

____ RIDOH; ____ Owner: ____ Spare

VORTIEX

ASBESTOS ABATEMENT PLAN - DEMOLITION

The "Former" Watters School

Riverside, RI

**Rhode Island Department of Health
Notarized Certification of Asbestos Abatement Plan**

Facility: **THE "FORMER" WATTERS SCHOOL**
Address: **33 HOPPIN AVE.**
City/Town: **EAST PROVIDENCE, RI**

Amend/Plan: **NEW**

Zip Code: **02915**

Abatement plan written by: **JOHN CARBONE**

Certification No: **177 PD/IS**

Summary of specific waivers/variances being requested: **. We are requesting a waiver of floor polyethylene in VAT FLOORING areas and request an alternate procedure for one (1) layer of 6 mil thick polyethylene for wall preparation instead of the standard 2 layers of 4 mil polyethylene. Request a waiver of pre-abatement, in-process and final air clearance sampling/analysis.**

Type of Asbestos Abatement:

Removal	Enclosure	Encapsulation	<input checked="" type="checkbox"/> Other
Glovebag	<input checked="" type="checkbox"/> Asphalt Roofing	<input checked="" type="checkbox"/> Demolition	WINDOW/DOOR CAULKING/GLAZING MATERIAL

Is this plan being submitted in response to a Notice of Violation and/or Notice of Requirement to Submit an Asbestos Abatement Plan?

YES ☐ NO ☒

If Yes, indicate Notice/Building Evaluation Number(s):

Contractor: **TO BE DETERMINED**

License #: LAC - - 000

Estimated starting date: **IMMEDIATELY UPON PLAN APPROVAL**

Pre-Abatement sampling information:

Bulk samples collected by: **JOHN CARBONE**
Bulk samples analyzed by: **SANAI LAB**
Air samples analyzed by: **NONE REQUIRED**

Certification #: AAC- **177 IS**
Certification #: AAL- **126T3**
Certification #: AAL-

Clearance air sampling information:

Air samples to be collected by: **NONE REQUIRED**

Air samples to be analyzed by: Certification #: AAL-

CERTIFICATION

I certify that: this asbestos abatement plan is prepared and submitted under the provisions of RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1; all abatement/management activities performed in conjunction with this plan must be in compliance with the specifications prescribed in this plan (when approved) and the most current revision of all applicable federal and state regulations; and the asbestos abatement/management activities described in this plan must be performed by a RI licensed asbestos abatement contractor.

Certified by: _____ Title: _____
(Signature of building owner or agent)

(typed/printed name of Certifier) Date: ____/____/____

Subscribed and sworn before me this _____ day of _____, 202____

_____ My Commission expires: _____

AFFIX NOTARY SEAL HERE

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS
Department of Health
Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

1) Building Owner's name:

CITY OF EAST PROVIDENCE

3) Building Owner's Mailing Address and
Telephone Number:

2) Application prepared by:

JOHN CARBONE
RI Cert. #: 177PD

EAST PROVIDENCE CITY HALL

Street: **145 TAUNTON AVE**
City, State: **EAST PROVIDENCE, RI**
Zip code: **02914**
Tel. #: **(401) 639-3130**

4) Person to be contacted regarding
this application:

Name: **ED CATELLI**
Tel. #: **(401) 639-3130**

5) Location where abatement work will be performed:

Name: **THE "FORMER" WATTERS SCHOOL**
AVE.: **33 HOPPIN AVE.**
City, State: **EAST PROVIDENCE, RI** Zip code: **02915**

6) is this application being submitted in response to a "Notice of Requirement to Submit and Asbestos Abatement Plan?"

YES ☐ NO ☒

If yes, what is the due date for submittal of Asbestos Plan?

Evaluation Number on the notice:

7) Contractor who will be performing abatement work (if selected):

Name: **TO BE DETERMINED** RI License #: LAC - **- 00**

8) Estimated starting date of abatement work:

UPON PLAN APPROVAL

9) Estimated completion date of abatement work:

WITHIN 2 WEEKS

10) Type of Asbestos Abatement (Check all that apply)

Removal	Enclosure	<input checked="" type="checkbox"/> Asphalt Roofing
Encapsulation	<input checked="" type="checkbox"/> Demolition	Operations & Maintenance only
<input checked="" type="checkbox"/> Other	Glovebag Removal	

11) Type of Building:

School Building
Privately owned building
☒ Publicly owned building [FORMER SCHOOL BLDG.]
Residence
Other (specify)

12) Building Access:

Public Access (>25% of building area)
☒ Limited Public Access (<25% of building area)
No Public Access

13) Bulk Sample collection and analysis

A) Person collecting bulk samples

Name: **JOHN CARBONE**

RI Certification #: **177 IS**

A) Sampling Methodology:

EPA AHERA Sampling Requirements [40 CFR 763.86]

☒ EPA's Asbestos containing Material in Buildings: A Guidance Document (EPA-450/2-78-014) or Guidance for Controlling Asbestos Containing Materials – 1985 Edition (EPA-560-5-85-024).

Other (specify below)

B) Laboratory performing the analysis of the bulk samples.

Name: **SANAIR LAB**

RI Cert. #: **126T3**

C) Analytical Methodology

☒ EPA Interim Method for the determination of Asbestos in Bulk Insulation samples [PLM Method only]

Other (specify below)

14) Pre-abatement Air Sampling Collection and Analysis: **NONE REQUIRED
REFER TO ATTACHMENT #3**

- A) Person collecting pre-abatement air samples:
Name: Affiliation:
- B) Laboratory performing analysis of pre-abatement air samples:
Name: RI Cert. No: AAL-
- C) Methodology used in the collection and analysis of pre-abatement samples:
NIOSH Method 7400 [Most Current Revision]
OSHA 29 CFR 1926.1101 – Appendix A & B
Other (specify below)
-

- 15) A) Indicate how the asbestos containing material (ACM) will be removed from the abatement site.
If a hauler or broker will be used to transport the ACM to the disposal site, they must be identified.

REMOVED IN A CLOSED DUMPSTER, NO HAULER SELECTED YET.

- B) Provide the name and location of the authorized asbestos waste facility to which the removed material will be transferred for disposal (if known)

UNKNOWN

- 16) Person designated as compliance monitor for abatement work. (Not required)

Name: **VORTEX STAFF**
Affiliation: **VORTEX INC.**

17) In-process & clearance air sampling **REFER TO ATTACHMENT #1**

- a) Describe on an attachment the type, number and location of air samples that will be collected outside the work area during the abatement project.
- b) Describe on an attachment, the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (<0.01 f/cc) is exceeded outside the work area during the abatement project.
- c) Describe on an attachment the type, number and location of air samples that will be collected as part of the final clearance testing.
- d) Describe on an attachment, the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (<0.01 f/cc) is exceeded during final clearance testing.
-

- 18) A separate and fully completed Form ASB-16A must be submitted for each area to be abated. List below the entry in Item #1 from each attached ASB-16A.

INTERIOR

EXTERIOR SIDES [WINDOW/DOORCAULKING/GLAZING]

EXTERIOR - ROOFS (A, B, C]

-
- 19) I certify that this plan was prepared by me and I am responsible for its content:

Signature: _____

Date: _____

Name:

JOHN CARBONE

Affiliation:

VORTEX INC.

-
- 20) Asbestos Abatement Plan Application Fee:

X GREATER THAN 50 NESHAP Unit

\$900

Agency Use only

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS

Department of Health

Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

Supplemental Information: Area Description and Proposed remedy

BUILDING LOCATION: **INTERIOR**

Instructions: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

1) Area Location/Identification (Room Name, Evaluation number, etc.)

**REFER TO ATTACHED DRAWINGS A1 - A3 AND
ATTACHMENT #2A - CHART OF ACM**

2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

REFER TO ATTACHMENT #2 & ATTACHMENT #2A - CHART OF ACM

3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

REFER TO ATTACHED DRAWINGS A1 - A3

4) Proposed remedies:

A) Attach a description of the Operations and Maintenance Plan that will be implemented in accordance with RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1;

REFER TO ATTACHMENT #3

4) Proposed remedies [continued]

B) Will any portion of this area be abated by use of **1.14** Work Procedures?

☒ YES

☐ NO

If yes, indicate below which ACM in this area will be abated by use of the following Work Procedures:

1.14.2 & 1.14.3 (REMOVAL)

1.14.4 (ENCAPSULATION)

1.14.5 (ENCLOSURE)

☒ 1.14.6 (DEMOLITION)

1.14.7 (GLOVEBAG

1.14.8 (ASPHALT ROOFING)

C) Are you proposing any waivers to the above selected **1.14.7 (B) & 1.16** procedures for any of the abatement activities in this area.

☐ YES

☒ NO

If yes, attach a detailed description of the waivers requested and/or the alternative procedures you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D) Are you proposing alternative procedures under **1.16** for any of the abatement activities in this area?

☒ YES

☐ NO

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

REFER TO ATTACHMENT #4

E) Will any RACM remain in this area after abatement?

☐ YES

☒ NO

☐ Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b).

AGENCY USE ONLY

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS
Department of Health
Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN
Supplemental Information: Area Description and Proposed remedy

BUILDING LOCATION: **EXTERIOR - SIDE WALL AREAS**

Instructions: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

1) Area Location/Identification (Room Name, Evaluation number, etc.)

**REFER TO ATTACHED DRAWINGS A5 & A6 AND
ATTACHMENT #2A - CHART OF ACM**

2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

REFER TO ATTACHMENT #2 & ATTACHMENT #2A - CHART OF ACM

3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

REFER TO ATTACHED DRAWINGS A5 & A6

4) Proposed remedies:

A) Attach a description of the Operations and Maintenance Plan that will be implemented in accordance with RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1;

REFER TO ATTACHMENT #3

4) Proposed remedies [continued]

B) Will any portion of this area be abated by use of **1.14** Work Procedures?

YES

☒ NO

If yes, indicate below which ACM in this area will be abated by use of the following Work Procedures:

1.14.2 & 1.14.3 (REMOVAL)

1.14.4 (ENCAPSULATION)

1.14.5 (ENCLOSURE)

1.14.6 (DEMOLITION)

1.14.7 (GLOVEBAG

1.14.8 (ASPHALT ROOFING)

C) Are you proposing any waivers to the above selected **1.14.7 (B) & 1.16** procedures for any of the abatement activities in this area.

YES

☒ NO

If yes, attach a detailed description of the waivers requested and/or the alternative procedures you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D) Are you proposing alternative procedures under **1.16** for any of the abatement activities in this area?

☒ YES

NO

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

REFER TO ATTACHMENT #5

E) Will any RACM remain in this area after abatement?

YES

☒ NO

Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b).

AGENCY USE ONLY

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS
Department of Health
Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN
Supplemental Information: Area Description and Proposed remedy

BUILDING LOCATION: **ROOF**

Instructions: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

1) Area Location/Identification (Room Name, Evaluation number, etc.)

**REFER TO ATTACHED DRAWING A4 ["A", "B", & "C"] AND
ATTACHMENT #2A - CHART OF ACM**

2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

REFER TO ATTACHMENT #2 & ATTACHMENT #2A - CHART OF ACM

3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

REFER TO ATTACHED DRAWING A4

4) Proposed remedies:

A) Attach a description of the Operations and Maintenance Plan that will be implemented in accordance with RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1;

REFER TO ATTACHMENT #3

4) Proposed remedies [continued]

B) Will any portion of this area be abated by use of **1.14** Work Procedures?

☒ YES

☐ NO

If yes, indicate below which ACM in this area will be abated by use of the following Work Procedures:

1.14.2 & 1.14.3 (REMOVAL)

1.14.4 (ENCAPSULATION)

1.14.5 (ENCLOSURE)

1.14.6 (DEMOLITION)

1.14.7 (GLOVEBAG

☒ 1.14.8 (ASPHALT ROOFING)

C) Are you proposing any waivers to the above selected **1.14.7 (B) & 1.16** procedures for any of the abatement activities in this area.

☐ YES

☒ NO

If yes, attach a detailed description of the waivers requested and/or the alternative procedures you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D) Are you proposing alternative procedures under **1.16** for any of the abatement activities in this area?

☐ YES

☒ NO

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

E) Will any RACM remain in this area after abatement?

☐ YES

☒ NO

☐ Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b).

AGENCY USE ONLY

ATTACHMENT # 1

WAIVER OF PRE-ABATEMENT, IN-PROCESS AND CLEARANCE AIR SAMPLING

Due to exterior and interior abatement and there shall be NO re-entry into the building after interior abatement, we are requesting waiver of pre-abatement, in-process and final air clearance testing. In lieu of area testing, the asbestos contractor is required to submit applicable OSHA compliance personnel air testing within 3 days of project completion. THE ASBESTOS DANGER SIGNS SHALL REMAIN INTACT [ATTACHED TO BUILDING] UNTIL THE DEMOLITION COMMENCES.

ATTACHMENT #2

DESCRIPTION OF ACBM

This project involves the abatement of various types of ACM building materials that will require abatement prior to building demolition to include:

- roof flashing material
- window caulking & glazing material
- door frame perimeter caulking
- floor tile and / or mastic
- TSI pipe insulation

Refer to ATTACHMENT #2A – CHART OF ACM for quantities and locations referenced on attached DRAWINGS A1 - A6.

"SPECIAL" WORK PROCEDURE

TSI PIPE INSULATION - The vast majority of pipe insulation is located within the crawl space and first floor (above suspended ceilings and within several wall cavities). However, abatement should be performed in the following steps [1st & 2nd floors.. not the crawl space] to ensure the pipe insulation has been fully abated prior to demolition to include:

STEP #1 - abate the floor tile/sheeting material and/or applicable mastic.

STEP #2 - remove the suspended ceiling tiles [non-ACM] to expose the air plenum area above to visualize and expose any pipe insulation and where the pipe travels up/down within the perimeter walls or to the floor above/below.

STEP #3 - remove a 3' square section in the plaster ceilings [non-ACM] to expose the air plenum area above to visualize and expose any "hidden" pipe insulation and where the pipe travels up/down within the perimeter walls. Once identified abate the TSI.

ATTACHMENT #2A - CHART OF ACM "FORMER" WATERS SCHOOL

FLOOR & DRAWING #	AREA # ON DRAWING	DESCRIPTION OF AREA	9" X 9" FLOOR TILE	9" X 9" FLOOR TILE UNDER CARPET	TSI PIPE & FITTING INSUL	PERIMETER ROOF FLASHING	ROOF PENETRATION FLASHING	EXTERIOR WINDOW CAULKING & GLAZING	TOTAL COMPONENTS	CONDITION OF ACM	COMMENTS
			S.F.	S.F.	L.F.	L.F.	S.F.	L.F.	EACH		
1 / A1	1	STAIRWAY									
1 / A1	2	CLASSROOM									
1 / A1	3	CLASSROOM									
1 / A1	4	CLASSROOM		320						GOOD	REMOVE CARPET AND DISPOSE AS NON-ACM WASTE.
1 / A1	5	OFFICE		170						GOOD	REMOVE CARPET AND DISPOSE AS NON-ACM WASTE.
1 / A1	6	CLASSROOM		200						GOOD	REMOVE CARPET AND DISPOSE AS NON-ACM WASTE.
1 / A1	7	CLASSROOM		300						GOOD	REMOVE CARPET AND DISPOSE AS NON-ACM WASTE.
1 / A1	8	CORRIDOR									
1 / A1	9	ALL PURPOSE ROOM									
1 / A1	10	KITCHEN									
1 / A1	11	STORAGE ROOM	180							GOOD	
1 / A1	12	BOILER ROOM			130					FAIR	
1 / A1	13	STAIRWAY									
1 / A1	14	GIRL'S BATHROOM									
1 / A1	15	STORAGE / PLUMB CHASE			40 l.f. & 1/2 yd.					POOR	
1 / A1	16	BOY'S BATHROOM									
1 / A1	17	CLASSROOM									
1 / A1	18A	CLASSROOM									
1 / A1	18B	STORAGE									
1 / A1	19	CORRIDOR	940							FAIR	
		ENTIRE 1ST FLOOR			1400						TOTAL OF 14 RISERS WITH THE WALLS [TOTAL OF 200 S.F.] - REFER TO ATTACHED DRAWING A1...AND 1,200 L.F. ABOVE THE SUSPENDED CEILINGS.

FLOOR & DRAWING #	AREA # ON DRAWING	DESCRIPTION OF AREA	9" X 9" FLOOR TILE	9" X 9" FLOOR TILE UNDER CARPET	TSI PIPE & FITTING INSUL	PERIMETER ROOF FLASHING [1' WIDE]	ROOF PENETRATION FLASHING	EXTERIOR WINDOW CAULKING & GLAZING	TOTAL COMPONENTS	CONDITION OF ACM	COMMENTS
			S.F.	S.F.	L.F.	L.F.	S.F.	L.F.	EACH		
2 / A2	20	STAIRWAY									
2 / A2	21	CLASSROOM	940							FAIR	
2 / A2	22	CLASSROOM	940							FAIR	
2 / A2	23	CLASSROOM	420							FAIR	
2 / A2	24	CLASSROOM	400							FAIR	
2 / A2	25	STAIRWAY									
2 / A2	26	BATHROOM									
2 / A2	27	STORAGE / PLUMB CHASE	140		60 l.f. & 1/2 yd. of debris					POOR	
2 / A2	28	OFFICE	265							FAIR	
2 / A2	29	CLASSROOM									
2 / A2	30	CLASSROOM									
2 / A2	31	CORRIDOR	940							FAIR	
C / A3	32	CRAWLSPACE			1900					FAIR	VARIOUS DIAMETER [4' - 8"] PIPE INSULATION OVER A DIRT FLOOR THROUGHOUT CRAWL SPACE
R / A4	A	ROOFTOP				275	7+ AREAS - total of 40 S.F.			FAIR	LOCATED UNDER A NON-ACM PVC FLOOR AND A1" THICK FIBER BOARD. PERIMETER FLASHING - ABATE A 1' WIDE STRIP ... ROOF PENETRATIONS ABATE A 1' STRIP ON ROOF AND ALL FLASHING UP SIDES OF BLDG. COMPONENT.
R / A4	B	ROOFTOP				120	2+ AREAS - total of 20 S.F.			FAIR	LOCATED UNDER A NON-ACM PVC FLOOR AND A1" THICK FIBER BOARD. PERIMETER FLASHING - ABATE A 1' WIDE STRIP ... ROOF PENETRATIONS ABATE A 1' STRIP ON ROOF AND ALL FLASHING UP SIDES OF BLDG. COMPONENT.

ATTACHMENT #3

Interim Operations and Maintenance Program

This building is locked and unoccupied but the EP maintenance staff still has access.

The building owner is aware of the asbestos containing materials within these areas. These people have been or will be educated and advised not to disturb the asbestos-containing materials due to the potential health effects if asbestos fibers become airborne. All building owner employees have been or will be notified as to the presence of asbestos-containing building materials within the specific areas. Any outside contractor will sign a document stating that he has been made aware of the presence and location of the asbestos-containing materials within these areas. Also, the building owner representative(s) are responsible for presenting information to the building occupants of any asbestos abatement activities being conducted. This will be accomplished by posting memo's and/or posting of caution/warning signs at the all entrances to the building during such activities.

Accidental Disturbance of Asbestos-Containing Materials

All personnel were, at the time of the inspection, aware of the potential presence of ACBM within the areas of concern. The information below outlines the procedures that will be followed in an event of an accidental asbestos fiber release within the building prior to razing. If an asbestos-containing material becomes disturbed within the criteria of a minor fiber release (less than 10 linear feet or 25 square feet of ACBM), a trained "R.I. Competent Person" may perform the clean-up, removal, encapsulation, or enclosure abatement activities utilizing spot repair/removal techniques. During these spot abatement techniques, access to the area shall be restricted to only those trained individuals, signs shall be posted, and HVAC (if applicable) shall be shut down and locked out. If a major fiber release occurs (greater than 10 linear feet or 25 square feet of ACBM), the clean-up, removal, encapsulation, or enclosure abatement activities must be completed by a R.I. Department of Health (R.I. DOH) certified asbestos abatement contractor. Regardless of the amount of asbestos to be abated, the affected area must be isolated and entry to the area restricted to only those trained/certified personnel.

ATTACHMENT #4

WAIVER & ALTERNATE PROCEDURES

WAIVER REQUEST - We are requesting a *waiver* of floor polyethylene [B.8.2(c)] due to removal of the VAT and request an

ALTERNATE PROCEDURE REQUEST - request and *alternate procedure* [B.8.2(d)] for one (1) layer of 6 mil thick polyethylene for wall preparation instead of the standard 2 layers of 4 mil polyethylene.

ATTACHMENT #5

ALTERNATE PROCEDURE **WINDOW/DOOR CAULKING AND/OR GLAZING ABATEMENT**

The asbestos contractor shall comply with the following alternate work practices involving the abatement of ACM caulking/glazing material from the windows, doors and window walls as illustrated on the attached DRAWINGS A5 & A6. All work to be performed from the exterior side of the building.

- 1) Install applicable ASBESTOS WARNING signs around building.
- 2) Install ASBESTOS barrier tape at perimeter (within 20 feet) around abatement building component areas requiring abatement.
- 3) INTERIOR - Install two layers of 6 mil thick polyethylene on interior side sidewalls of structural opening requiring ACM abatement building components and extend 2' over the remaining structural wall opening.
- 4) EXTERIOR - Install one layer of ground polyethylene underneath the applicable abatement building component areas. Attach to building base and extend outwards 10' from the building.
- 5) Install a remote three chamber decon unit adjacent to the work area.
- 6) Workers shall don, at a minimum, two (2) disposable suits and proper respiratory protection (per abatement companies Respiratory Protection Program).
- 7) Spray all affected ACM abatement building components/frames requiring abatement with amended water.
- 8) Remove all applicable modular abatement components (removable sashes, doors, etc.), double wrap the window sashes in 2 layers of 6 mil thick polyethylene, apply asbestos labels then dispose as ACM waste.
- 9) Remove applicable fixed window/door frames. Scrape ACM caulking from frames then dispose of frames as non-ACM waste.
- 10) Once completed, spray amended water then scrape remaining ACM caulking from perimeter /structural brick wall and place in asbestos labeled bags. Spray the remaining structural opening with a clear encapsulant.
- 11) Continue to next work area and proceed until completed with shift.
- 12) If the window systems within the window opening have not been completely removed/abated, maintain the critical barriers in place until completed. At the end of the work day, HEPA vacuum ground polyethylene, roll inward, then place within 2-6 mil thick poly asbestos bags, seal, label and discard as asbestos waste.
- 13) Decontaminate decon unit and store for evening.
- 14) Remove PPE and discard and/or decontaminate appropriately.
- 15) If the project has not been completed, continue with steps #1 – #14 listed above until completed.
- 16) Once the window systems have been removed/abated within an area, remove applicable critical barriers. Place within 2-6 mil thick poly asbestos bags, seal, label and discard as asbestos waste.
- 17) Remove and properly dispose of barrier tape and signs.



Analysis Report
prepared for
Vortex Inc. Enviro. Management Consulting Training

Report Date: 9/15/2020

Project Name: Water School - *INTERIOR SUBFLOOR LEVECOR (BLACK)*

Project #: 20-207

SanAir ID#: 20051249



NVLAP LAB CODE 200870-0

1551 Oakbridge Dr. Suite B | Powhatan, Virginia 23139-8061
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

20051249

FINAL REPORT

9/15/2020 1:49:58 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Water School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Dear John Carbone,

We at SanAir would like to thank you for the work you recently submitted. The 7 sample(s) were received on Tuesday, September 15, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): 31C, 25C, 34C, 36C, 30C, 13, 17C.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is written in a cursive, flowing style.

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 7 samples in Good condition.



SanAir ID Number

20051249

FINAL REPORT

9/15/2020 1:49:58 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Water School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Upshaw, Zoe

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
31C / 20051249-001 Floor Leveler	Black Non-Fibrous Heterogeneous		100% Other	None Detected
25C / 20051249-002 Floor Leveler	Black Non-Fibrous Homogeneous		100% Other	None Detected
34C / 20051249-003 Floor Leveler	Black Non-Fibrous Heterogeneous		100% Other	None Detected
36C / 20051249-004 Floor Leveler	Black Non-Fibrous Heterogeneous		100% Other	None Detected
30C / 20051249-005 Floor Leveler	Black Non-Fibrous Heterogeneous		100% Other	None Detected
13 / 20051249-006 Floor Leveler	Black Non-Fibrous Heterogeneous		100% Other	None Detected
17C / 20051249-007 Floor Leveler	Black Non-Fibrous Heterogeneous		100% Other	None Detected

Analyst:

Zoe Sarah Upshaw

Approved Signatory:

Johnathan Wilson

Analysis Date: 9/15/2020

Date: 9/15/2020

Disclaimer

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other U.S. governmental agencies and may not be certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications

NVLAP lab code 200870-0

City of Philadelphia: ALL-460

PA Department of Environmental Protection Number: 68-05397

California License Number: 2915

Colorado License Number: AL-23143

Connecticut License Number: PH-0105

Massachusetts License Number: AA000222

Maine License Number: LB-0075, LA-0084

New York ELAP lab ID: 11983

Rhode Island License Number: PCM00126, PLM00126, TEM00126

Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia 3333000323

Washington State License Number: C989

West Virginia License Number: LT000616

Vermont License: AL166318

Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020



1551 Oakbridge Dr. STE B
Powhatan, VA 23139
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

WATERS

Asbestos
Chain of Custody
Form 140, Rev 3, 8/28/19

SanAir ID Number

20051249

Company: VORTEX INC.	Project #: 20-207	Collected by: CARBONE
Address: P.O. BOX 6060	Project Name: WATER SCHOOL	Phone #: 401-640-9331 (C)
City, St., Zip: WARWICK, RI 02887	Date Collected: 9/11/20	Fax #: 401-738-7869
State of Collection: RI	Account#: _____	Email: jc.vortex@gmail.com

Bulk		Air		Soil	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	Vermiculite & Soil	
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABBEN	PLM EPA NOB** <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBCH	TEM Chatfield** <input type="checkbox"/>	Other:	<input type="checkbox"/>	Dust	
ABBTM	TEM EPA NOB** <input type="checkbox"/>	New York ELAP		ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
ABQ	PLM Qualitative <input type="checkbox"/>	ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Micro vac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>		
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		
				Matrix	Other <input type="checkbox"/>

** Available on 24-hr. to 5-day TAT

Water	ABHE	EPA 100.2 <input type="checkbox"/>
-------	------	------------------------------------

Turn Around Times	3 HR (4 HR TEM) <input checked="" type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 5 Days

Special Instructions	
----------------------	--

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
31C	FLOOR LEVOLOR-BACK				
25C	"				
34C	"				
36C	"				
30C	"				
13	"				
17C	"				

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	9/12/20	4 PM	<i>[Signature]</i>	9/15/20	11:40 am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.



Analysis Report
prepared for
Vortex Inc. Enviro. Management Consulting Training

Report Date: 9/16/2020

Project Name: Watters School — *ROOF ANALYSIS*

Project #: 20-207A

SanAir ID#: 20051338



NVLAP LAB CODE 200870-0

1551 Oakbridge Dr. Suite B | Powhatan, Virginia 23139-8061
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

20051338

FINAL REPORT

9/16/2020 1:55:59 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207A
P.O. Number:
Project Name: Watters School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Dear John Carbone,

We at SanAir would like to thank you for the work you recently submitted. The 22 sample(s) were received on Tuesday, September 15, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): DE1, DF1, CE3, CF3, CF2, CP2, CE1, CP1, CF1, CF2, BE2, BE1, BP1, BF1, BF2, AE2, AF1, AE1, AF3, AE3, AF2, AP1, AP2.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is written in a cursive, flowing style.

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 23 samples in Good condition.



SanAir ID Number

20051338

FINAL REPORT

9/16/2020 1:55:59 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207A
P.O. Number:
Project Name: Watters School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: King, Kristina | Moore, Brandi | Tallert, Jonathan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
DE1 / 20051338-001 DE1	Black Non-Fibrous Heterogeneous	40% Cellulose	60% Other	None Detected
DF1 / 20051338-002 DF1	Black Non-Fibrous Heterogeneous	40% Cellulose	60% Other	None Detected
CE3 / 20051338-003 CE3	Black Non-Fibrous Heterogeneous	3% Glass	89% Other	8% Chrysotile ✓
CF3 / 20051338-004 CF3	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
CP2 / 20051338-006 CP2	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
CE1 / 20051338-007 CE1	Black Non-Fibrous Heterogeneous	5% Glass	87% Other	8% Chrysotile ✓
CP1 / 20051338-008 CP1	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
CF1 / 20051338-009 CF1	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
CF2 / 20051338-010 CF2	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
BE2 / 20051338-011 BE2	Black Non-Fibrous Heterogeneous	10% Glass	82% Other	8% Chrysotile ✓

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number

20051338

FINAL REPORT

9/16/2020 1:55:59 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207A
P.O. Number:
Project Name: Watters School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: King, Kristina | Moore, Brandi | Tallert, Jonathan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
BE1 / 20051338-012 BE1	Black Non-Fibrous Heterogeneous	5% Glass	87% Other	8% Chrysotile ✓
BP1 / 20051338-013 BP1	Black Fibrous Heterogeneous	55% Cellulose	45% Other	None Detected
BF1 / 20051338-014 BF1	Black Fibrous Heterogeneous	50% Cellulose	50% Other	None Detected
BF2 / 20051338-015 BF2	Black Non-Fibrous Heterogeneous	35% Cellulose	65% Other	None Detected
AE2 / 20051338-016 AE2	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
AF1 / 20051338-017 AF1	Black Non-Fibrous Heterogeneous	30% Cellulose	70% Other	None Detected
AE1 / 20051338-018 AE1	Black Non-Fibrous Heterogeneous	5% Cellulose	87% Other	8% Chrysotile ✓
AF3 / 20051338-019 AF3	Black Non-Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Other	None Detected
AE3 / 20051338-020 AE3	Black Non-Fibrous Heterogeneous	20% Glass	80% Other	None Detected
AF2 / 20051338-021 AF2	Black Non-Fibrous Heterogeneous	25% Cellulose	75% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number

20051338

FINAL REPORT

9/16/2020 1:55:59 PM

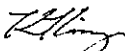
Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710


Project Number: 20-207A
P.O. Number:
Project Name: Watters School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: King, Kristina | Moore, Brandi | Tallert, Jonathan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
AP1 / 20051338-022 AP1	Black Non-Fibrous Heterogeneous	20% Cellulose	75% Other	5% Chrysotile
AP2 / 20051338-023 AP2	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected

Analyst: 

Approved Signatory: 

Analysis Date: 9/16/2020

Date: 9/16/2020

Disclaimer

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other U.S. governmental agencies and may not be certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications

NVLAP lab code 200870-0

City of Philadelphia: ALL-460

PA Department of Environmental Protection Number: 68-05397

California License Number: 2915

Colorado License Number: AL-23143

Connecticut License Number: PH-0105

Massachusetts License Number: AA000222

Maine License Number: LB-0075, LA-0084

New York ELAP lab ID: 11983

Rhode Island License Number: PCM00126, PLM00126, TEM00126

Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia 3333000323

Washington State License Number: C989

West Virginia License Number: LT000616

Vermont License: AL166318

Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020



1551 Oakbridge Dr. STE B
Powhatan, VA 23139
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

Roofs
A-D
Asbestos
Chain of Custody
Form 140, Rev 3, 8/28/19

SanAir ID Number

20051338

Company: VORTEX INC.	Project #: 20-207A	Collected by: CARBONE
Address: P.O. BOX 6060	Project Name: WATERS SCHOOL	Phone #: 401-640-9331 (C)
City, St, Zip: WARWICK, RI 02887	Date Collected: 9/11/20	Fax #: 401-738-7869
State of Collection: RI Account#: _____	P.O. Number: _____	Email: jc.vortex@gmail.com

Bulk		Air		Soil	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	Vermiculite & Soil	
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABBEN	PLM EPA NOB** <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBCH	TEM Chatfield** <input type="checkbox"/>	Other:	<input type="checkbox"/>	Dust	
ABBTM	TEM EPA NOB** <input type="checkbox"/>	New York ELAP		ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
ABQ	PLM Qualitative <input type="checkbox"/>	ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Micro vac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>	Matrix Other	
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		

** Available on 24-hr. to 5-day TAT

Water	ABHE	EPA 100.2 <input type="checkbox"/>
-------	------	------------------------------------

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 5 Days

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
DE1	SAME AS SAMPLE #1	ANALYZE EACH BKG			
DF1					
CE3					
CF3					
CF2	NO ANALYSIS	AS ONE (1)			
CP2					
CE1					
CP1					
CF1	HOMOGENEOUS SAMPLE				
CF2					
BE2					
BE1					

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	9/12/20		<i>[Signature]</i>	9/15/20	4:40 PM

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Form 140, Revision 1, 1/20/2017

Special Instructions	
----------------------	--

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Page 2 of 2



Analysis Report
prepared for
Vortex Inc. Enviro. Management Consulting Training

Report Date: 9/16/2020

Project Name: Watters

Project #: 20-207

SanAir ID#: 20051579



NVLAP LAB CODE 200870-0

1551 Oakbridge Dr. Suite B | Powhatan, Virginia 23139-8061
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com



SanAir ID Number
20051579
FINAL REPORT
9/16/2020 6:05:21 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Watters
Collected Date: 9/11/2020
Received Date: 9/16/2020 11:20:00 AM

Dear John Carbone,

We at SanAir would like to thank you for the work you recently submitted. The 67 sample(s) were received on Wednesday, September 16, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): 1, 2, 3, 4, 5A, 5B, 6A, 6B, 7, 8, 9, 10, 11, 11B, 12, 14A, 14B, 15, 16, 17A, 17B, 18A, 18B, 19A, 19B, 20A, 20B, 21A, 21B, 22A, 22B, 23, 24A, 24B, 25A, 25B, 26A, 26B, 27A, 27B, 28, 29, 30A, 30B, 31A, 31B, 32A, 32B, 34A, 34B, 36A, 36B, 37A, 37B, 39A, 39B, 39C, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is written in a cursive, flowing style.

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 67 samples in Good condition.



SanAir ID Number
20051579
FINAL REPORT
9/16/2020 6:05:21 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Watters
Collected Date: 9/11/2020
Received Date: 9/16/2020 11:20:00 AM

Analyst: Tallert, Jonathan | Pisula, Nicholas | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1 / 20051579-001 Ext Window Caulk	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile ✓
2 / 20051579-002 Ext Window Glaze	White Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
3 / 20051579-003 Ext Window Glaze	White Non-Fibrous Homogeneous		100% Other	None Detected
4 / 20051579-004 Ext Window Caulk	Tan Non-Fibrous Homogeneous		98% Other	2% Chrysotile ✓
5A / 20051579-005 Ext Angled Soffit Plaster-Ground	Grey Non-Fibrous Homogeneous		100% Other	None Detected
5B / 20051579-006 Ext Angled Soffit Plaster-Ground	White Non-Fibrous Homogeneous		100% Other	None Detected
6A / 20051579-007 Ext Angled Soffit Plaster-Above 2nd Floor	Grey Non-Fibrous Homogeneous		100% Other	None Detected
6B / 20051579-008 Ext Angled Soffit Plaster-Above 2nd Floor	White Non-Fibrous Homogeneous		100% Other	None Detected
7 / 20051579-009 Ext Entry-Fixed Window Glass Glaze	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
8 / 20051579-010 Ext-Window Glaze	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number
20051579
FINAL REPORT
9/16/2020 6:05:21 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Watters
Collected Date: 9/11/2020
Received Date: 9/16/2020 11:20:00 AM

Analyst: Tallert, Jonathan | Pisula, Nicholas | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
9 / 20051579-011 Ext Window Caulk	Tan Non-Fibrous Homogeneous		98% Other	2% Chrysotile ✓
10 / 20051579-012 Ext-Vent Caulk	Tan Non-Fibrous Homogeneous		98% Other	2% Chrysotile ✓
11 / 20051579-013 12" VCT	Grey Non-Fibrous Homogeneous		100% Other	None Detected
11B / 20051579-014 Mastic For 11A	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
12 / 20051579-015 Tile Layer Under #11A, Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected
12 / 20051579-015 Tile Layer Under #11A, Leveling Compound	Grey Non-Fibrous Homogeneous		100% Other	None Detected
12 / 20051579-015 Tile Layer Under #11A, Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected
14A / 20051579-016 Wall Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
14B / 20051579-017 Wall Plaster	White Non-Fibrous Homogeneous		100% Other	None Detected
15 / 20051579-018 Int. Window Sill	Black Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number
20051579
FINAL REPORT
9/16/2020 6:05:21 PM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Watters
Collected Date: 9/11/2020
Received Date: 9/16/2020 11:20:00 AM

Analyst: Tallert, Jonathan | Pisula, Nicholas | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
16 / 20051579-019 Int Window Glaze Betw. Glass/ Frame	Beige Non-Fibrous Homogeneous		98% Other	2% Chrysotile ✓
17A / 20051579-020 9" VAT	Tan Non-Fibrous Homogeneous		95% Other	5% Chrysotile
17B / 20051579-021 Mastic For 17A	Black Non-Fibrous Homogeneous		100% Other	None Detected
18A / 20051579-022 Counter	Red Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
18B / 20051579-023 Backing On 18A, Backing	Various Fibrous Homogeneous	70% Cellulose	30% Other	None Detected
18B / 20051579-023 Backing On 18A, Adhesive	Brown Non-Fibrous Homogeneous		100% Other	None Detected
19A / 20051579-024 Ceramic KT (1" X 1")	Beige Non-Fibrous Homogeneous		100% Other	None Detected
19B / 20051579-025 Mortar For 19A	Grey Non-Fibrous Homogeneous		100% Other	None Detected
20A / 20051579-026 Ceramic Wall Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
20B / 20051579-027 Mortar For 20A	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020



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Analyst: Tallert, Jonathan | Pisula, Nicholas | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
21A / 20051579-028 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
21B / 20051579-029 Plaster	White Non-Fibrous Homogeneous		100% Other	None Detected
22A / 20051579-030 TSI Lagg Insul	Grey Fibrous Homogeneous	5% Cellulose	40% Other	55% Chrysotile
22B / 20051579-031 TSI Lagg Insul	Grey Fibrous Homogeneous	5% Cellulose	40% Other	55% Chrysotile
23 / 20051579-032 TSI Fitting Insul	Grey Fibrous Heterogeneous	10% Cellulose	45% Other	45% Chrysotile
24A / 20051579-033 9" FT	Green Non-Fibrous Homogeneous		97% Other	3% Chrysotile
24B / 20051579-034 Mastic For 24A	Black Non-Fibrous Homogeneous		100% Other	None Detected
25A / 20051579-035 9" VAT	Grey Non-Fibrous Homogeneous		95% Other	5% Chrysotile
25B / 20051579-036 Mastic For 25A	Black Non-Fibrous Homogeneous		100% Other	None Detected
26A / 20051579-037 FT	Tan Non-Fibrous Homogeneous		95% Other	5% Chrysotile

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

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Analyst: Tallert, Jonathan | Pisula, Nicholas | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
26B / 20051579-038 Mastic For 26A	Black Non-Fibrous Homogeneous		100% Other	None Detected
27A / 20051579-039 Floor Tile	Blue Non-Fibrous Homogeneous		100% Other	None Detected
27B / 20051579-040 Mastic For 27A	Black Non-Fibrous Homogeneous		100% Other	None Detected
28 / 20051579-041 Plaster	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
29 / 20051579-042 Pipe Insul (Air Cell)	Grey Fibrous Homogeneous	5% Cellulose	40% Other	55% Chrysotile
30A / 20051579-043 12" VCT	Beige Non-Fibrous Homogeneous		100% Other	None Detected
30B / 20051579-044 Mastic For 30A	Various Non-Fibrous Heterogeneous		100% Other	None Detected
31A / 20051579-045 FT	Maroon Non-Fibrous Homogeneous		100% Other	None Detected
31B / 20051579-046 Mastic For 31A	Various Non-Fibrous Heterogeneous		100% Other	None Detected
32A / 20051579-047 12" VCT	Beige Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020



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PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Watters
Collected Date: 9/11/2020
Received Date: 9/16/2020 11:20:00 AM

Analyst: Tallert, Jonathan | Pisula, Nicholas | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
32B / 20051579-048 Mastic For 32A	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
34A / 20051579-049 9" VCT	Red Non-Fibrous Homogeneous		95% Other	5% Chrysotile ✓
34B / 20051579-050 Mastic For 34A	Various Non-Fibrous Heterogeneous		100% Other	None Detected
36A / 20051579-051 FT	Tan Non-Fibrous Homogeneous		95% Other	5% Chrysotile ✓
36B / 20051579-052 Mastic For 36A	Black Non-Fibrous Homogeneous		100% Other	None Detected
37A / 20051579-053 FT	Pink Non-Fibrous Heterogeneous		95% Other	5% Chrysotile ✓
37B / 20051579-054 Mastic For 37A	Black Non-Fibrous Heterogeneous		100% Other	None Detected
39A / 20051579-055 2 X 4 CT	White Fibrous Heterogeneous	60% Cellulose 20% Glass 10% Min. Wool	10% Other	None Detected
39B / 20051579-056 2 X 4 CT	White Fibrous Heterogeneous	60% Cellulose 20% Glass 10% Min. Wool	10% Other	None Detected
39C / 20051579-057 2 X 4 CT	White Fibrous Heterogeneous	60% Cellulose 20% Glass 10% Min. Wool	10% Other	None Detected

Analyst:

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Project Number: 20-207
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Analyst: Tallert, Jonathan | Pisula, Nicholas | Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
40 / 20051579-058 Window Sill Slate	Black Non-Fibrous Heterogeneous		100% Other	None Detected
41 / 20051579-059 Material (Partical Bd) Behind Heaters	Brown Fibrous Heterogeneous	95% Cellulose	5% Other	None Detected
42 / 20051579-060 Ceiling Plaster/ Cements	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
43 / 20051579-061 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected
44 / 20051579-062 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected
45 / 20051579-063 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected
46 / 20051579-064 Ext. Brick	Red Non-Fibrous Heterogeneous		100% Other	None Detected
47 / 20051579-065 Mortar On Brick	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
48 / 20051579-066 Ext Brick-Platt	Red Non-Fibrous Heterogeneous		100% Other	None Detected
49 / 20051579-067 Mortar From Brick	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

Analyst:

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020

Disclaimer

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Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications

NVLAP lab code 200870-0

City of Philadelphia: ALL-460

PA Department of Environmental Protection Number: 68-05397

California License Number: 2915

Colorado License Number: AL-23143

Connecticut License Number: PH-0105

Massachusetts License Number: AA000222

Maine License Number: LB-0075, LA-0084

New York ELAP lab ID: 11983

Rhode Island License Number: PCM00126, PLM00126, TEM00126

Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia 3333000323

Washington State License Number: C989

West Virginia License Number: LT000616

Vermont License: AL166318

Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020



1551 Oakbridge Dr. STE B
Powhatan, VA 23139
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

WATERS
Asbestos
Chain of Custody
Form 140, Rev 3, 8/28/19

SanAir ID Number

20051579

Company: VORTEX INC.	Project #: 20-207	Collected by: CARBONE
Address: P.O. BOX 6060	Project Name: WATERS	Phone #: 401-640-9331
City, St., Zip: WARWICK, RI 02887	Date Collected: 9/11/20	Fax #: 401-738-7869
State of Collection: RI	Account#: _____	P.O. Number: _____
		Email: jcvortex@gmail.com

Bulk		Air		Soil	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	Vermiculite & Soil	
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABBIK	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABBN	PLM EPA NOB** <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBCH	TEM Chatfield** <input type="checkbox"/>	Other:	<input type="checkbox"/>	Dust	
ABBTM	TEM EPA NOB** <input type="checkbox"/>	New York ELAP		ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
ABQ	PLM Qualitative <input type="checkbox"/>	ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>		
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		
				Matrix	Other <input type="checkbox"/>

** Available on 24-hr. to 5-day TAT

Water	ABHE	EPA 100.2 <input type="checkbox"/>
-------	------	------------------------------------

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input checked="" type="checkbox"/>	1 Day <input type="checkbox"/>
	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 5 Days

Special Instructions	
----------------------	--

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start -- Stop Time*
1	EXT WINDOW CAULK				
2	EXT WINDOW GLAZE				
3	EXT. WINDOW GLAZE GLAZE				
4	EXT. WINDOW CAULK				
5A	EXT ANGLED SOFFIT PLASTER - GROUND LEVEL				
5B	" "				
6A	" " - ABOVE 2ND FLOOR				
6B	" "				
7	ENT ENTRY - FIXED WINDOW GLASS GLAZE				
8	EXT. - WINDOW GLAZE - LARGE				
9	EXT. WINDOW CAULK				
10	EXT - VENT CAULK				

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	9/11		<i>[Signature]</i>	9/16/20	11:20am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
11A	12" VCT				
11B	MASTEC FOR 11A (YELLOW)				
12	THIN TILE LAYER UNDER #11A				
14A	WALL PLASTER				
14B	WALL PLASTER				
15	INT. WINDOW SILL (BLACK)				
16	INT. WINDOW GLAZE BETW. GLASS/FRAME				
17A	9" VAT				
17B	MASTEC FOR 17A (BLACK)				
18A	RED COUNTER				
18B	BACKING ON 18A				
19A	CERAMIC F. T. (1" x 1")				
19B	MORTAR FOR 19A				
20A	CERAMIC WALL TILE				
20B	MORTAR FOR 20A				
21A	PLASTER				
21B	PLASTER				
22A	TSI LEEG INSUL				
22B	"				
23	TSI FITTING INSUL				
24A	9" GREEN F. T.				
24B	MASTEC FOR 24A (BLACK)				
25A	9" VAT				
25B	MASTEC FOR 25A (YELLOW)				
26A	BLEGE F. T.				
26B	BLACK MASTEC FOR 26A				
27A	LT. BLUE FLOOR TILE				
27B	MASTEC FOR 27A (BLACK)				
28	PLASTER				
29	PIPE INSUL (AIR CELL)				
30A	12" VCT				

Special Instructions	
----------------------	--

Relinquished by	Date	Time	Received by	Date	Time
			CB	9/16/20	11:20am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Page 7 of 3

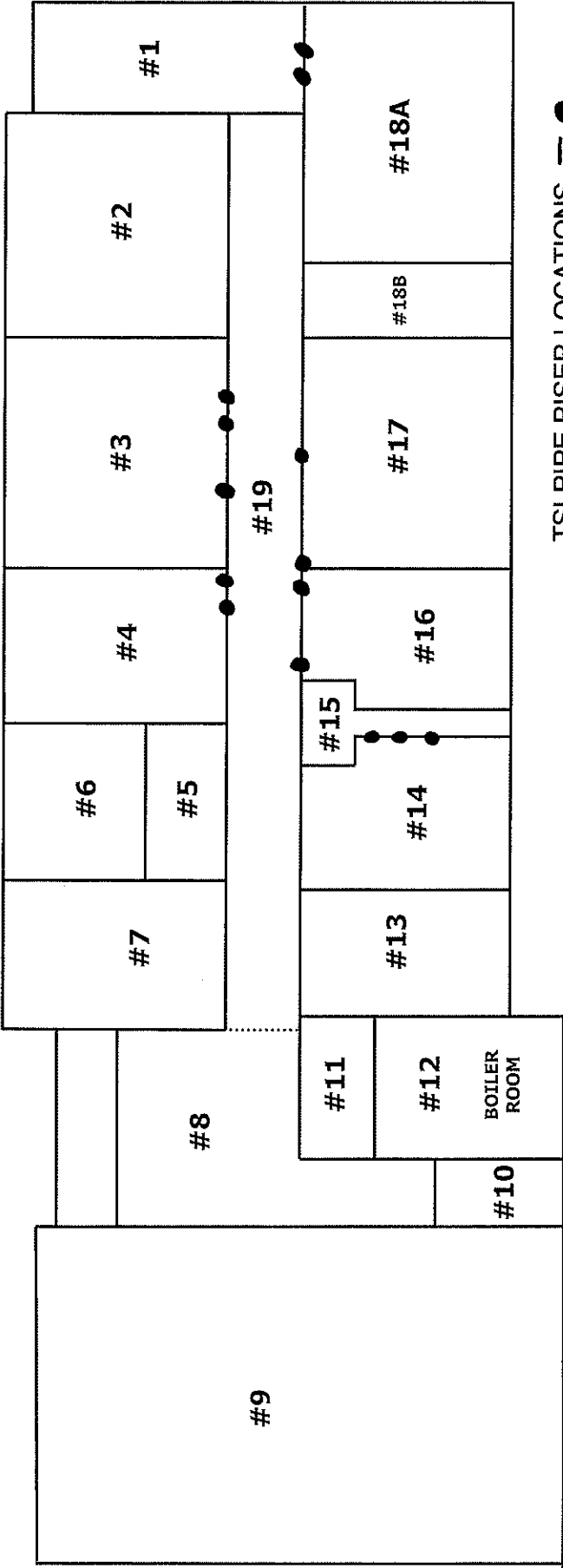
Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
30B	MASTIC FOR 30A (BLACK)				
31A	BURGUNDY F.T.				
31B	MASTIC FOR 31A (BLACK)				
32A	12" VCT - LT. BROWN				
32B	MASTIC FOR 32A (YELLOW)				
34A	9" VCT - RED				
34B	MASTIC FOR 34A				
36A	BROWN F.T.				
36B	MASTIC FOR 36A (BL)				
37A	PINK F.T.				
37B	MASTIC FOR 37A				
39A	2x4 CIT				
B	"				
C	"				
40	WINDOW SILL (BLACK) SLATE?				
41	BACKER MATERIAL (PARTICULAR) BEHIND HEATERS				
42	CEILING PLASTER/CEMENT				
43	JOINT COMPOUND				
44	"				
45	"				
46	EXT. RED BRICK				
47	GREY MORTAR ON BRICK				
48	EXT. RED BRICK - PLAT				
49	GREY MORTAR FROM BRICK				

Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			CS	9/16/20	11:20am

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

INTERIOR ADDED WALLS NOT SHOWN ON DRAWING IN SEVERAL AREAS. THESE WALLS
MUST BE REMOVED PRIOR TO REMOVING FLOOR TILE UNDER DIVIDER WALLS.

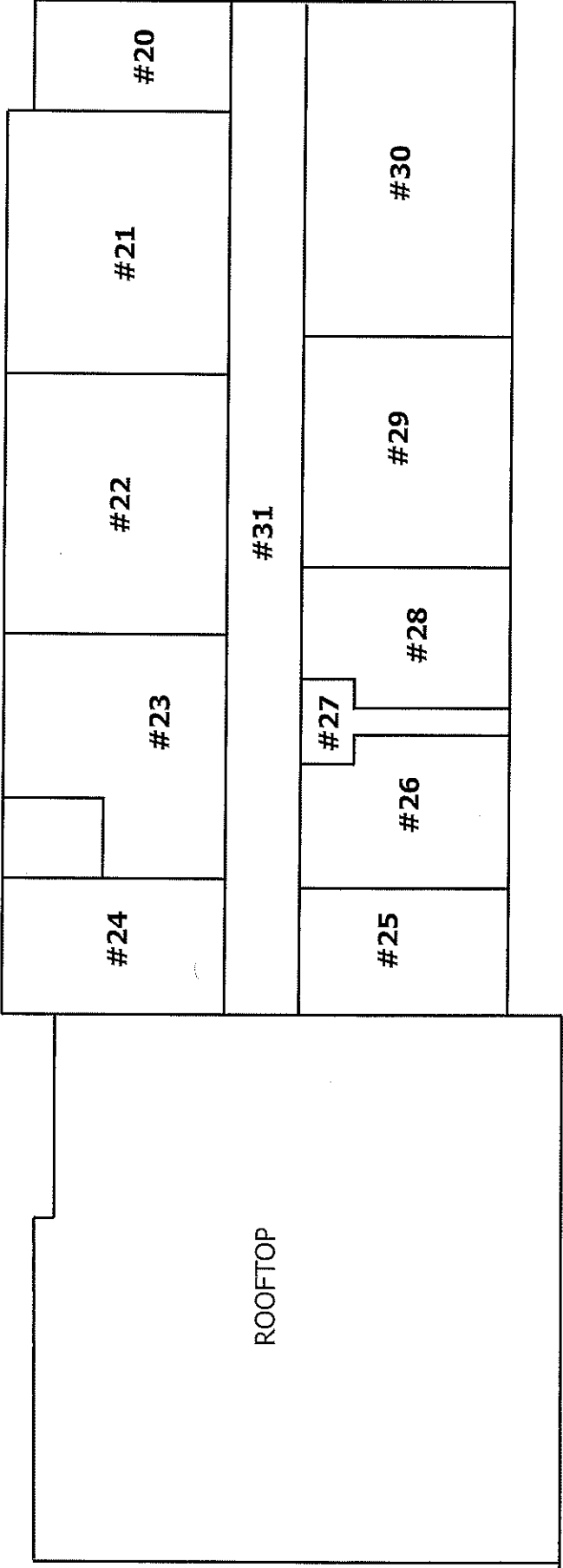


TSI PIPE RISER LOCATIONS —●
THROUGH WALL CAVITIES

TOP VIEW - FIRST / GROUND FLOOR LEVEL
WATTERS SCHOOL

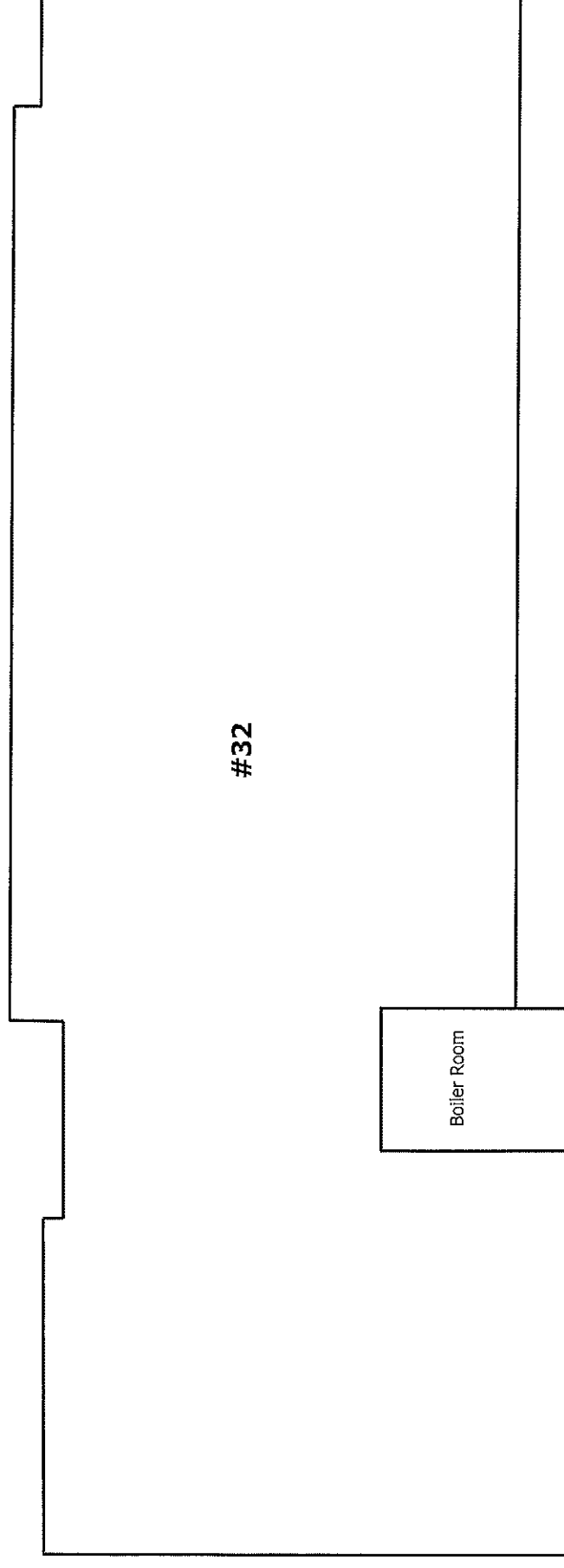
DRAWING A1

INTERIOR ADDED WALLS NOT SHOWN ON DRAWING IN SEVERAL AREAS. THESE WALLS
MUST BE REMOVED PRIOR TO REMOVING FLOOR TILE UNDER DIVIDER WALLS.



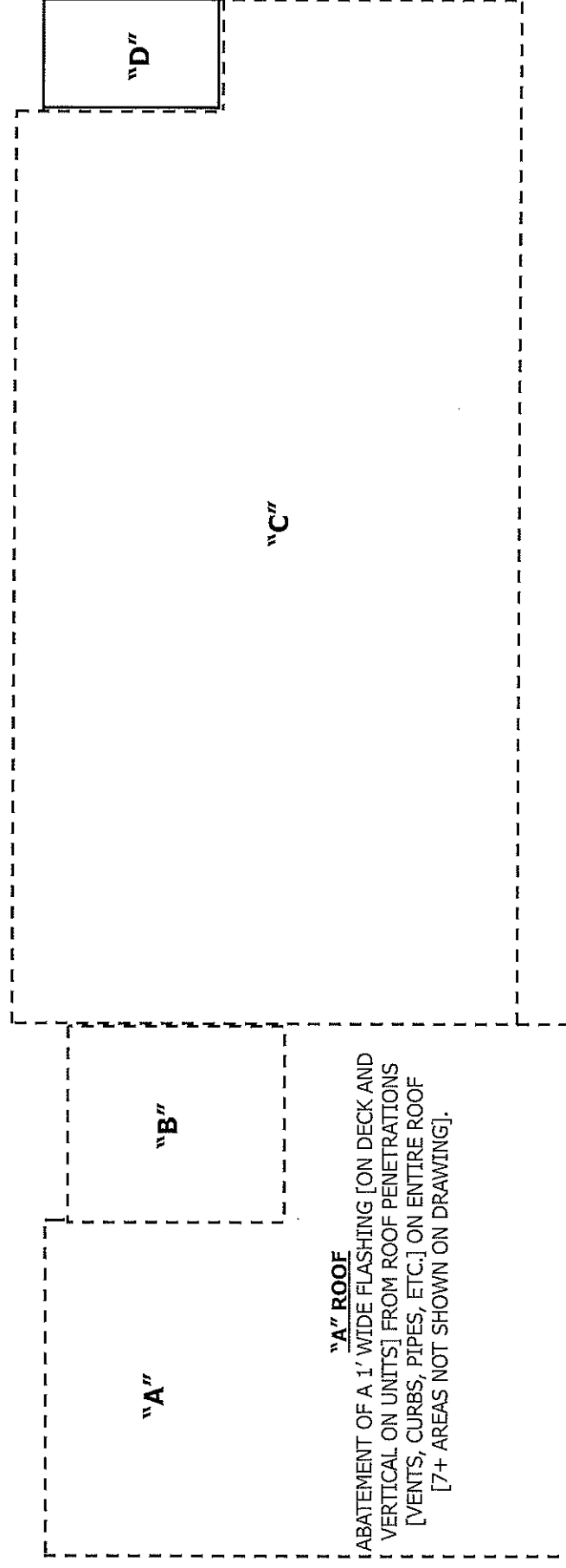
TOP VIEW - SECOND FLOOR LEVEL
WATTERS SCHOOL

DRAWING A2



TOP VIEW - CRAWL SPACE
WATERS SCHOOL

DRAWING A3



"A" ROOF

ABATEMENT OF A 1' WIDE FLASHING [ON DECK AND VERTICAL ON UNITS] FROM ROOF PENETRATIONS [VENTS, CURBS, PIPES, ETC.] ON ENTIRE ROOF [7+ AREAS NOT SHOWN ON DRAWING].

"A", "B" & "C" ROOFS

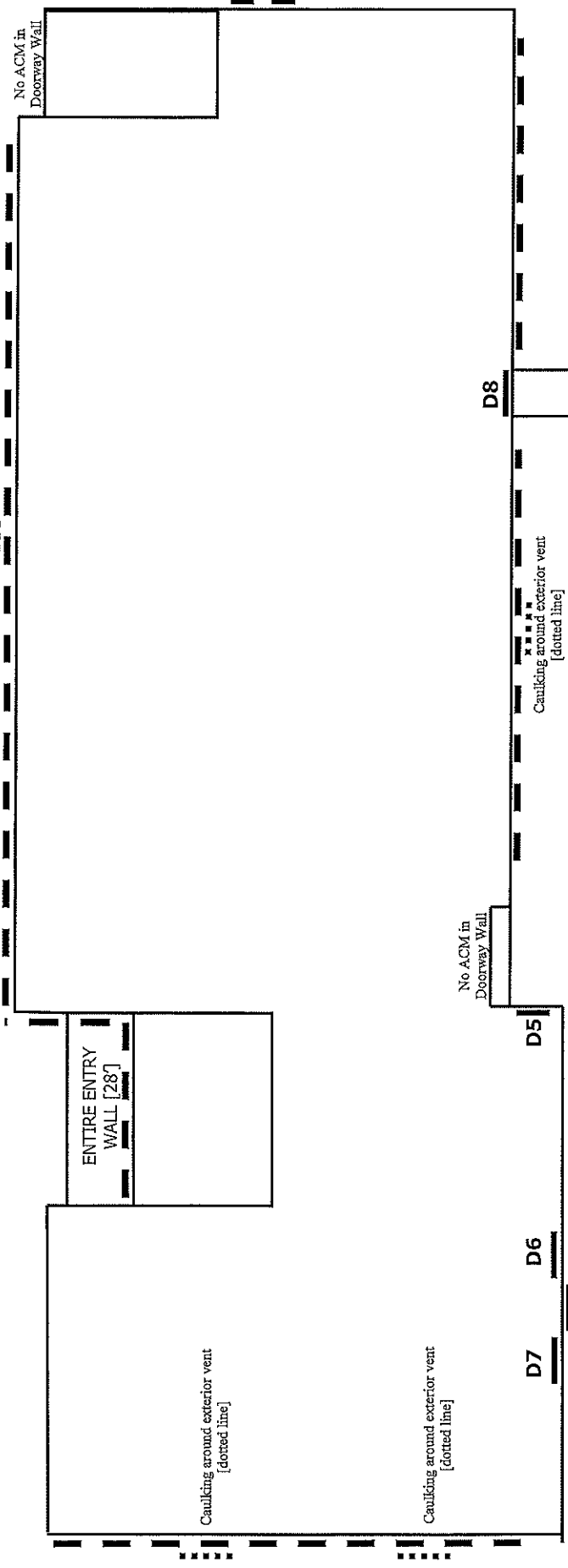
ABATEMENT OF A 1' WIDE STRIP ALONG THE PERIMETER EDGE FLASHING FROM OF ALL 3 AREAS [PERFERATED LINES].

TOP VIEW - ROOF
WATTERS SCHOOL

DRAWING A4

WINDOW LOCATIONS
[DASHED LINES]

Caulking around exterior vent
[dotted line]



ABATEMENT OF WINDOW CAULKING AND GLAZING FROM ALL WINDOWS, CAULKING FROM PERIMETER OF WALL VENTS [4] & DOOR FRAMES [D5-D8] AS LABELED ON ALL SIDES OF THIS BLDG LEVEL.
[THICK DASHED LINES].

DRAWING A5

TOP VIEW - GROUND FLOOR
EXTERIOR WINDOWS / DOORS / VENTS
WATTERS SCHOOL

WINDOW LOCATIONS
[DASHED LINES]

Caulking around exterior vent
[dotted line]

Caulking around exterior vent
[dotted line]

ROOF

ABATEMENT WINDOW CAULKING AND GLAZING FROM ALL WINDOWS, CAULKING FROM PERIMETER
OF WALL VENTS [2] AS LABELED ON ALL SIDES OF THIS BLDG. [THICK DASHED LINES].

DRAWING A6

TOP VIEW - SECOND FLOOR
EXTERIOR WINDOWS / VENTS
WATTERS SCHOOL