Serial No. 77A04593-03						
Location: 3rd Floor Closet				Serve:- Serving heat and cool air to 3rd Floor corridors.		
Access adequate for inspection of components: Yes						
A	B	C	D		Suspect WTC-Related Dust	
			Dust/Dirt/Debris			
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W - White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present ? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet Metal	B & G	≤ 1/16 inch	—	No	-----

Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24x30x1	BG	≤ 1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Nil	Nil	Nil	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤ 1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris BG (See Column C Above)			
☒ Filter loading (general impression) 5%			☒ Water damage : - NO			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth :- No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) :- NO			

4.0 Conclusions/ Recommendations:-

General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/03/02, Report # 2		Building contact name and phone: Walter Grzybnska/ (212) 269-3003	
15th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 15th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> ☒ <u>No</u> (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 7780457003						
Location: 15th floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	—	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil

Other Information: Unit needs proper cleaning

☒ Unit cycled prior to inspection Yes	☒ Color of Dust/Dirt/Debris: (see column C)
☒ Filter loading (general impression) 10%	☒ Water damage: None
☒ Filter bypass (describe) N/A	☒ Visible suspect mold growth: No
☒ Abraded/delaminated acoustical lining No	☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No

4.0 **General Impression:** There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three(3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/03/02, Report #3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
16th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 16th Floor hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh intakes)	Location of Air Intakes:- N/A
Floor Served: - N/A	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGL Serial No. 7780458903						
Location: 16th floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	—	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil

Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: BG (see column C)			
☒ Filter loading (general impression) 5%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/04/02, Report#2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
18th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 18th Floor hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh intakes)	Location of Air Intakes:- N/A
Floor Served: - N/A	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 7780457803						
Location: 18th floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil

Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: BG (see column C)			
☒ Filter loading (general impression): 10%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/04/02, Report#3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
19th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 19th Floor hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh intakes)	Location of Air Intakes:- N/A
Floor Served: - N/A	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 7780456203						
Location: 19th floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil

Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: BG (see column C)			
☒ Filter loading (general impression) 5%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10/07/02, Report#1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
20th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 20th Floor hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh intakes)	Location of Air Intakes:- N/A
Floor Served: - N/A	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036 Serial No. 7780455402						
Location: 20th floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil

Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: BG (see column C)			
☒ Filter loading (general impression) 5%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/07/02, Report#2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
21st Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 21th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV0369BMGR Serial No. 7780456003						
Location: 21st floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W - White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil

Other Information: Unit needs proper cleaning

☒ Unit cycled prior to inspection Yes	☒ Color of Dust/Dirt/Debris: (see column C)
☒ Filter loading (general impression) 5%	☒ Water damage: None
☒ Filter bypass (describe) N/A	☒ Visible suspect mold growth: No
☒ Abraded/delaminated acoustical lining No	☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/07/02, Report#3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
22nd Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
Building Age: 45 Years		☐ Residential	
Distance from Ground Zero: Half Mile		☒ Multi-use	
Direction from Ground Zero: South East		☐ Other (describe)	
Number of residential units: N/A		Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 22nd Floor Hallway	System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 7780456503						
Location: 22nd Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	—	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: (see column C)			
☒ Filter loading (general impression) 10%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/08/02, Report#1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
23rd Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No	Location: 23rd Floor Hallway	System Cleaned: No.	
Outside air intake accessible for inspection ☐ Yes ☒ No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 7780458403						
Location: 23rd Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	---	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: (see column C)			
☒ Filter loading (general impression): 10%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10/08/02, Report#2		Building contact name and phone: Walter Grzybnska/ (212) 269-3003	
24th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 24th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV0368GR Serial No. 7780457603						
Location: 24th Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D		E	
			Dust/Dirt/Debris		Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: (see column C)			
☒ Filter loading (general impression) 8%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10/08/02, Report#3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
25th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 25th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV0368MGR Serial No. 77A0457303						
Location: 25th Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D		E	
			Dust/Dirt/Debris		Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: (see column C)			
☒ Filter loading (general impression) 10%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10/09/02, Report#1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
26th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 26th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 7780450703						
Location: 26th Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	-----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: (see column C)			
☒ Filter loading (general impression) 10%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 **General Impression:** There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10/09/02, Report#2		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
27th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 27th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A0458303						
Location: 27th Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D		E	
			Dust/Dirt/Debris		Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	---	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil

Other Information: Unit needs proper cleaning

☒ Unit cycled prior to inspection Yes	☒ Color of Dust/Dirt/Debris: (see column C)
☒ Filter loading (general impression) 5%	☒ Water damage: None
☒ Filter bypass (describe) N/A	☒ Visible suspect mold growth: No
☒ Abraded/delaminated acoustical lining No	☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/09/02, Report#3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
28th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 28th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 77A0459403						
Location: 27th Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	----	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: (see column C)			
☒ Filter loading (general impression) 5%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 10/10/02, Report#3		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
30th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 30th Floor Hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh Intakes)	Location of Air Intakes:- N/A
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#LHP/VWH12DMDR Serial No. 7660924907						
Location: 30th Floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D		E	
			Dust/Dirt/Debris		Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	---	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil

Return air plenum	Nil	Nil	Nil	Nil	No	Nil
Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil

Other Information: Unit needs proper cleaning

☒ Unit cycled prior to inspection Yes	☒ Color of Dust/Dirt/Debris: (see column C)
☒ Filter loading (general impression) 5%	☒ Water damage: None
☒ Filter bypass (describe) N/A	☒ Visible suspect mold growth: No
☒ Abraded/delaminated acoustical lining No	☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No

4.0 General Impression: There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 10/04/02, Report#1		Building contact name and phone: Walter Grzybnska/ (212) 269-3003	
17th Floor.			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
		☐ Residential	
Building Age: 45 Years		☒ Multi-use	
Distance from Ground Zero: Half Mile		☐ Other (describe)	
Direction from Ground Zero: South East		Number of residential units: N/A Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☐ Central ventilation system	
☒ Heat pump unit (single residence unit) This pump supplying heat and cool to the room		☐ Passive shaft/duct	
		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: No		Location: 17th Floor hallway	
		System Cleaned: No.	
Outside air intake accessible for inspection <u>Yes</u> <u>x</u> No (explain): No fresh air intake			

2.0 General Description Of HVAC System

No. of Air Intakes: - 0 (No Fresh intakes)	Location of Air Intakes:- N/A
Floor Served: - N/A	Whether Intakes at Street Level:- N/A
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - YES	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#FCV036BMGR Serial No. 7780456103						
Location: 17th floor hallway						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G	≤ 1/16 inch	—	No	-----
Fresh Air Intake Grille	Nil	Nil	Nil	Nil	No	Nil
Return air plenum	Nil	Nil	Nil	Nil	No	Nil

Filter rack	Nil	Nil	Nil	Nil	No	Nil
Filter media	Fiberglass Disposable 24 x 30 x 1	BG	≤1/16 inch			
Blower assembly	Nil	Nil	Nil	Nil	No	Nil
Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch	Nil	No	Nil
Supply air plenum	Sheet Metal	W	≤ 1/16 inch	Nil	No	Nil
Supply air diffuser	Sheet Metal	G	≤1/16 inch		No	Nil
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: BG (see column C)			
☒ Filter loading (general impression) 5%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 **General Impression:** There is a small unit in the closet providing heat and cool air. We inspected the home office passive shaft/duct and there is no evidence for WTC dust. There are three (3) corridors with one diffuser. There is no fresh air intake. Cleaning is not necessary.

VENTILATION SYSTEM EVALUATION FORM**Part 1.0 General Information**

Date of Evaluation: 9-24-02 Report #1		Building contact name and phone: Walter Grzybonska/ (212) 269-3003	
Boiler Room Sub-Cellar			
Evaluation Team (list name and affiliation): Claude Linton / Joy K. Kurin			
Environmental Professional: Cole Consultants			
HVAC Contractor: DJH MECHANICAL ASSOCIATES LTD.			
Sheet Metal Professional:			
Building Address: 45 Wall Street, New York, NY 10005		Type of Facility (check all that apply):	
Building Age: 45 Years		☐ Residential	
Distance from Ground Zero: Half Mile		☒ Multi-use	
Direction from Ground Zero: South East		☐ Other (describe)	
Number of residential units: N/A		Number of floors: 29 +2(B)	
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☒ Central ventilation system	
☐ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
☒ Other (describe) Air Handler Diffuser No.1		HVAC Shut Down: System Didn't Shutdown	
		Frequency of filter change-outs: Every Two months in Commercial Place	
Impacted by WTC dust: Yes	Location: Boiler Room Sub-Cellar	System Cleaned: No.	
Outside air intake accessible for inspection ☒ Yes ☐ No (explain)			

2.0 General Description Of HVAC System

No. of Air Intakes: - Three (3)	Location of Air Intakes:- Exchange place
Floor Served: - Fresh air to all home office room at each floor	Whether Intakes at Street Level:- yes
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - NA	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

3.0 Fan coil/ heat pump units in common spaces

Ventilation System Identification: Make: McQuay M#MSL117DH Serial No. 37B00582-04						
Location: Boiler Room Sub-Cellar						
Access adequate for inspection of components: Yes						
A	B	C	D		E	
			Dust/Dirt/Debris		Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey B - Black	Light (≤ 1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G		≥ 1/16 inch	Yes	15%
Fresh Air Intake Grille	Sheet Metal	B, W, & G		≥ 1/16 inch		

Return air plenum	Sheet metal	White Dust on Top	$\leq 1/16$ inch		Yes	10% (see enclosed pictures)
Filter rack	Sheet Metal Lined	G		$\geq 1/16$ inch	Yes	15% (see enclosed pictures)
Filter media	Fiberglass Disposable 20x25x2	G		$\geq 1/16$ inch		
Blower assembly	Sheet metal	G	$\leq 1/16$ inch			
Thermal coils	Aluminum Copper	B & G	$\leq 1/16$ inch			
Supply air plenum	Sheet Metal	W	$\leq 1/16$ inch			
Supply air diffuser	Sheet Metal	G				
Other Information: Unit needs proper cleaning						
☒ Unit cycled prior to inspection Yes			☒ Color of Dust/Dirt/Debris: (see column C)			
☒ Filter loading (general impression) 70%			☒ Water damage: None			
☒ Filter bypass (describe) N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) : No			

4.0 **General Impression:** Unit McQuay M#MSL117DH, Serial No. 37B00582-04 has been exposed to heavy dust and debris. According to our inspection we recommend that you clean the above-mentioned unit.

VENTILATION SYSTEM EVALUATION FORM

Part 1.0 General Information

Date of Evaluation: 9-24-02.2 Report #2		Building contact name and phone: Walter Gryzybonska/ (212)269-3003	
Evaluation Team (list name and affiliation): Claude, Linton, Joy K. Kurin			
(Environmental Professional) Cole Consulting Inc.			
(HVAC/Electrical Professional) D.J.H.Mechanical Associates, Ltd.			
(Sheet Metal Professional)			
Building Address: 45 Wall Street		Type of Facility (check all that apply):	
New York, NY 10005		☐ Residential	
		☒ Multi-use	
		☐ Other (describe)	
		Number of residential units: NIC	Number of floors: 29 + 2(B)
HVAC System Types (check all that apply)			
☐ Unit ventilator (single residence unit)		☐ Wall/window AC unit (single residence unit)	
☐ Fan coil unit (single residence unit)		☒ Central ventilation system	
☐ Heat pump unit (single residence unit)		☐ Passive shaft/duct	
☐ Other (describe) H. V.			
Location of outside air intake: William Street and Exchange place			
Outside air intake accessible for inspection: yes (explain)			

2.0 General Description Of HVAC System

No. of Air Intakes: - Three (3)	Location of Air Intakes: 1 small fresh air intake at exchange Place and two in William Street
Floor Served: - Sub cellar 2 (boiler room)	Whether Intakes at Street Level:- yes
No. of Rooftop Blower/Mushroom Vents: 15	
Individual Heating / AC unit Present or not: - NA	

General Description: - Two exhaust pumps in the basement, which serve 1st to 17th floor for kitchen and bathroom air out. Two Additional small exhaust pumps located on 18th floor. They serve 18th – 24th floors for bathrooms and kitchens air out. In addition, 15 mushroom fans on rooftop to serve 25th – 30th floors for kitchens and bathrooms air out. Enclosed please find pictures taken of the passive shaft/duct duct shaft and mushroom fans, which showed no signs of WTC dust debris.

2.2 Fan coil/ heat pump units in common spaces

Ventilation System Identification: McQuay LHD114DH Serial # 37B00581-04 H.V.1						
Location: Boiler Room Sub cellar						
Access adequate for inspection of components: Yes						
A	B	C	D Dust/Dirt/Debris		E Suspect WTC-Related Dust	
System Components	System Component Substrate Material (sheet metal wrapped) (sheet metal lined) (fiberglass) (flexible connector) (double walled)	Color W- White B - Brown G - Grey BG-Black gray	Light (<1/16 inch depth)	Heavy (≥ 1/16 inch depth)	Present? (Y/N)	Estimate % of total dust loading
Return air grille	Sheet metal	B & G		≥ 1/16 inch	YES	18%
Fresh Air Intake Grille	Sheet Metal	B, W, & G		≥ 1/16 inch		
Return air plenum	Sheet metal	White Dust on Top	≤ 1/16 inch		YES	18%
Filter rack	Sheet Metal Lined	G		≥ 1/16 inch	YES	18%
Filter media	Fiberglass Disposable 20x25x2	G		≥ 1/16 inch		
Blower assembly	Sheet metal	G	≤ 1/16 inch			

Thermal coils	Aluminum Copper	B & G	≤ 1/16 inch			
Supply air plenum	Sheet Metal	W	≤ 1/16 inch			20%
Supply air diffuser	Sheet Metal	G				
Other Information:						
☒ Unit cycled prior to inspection: Yes			☒ Color of Dust/Dirt/Debris: See column C.			
☒ Filter loading (general impression): 30%			☒ Water damage:- No			
☒ Filter bypass (describe): N/A			☒ Visible suspect mold growth: No			
☒ Abraded/delaminated acoustical lining: No			☒ Evidence of animal incursion (carcasses, feathers, fecal matter) No			
General Impression: Unit McQuay LHD114DH Serial # 37B00581-04 H.V.1 has been exposed to heavy dust and debris. According to our inspection we recommend that you clean the above-mentioned unit.						