COCCIARDI and Associates, Inc.
Risk & Safety Management • Environmental Health
Emergency Preparedness • Safety Engineering
Consulting and Training

March 25, 2020

Mr. Paul Dougherty
Operations Director
Scranton School District
425 North Washington Avenue
Scranton, PA 18503

RE: Asbestos Abatement Project Management and Air Monitoring
Northeast Intermediate School
Cocciardi Project No. 200115

Mr. Dougherty:

The following report is provided to document the Asbestos Project Management and Air Monitoring performed at the District's Northeast Intermediate School, located at 721 Adams Avenue in Scranton, Pennsylvania.

BACKGROUND:

Cocciardi and Associates, Inc. (Cocciardi) is contracted by the Scranton School District to provide various environmental health and safety consultation services for schools across the district. As a part of this contract, Cocciardi was requested to perform project management and air monitoring during abatement of identified Asbestos Containing Material (ACM) at the Northeast Intermediate School. Datom Products (Datom), of Dunmore, Pennsylvania was contracted by the Scranton School District to perform response actions summarized in Tables 1 and 2 and depicted in floor plans in Appendix A.

The scope of work designated for Cocciardi for this project included:

1. Identification of ACM required to be addressed during this project*.
2. Oversight of Datom work practices and engineering controls to confirm compliance with applicable regulations and site requirements.
3. Asbestos air monitoring during work activities to ensure the efficacy of implemented controls and work practices.
4. Performance of a clearance assessment for the regulated work area, including required asbestos air monitoring.

Where applicable, Cocciardi activities were conducted throughout the project in accordance with regulations established by the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA)[1], the U.S. Environmental Protection Agency (EPA)[2] and the Pennsylvania Department of Labor and Industry (PA DOLI). PA DOLI-licensed personnel were utilized by Cocciardi throughout the abatement activities.

*ACM designated for inclusion in this project was based on an onsite assessment by Cocciardi personnel and the District's most recent Asbestos 3-Year Reinspection[3].

According to the EPA, a response action is a method, including removal, encapsulation, enclosure, repair, operations and maintenance, that protects human health and the environment from ACM. Removal is the taking out or the stripping of ACM. Repair is an action that returns damaged ACM to an undamaged condition or to an intact state so as to prevent fiber release.

Table 1
Asbestos Scope of Work: Removal
Scranton School District: Northeast Intermediate
February-March 2020

Location	Material	Quantity
Basement Fan/Plenum Rooms	Pipe Insulation	75 LF
Room 003	Floor Tile and Mastic	616 SF
Room 019	Pipe Insulation	180 LF
Ground Floor Corridor A	Window Caulking	x5 windows
Room 021	Pipe Insulation	60 LF
Room 023	Pipe Insulation	1 LF
Stage Storage	Pipe Insulation	60 LF
Second Floor Corridor A	Floor Tile and Mastic	1,600 SF
Girl's Locker Room	Pipe Insulation	5 LF
Third Floor Corridor A	Floor Tile and Mastic	1,600 SF
Room 321	Pipe Insulation	5 LF

Table Notes:

LF: Linear Feet
SF: Square Feet

[1] U.S. Department of Labor, OSHA, Washington D.C.: 29 CFR 1910.1001 (Asbestos in General Industry) and 29 CFR 1926.1101 (Asbestos in Construction).
[2] U.S. Environmental Protection Agency: National Emission Standards for Hazardous Air Pollutants, 40CFR61; and, Asbestos Hazard and Emergency Response Act, 40CFR763.
[3] Scranton School District 3-Year Asbestos Re-Inspection Report, Northeast Intermediate School, performed by Guzek Associates, Clarks Summit, PA (August 2019).

Table 2 Asbestos Scope of Work: Other Response Actions Scranton School District: Northeast Intermediate February-March 2020		
Location	**Material**	**Response Action**
Basement Maintenance	Pipe Insulation	Repair of damaged insulation
Cafeteria	Pipe Insulation	Repair x2 fittings
Room 024	Plaster Ceiling Finish	Clean ceiling tiles
Hallway at Room 025	Plaster Ceiling Finish	Patch 2 damaged areas
Room 067	Floor Tile	Repair damaged tiles (4)
Ground Floor Corridor B	Plaster Ceiling Finish	Patch 2 damaged areas
Boy's Locker Room	Pipe Insulation	Repair x2 fittings
Auditorium	Plaster Ceiling Finish	Patch 1 damaged area
Janitor Closet near Room 112	Pipe Insulation	Repair
Room 117	Plaster Ceiling Finish	Repair cracks in ceiling/walls
Room 121	Floor Tile	Repair damaged tiles (13)
First Floor Faculty Lounge	Pipe Insulation	Repair x1 fitting
Room 223	Plaster Ceiling Finish	Repair cracks in ceiling/walls
	Floor Tile	Repair damaged tiles (10)
Room 225	Plaster Ceiling Finish	Repair cracks in ceiling/walls
Room 229	Plaster Ceiling Finish	Repair cracks in wall
Room 315	Floor Tile	Repair damaged tiles (4)
Third Floor English Office	Pipe Insulation	Repair

Table Notes:

LF: Linear Feet
SF: Square Feet

ACTIVITIES:

During the timeframe of February 23 to March 10, 2020 Cocciardi representatives Mr. Douglas Vanbenthuysen (Safety, Health and Environmental Technologist, PA. DOLI License number 060190), Mr. Matthew O'Boyle (Safety, Health and Environmental Technologist, PA DOLI License number 060189), and Mr. Ryan Bowers, MS, CSP (Safety, Health, and Environmental Specialist, PA DOLI License number 057875) performed contractor oversight and asbestos air monitoring at the above-referenced abatement/response actions.

PROJECT OVERSIGHT

During portions of this project, Cocciardi reviewed all engineering controls, work practices and personnel/equipment decontamination procedures implemented by Datom for the active work areas, summarized as follows:

- **Personnel:** Datom utilized PA DOLI-licensed Asbestos Abatement Workers/Supervisors for all regulated activities, as verified by a review of onsite licenses. Refer to Appendix B for a copy of the onsite sign-in sheets with recorded Datom personnel.

- **Engineering Controls:** Datom established a regulated work area in accordance with OSHA Class I, II or III protocols, including construction of critical barriers over walls, windows, doors, penetrations, and supply vents, where applicable, utilizing double 6-mil thick plastic sheeting. Additionally, negative air for the regulated work areas was established for Class I and II work via negative air filtration units equipped with High Efficiency Particulate Air (HEPA) filters. All negative air was exhausted out of exterior windows. Additionally, all entrances to the work areas were demarcated with the required OSHA signage.

  NOTE: Disturbance of ACM was not permitted to initiate until the work areas were approved by Cocciardi. Engineering controls remained in place until clearance air samples meeting site clearance criteria were obtained.

- **Personal Protective Equipment:** Throughout asbestos removal activities, Datom and Cocciardi personnel donned appropriate Personal Protective Equipment (PPE) while occupying the active regulated work area. PPE consisted of half or full-face respirator utilizing a P100 filter, Tyvek coveralls, and work/nitrile gloves.

- **Work Practices:** HEPA-filtered vacuums and wet methods were used during removal of all ACM and cleaning to minimize fiber release. Thermal system insulation (TSI) removal was conducted via individual glove bags in accordance with OSHA required protocols. Floor tiles were removed manually, while associated mastic was removed either through physical removal of the underlying substrate or chemical means. Asbestos-rated products were used for patching and repair of TSI and acoustical ceiling finish. Once the ACM was removed, the material was placed or wrapped in double lined 6-mil ACM bags, polyethylene sheeting and properly sealed before being transported offsite in the Datom vehicle. Cocciardi did not identify visible emissions resulting from asbestos abatement throughout the project. Decontamination practices for equipment and personnel were identified as adequate. Final cleaning of each work area included HEPA vacuuming and wet wiping of all surfaces.

- **Waste:** All regulated waste was double-bagged in industry asbestos bags, double lined 6-mil wrapping, evacuated, labeled, and sealed prior to transfer into the waste transport vehicle. Materials were observed in a wetted condition during placement into bags. Bags were cleaned prior to removal from the work area.

Daily checklists outlining contractor work practices are attached in Appendix C.

Perimeter/During Work Air Monitoring

During active abatement activities, Cocciardi collected asbestos air samples outside of the work areas to document the efficiency of worksite controls and practices. Air samples were collected in accordance with PCM methodologies, per National Institute for Occupational Safety and Health (NIOSH) Method 7400[4]. All samples were analyzed by EMSL Analytical, Inc.

[4] NIOSH Manual of Analytical Methods, Fourth Edition: Asbestos Fibers by Phase Contrast Microscopy (PCM); Method 7400, Issue 2; April 3, 2019; U.S. Department of Health and Human Services.

Field blanks were collected in accordance with standard industry practices. Analytical results of the samples did not indicate the necessity for blank sample correction.

Results were compared to the following criteria:

1. EPA "Clean Air" Criteria of 0.01 fibers per cubic centimeter (f/cc) of air
2. OSHA Permissible Exposure Limit (PEL) of 0.1 f/cc of air

A summary of analytical results from all during work/perimeter sampling performed on this project is provided in Table 3. Refer to Appendix D for copies of laboratory analytical reports and chain of custody forms, in addition to laboratory accreditation information.

Table 3
Perimeter Air Sample Results: Asbestos in Air via PCM
Scranton School District: Northeast Intermediate
February-March 2020

Date	Sample ID	Location	Analytical Results
2/24/2020	NE-200224-1	Hallway outside Room 003	<0.0067 f/cc
	NE-200224-2	Room 005	<0.0067 f/cc
2/27/2020	NE-200227-1	Decontamination Area by Stairwell 2B	<0.0039 f/cc
	NE-200227-2	Outside of Room 117	<0.0039 f/cc
	NE-200227-3	Stairwell 2A	<0.0039 f/cc
2/28/2020	NE-200228-1	Decontamination Area by Stairwell 2B	<0.0037 f/cc
	NE-200228-2	Hallway outside Room 215	<0.0037 f/cc
	NE-200228-3	Stairwell 2A	<0.0037 f/cc
3/2/2020	NE-200302-1	Hallway outside Stairwell 2B	<0.0036 f/cc
	NE-200302-2	Hallway outside Room 214	<0.0036 f/cc
	NE-200302-3	Stairwell 2A	<0.0036 f/cc
3/4/2020	NE-200304-1	Hallway by Stairwell 3B	0.0034 f/cc
	NE-200304-2	Hallway outside Room 321	0.0034 f/cc
	NE-200304-3	Stairwell 3A	<0.0031 f/cc
3/5/2020	NE-200305-1	Hallway by Stairwell 3B	<0.0031 f/cc
	NE-200305-2	Stairwell 2A	<0.0031 f/cc
3/6/2020	NE-200306-14	Maintenance Room	<0.0039 f/cc
	NE-200306-15	Decontamination Area outside Boiler Room	<0.0039 f/cc
3/9/2020	NE-200309-1	Maintenance Room	0.0084 f/cc

Table Notes:

f/cc: Fibers per cubic centimeter
<: Below method limit of detection

Clearance Assessments

Completeness of the abatement in each work area was determined by Cocciardi based on the removal of all identified ACM from surfaces and building components identified in the project work scope, and the absence of any dust/debris determined by visual inspection within the regulated work areas.

After the visual inspections for the work areas were complete, Cocciardi collected asbestos air samples both inside and outside of the work areas to document the efficiency of worksite controls and practices. Air samples were collected in accordance with EPA Asbestos Hazard Emergency Response Act (AHERA) requirements:

- TEM[5] air sampling was performed for work areas at or above the 160 SF or 260 LF threshold.

- PCM air sampling was performed for all work areas below the 160 SF or 260 LF threshold.

PCM sampling was conducted per the above-referenced NIOSH Method 7400. TEM air sampling was conducted in accordance with AHERA requirements, including:

1. Collection of a minimum of five (5) samples inside each work area
2. Collection of five (5) samples outside the work area
3. Collection of three (3) laboratory/field blanks per area
4. Use of aggressive air sampling (leaf blower)

Results were compared to the following criteria:

- PCM: EPA “Clean Air” Criteria of 0.01 f/cc
- TEM: <70 asbestos structures per square millimeter (S/mm^2)

In the event a work area did not meet project criteria, Datom completed a recleaning of the entire work area using a HEPA vacuum-wet cleaning-HEPA vacuum cycle. A second round of clearance air samples was subsequently performed. Throughout the duration of the recleaning process, the work area protective measures and controls remained in place.

All samples were analyzed by EMSL Analytical, Inc. A summary of analytical results from all clearance sampling performed on this project is provided in Tables 4 and 5. Refer to Appendix D for copies of laboratory analytical reports and chain of custody forms, in addition to laboratory accreditation information.

[5] U.S. Environmental Protection Agency: Asbestos Hazard and Emergency Response Act, 40CFR763- Appendix A to Subpart E-Transmission Electron Microscopy Analytical Methods.

Table 4
Clearance Air Sample Results: Asbestos in Air via PCM
Northeast Scranton Intermediate School
Scranton School District: Northeast Intermediate
February-March 2020

Date	Sample ID	Sample Location	Analytical Results
3/5/2020	NE-200305-3	Room 321	<0.0022 f/cc
	NE-200305-4	Room 321	<0.0022 f/cc
	NE-200305-5	Room 321	<0.0022 f/cc
	NE-200305-6	Room 321	<0.0021 f/cc
	NE-200305-7	Room 321	<0.0021 f/cc
3/5/2020	NE-200305-10	2nd Floor Girls Locker Room	0.0287 f/cc[1]
	NE-200305-11	2nd Floor Girls Locker Room	0.0034 f/cc
	NE-200305-12	2nd Floor Girls Locker Room	0.0203 f/cc[1]
	NE-200305-13	2nd Floor Girls Locker Room	0.0243 f/cc[1]
	NE-200305-14	2nd Floor Girls Locker Room	0.0213 f/cc[1]
3/9/2020	NE-200309-1	2nd Floor Girls Locker Room	<0.0022 f/cc[2]
	NE-200309-1	2nd Floor Girls Locker Room	<0.0022 f/cc[2]
	NE-200309-1	2nd Floor Girls Locker Room	<0.0022 f/cc[2]
	NE-200309-1	2nd Floor Girls Locker Room	<0.0022 f/cc[2]
	NE-200309-1	2nd Floor Girls Locker Room	<0.0022 f/cc[2]
3/10/2020	NE-200310-1	Plenum 1 – Fan Room (Right Duct)	<0.0022 f/cc
	NE-200310-2	Plenum 1 – Fan Room (Right Duct)	<0.0022 f/cc
	NE-200310-3	Plenum 1 – Fan Room (Left Duct)	<0.0022 f/cc
	NE-200310-4	Plenum 1 – Fan Room (Left Duct)	<0.0022 f/cc
	NE-200310-5	Plenum 1 – Fan Room (Left Duct)	<0.0022 f/cc

Table Notes:

f/cc: Fibers per cubic centimeter
<: Below method limit of detection
1: Initial results exceeding EPA clean air criteria
2: Second round collected after recleaning

Table 5
Clearance Air Sample Results: Asbestos in Air via TEM
Northeast Scranton Intermediate School
Scranton School District: Northeast Intermediate
February-March 2020

Date	Sample ID	Sample Location	Analytical Results
2/26/2020	NE-200226-1	Room 003	<15 S/mm^2
	NE-200226-2	Room 003	<15 S/mm^2
	NE-200226-3	Room 003	<15 S/mm^2
	NE-200226-4	Room 003	<15 S/mm^2
	NE-200226-5	Room 003	<15 S/mm^2
2/26/2020	NE-200226-19	Chorus Room	<15 S/mm^2
	NE-200226-20	Chorus Room	<15 S/mm^2
	NE-200226-21	Chorus Room	<15 S/mm^2
	NE-200226-22	Stage Storage Room	<15 S/mm^2
	NE-200226-23	Stage Storage Room	<15 S/mm^2
2/26/2020	NE-200226-24	Room 21	<15 S/mm^2
	NE-200226-25	Room 21	<15 S/mm^2
	NE-200226-26	Room 19	15 S/mm^2
	NE-200226-27	Room 19	<15 S/mm^2
	NE-200226-28	Room 19	<15 S/mm^2
3/3/2020	NE-200303-6	Second Floor – Corridor A	15 S/mm^2
	NE-200303-7	Second Floor – Corridor A	<15 S/mm^2
	NE-200303-8	Second Floor – Corridor A	<15 S/mm^2
	NE-200303-9	Second Floor – Corridor A	<15 S/mm^2
	NE-200303-10	Second Floor – Corridor A	<15 S/mm^2
3/6/2020	NE-200306-6	Third Floor – Corridor A	15 S/mm^2
	NE-200306-7	Third Floor – Corridor A	15 S/mm^2
	NE-200306-8	Third Floor – Corridor A	<15 S/mm^2
	NE-200306-9	Third Floor – Corridor A	15 S/mm^2
	NE-200306-10	Third Floor – Corridor A	15 S/mm^2

Table Notes:

S/mm^2: Asbestos Structures Per Square Millimeter
<: Below method limit of detection

CONCLUSIONS:

C-1: Between February 23 and March 10, 2020, Datom removed or repaired specified ACM from the Northeast Scranton Intermediate School. As observed by Cocciardi, all work was performed in accordance with referenced Federal (OSHA, EPA) and Pennsylvania (PA DOLI/DEP) requirements.

C-2: During regulated removal activities, Cocciardi performed perimeter asbestos air monitoring via PCM methodologies to document the efficiency of engineering and work practice controls implemented by Datom. All air samples collected and analyzed as a part of this project indicated that the above controls were efficient (i.e. all analytical results were below criteria established by OSHA and EPA).

C-3: The clearance assessments performed for each respective work area at the conclusion of removal identified (1) All accessible ACM was removed; (2) Dust/debris was not present; and, (3) TEM/PCM air samples were below site clearance criteria. Upon receipt of analytical results, Cocciardi notified Datom and Scranton School District representatives. The clearance event performed on March 5, 2020 identified airborne fiber concentrations above the EPA's clean air criteria in the second-floor girls locker room. Upon receipt of these results, Datom was instructed to reclean the area before another clearance event was performed. The area remained under negative pressure until analytical results met site clearance criteria.

C-4: No abnormal incidents or accidents occurred during the aforementioned activities.

RECOMMENDATIONS:

R-1: Update or amend the facility's Asbestos Management Plan and Inventory to identify abated materials.

R-2: The waste manifest for transported/disposed asbestos waste generated from this project should be maintained by the owner for a minimum of three (3) years from the date of disposal.

R-3: This report is required to be maintained indefinitely per the Pennsylvania Right-to-Know Act, 34 PA Code Chapter 301-323 Medical Recordkeeping Requirements.

CERTIFICATION:

The information contained in this report is believed to be accurate and true to the best knowledge of the inspector(s). Findings and recommendations for this investigation are based on the observations of the conditions, as they existed at that time. The inspector(s) and Cocciardi and Associates, Inc. assumes no liability for financial or health consequences due to actions or lack of actions taken by the client as a result of this inspection.

Sincerely,

Michael Baltrusaitis, CHMM, CSP
Senior Professional- Operations
Cocciardi and Associates, Inc.

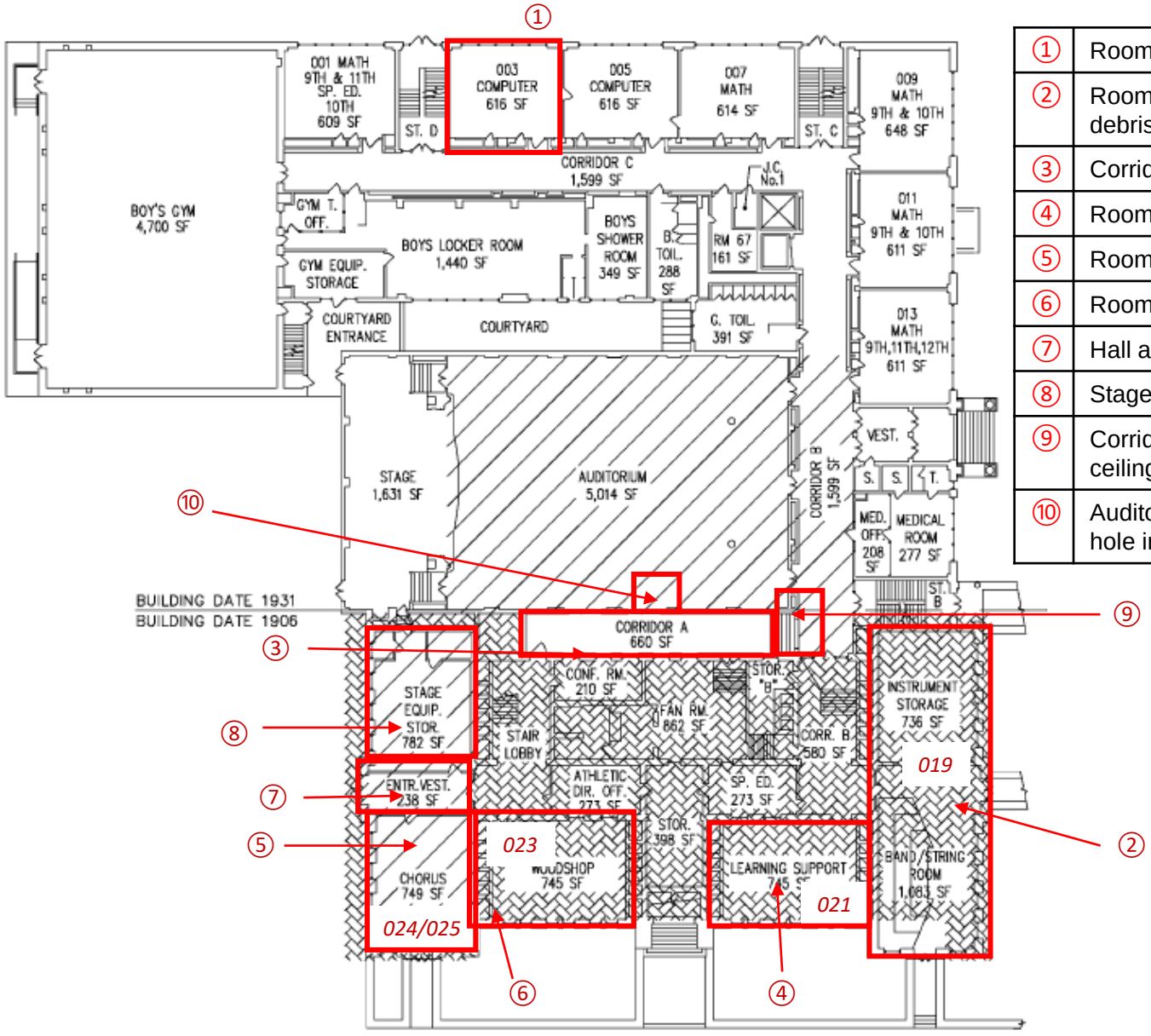
Douglas Vanbenthuysen
Safety, Health and Environmental Technologist
Cocciardi and Associates, Inc.

cc: File

Attachments

APPENDIX A

Floor Plans



①	Room 003, floor tile/mastic (616 SF)
②	Room 019, pipe insulation (180 LF), clean debris on ceiling tiles
③	Corridor A, window caulking (x5 windows)
④	Room 021, pipe insulation (60 LF)
⑤	Room 024, clean debris on ceiling tiles
⑥	Room 023, pipe insulation (1 LF in cavity)
⑦	Hall at 025, patch x2 spots in ceiling
⑧	Stage Storage, pipe insulation (60 LF)
⑨	Corridor B at Auditorium, patch x2 holes in ceiling
⑩	Auditorium, left side at 7th row, patch x1 hole in ceiling

Scranton School District
Scranton ▪ Pennsylvania

Northeast Intermediate
Response Actions 23 Feb 2020
CAI No. 200115

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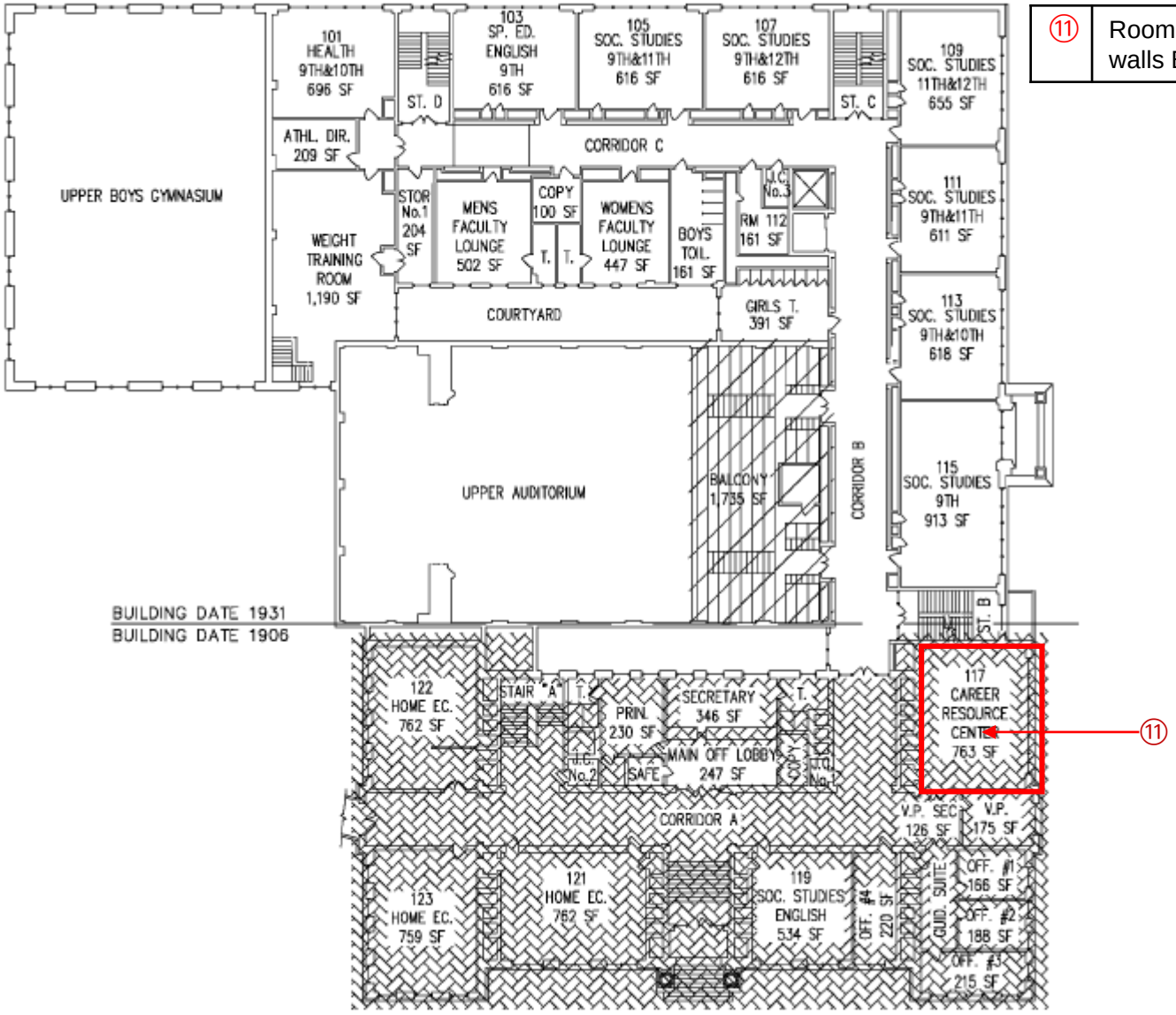
Ground Floor



⑪	Room 117, repair cracks on ceiling and walls B & D

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Northeast Intermediate
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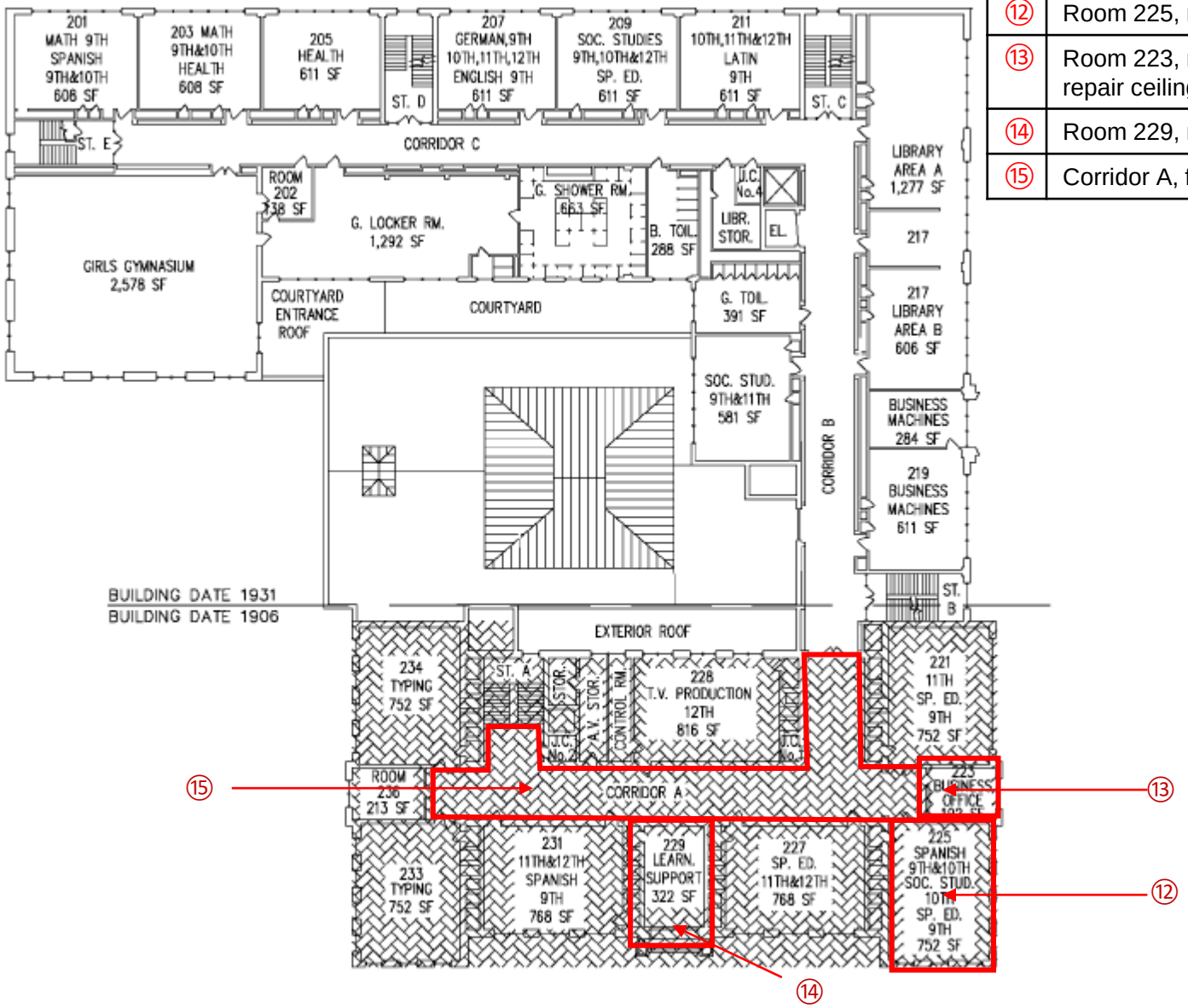
First Floor



⑫	Room 225, repair cracks in ceiling & wall B
⑬	Room 223, repair damaged floor tile (x10), repair ceiling holes, cracks in walls B & D
⑭	Room 229, repair cracks in wall B
⑮	Corridor A, floor tile/mastic (1,600 SF)

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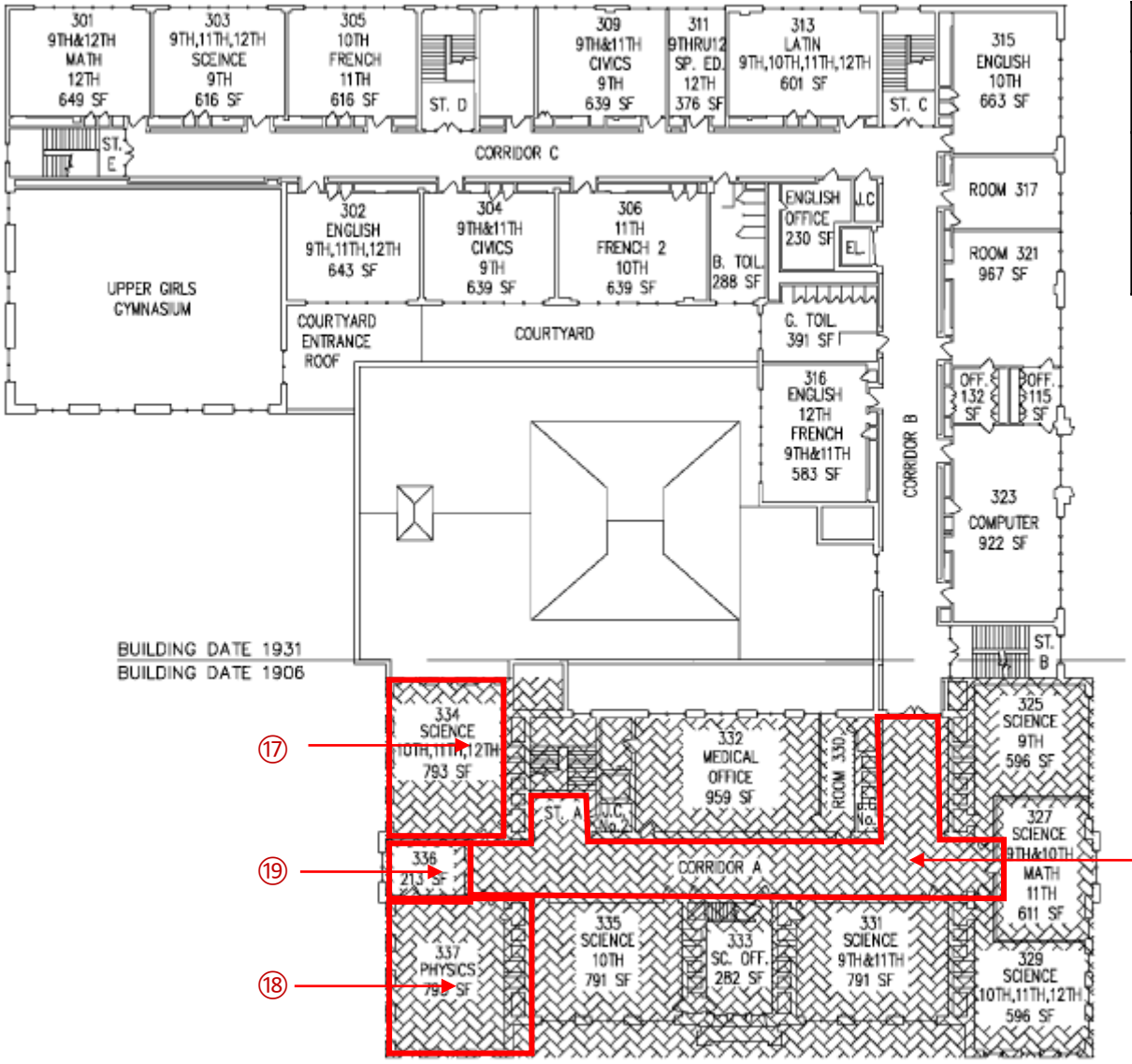
Second Floor



⑯	Corridor A, floor tile/mastic (1600 SF)
⑰	Room 334, repair heavy damage to walls, ceiling
⑱	Room 337, repair heavy damage to walls, ceiling
⑲	Room 336, repair heavy damage to walls, ceiling

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Response Actions 23 Feb 2020
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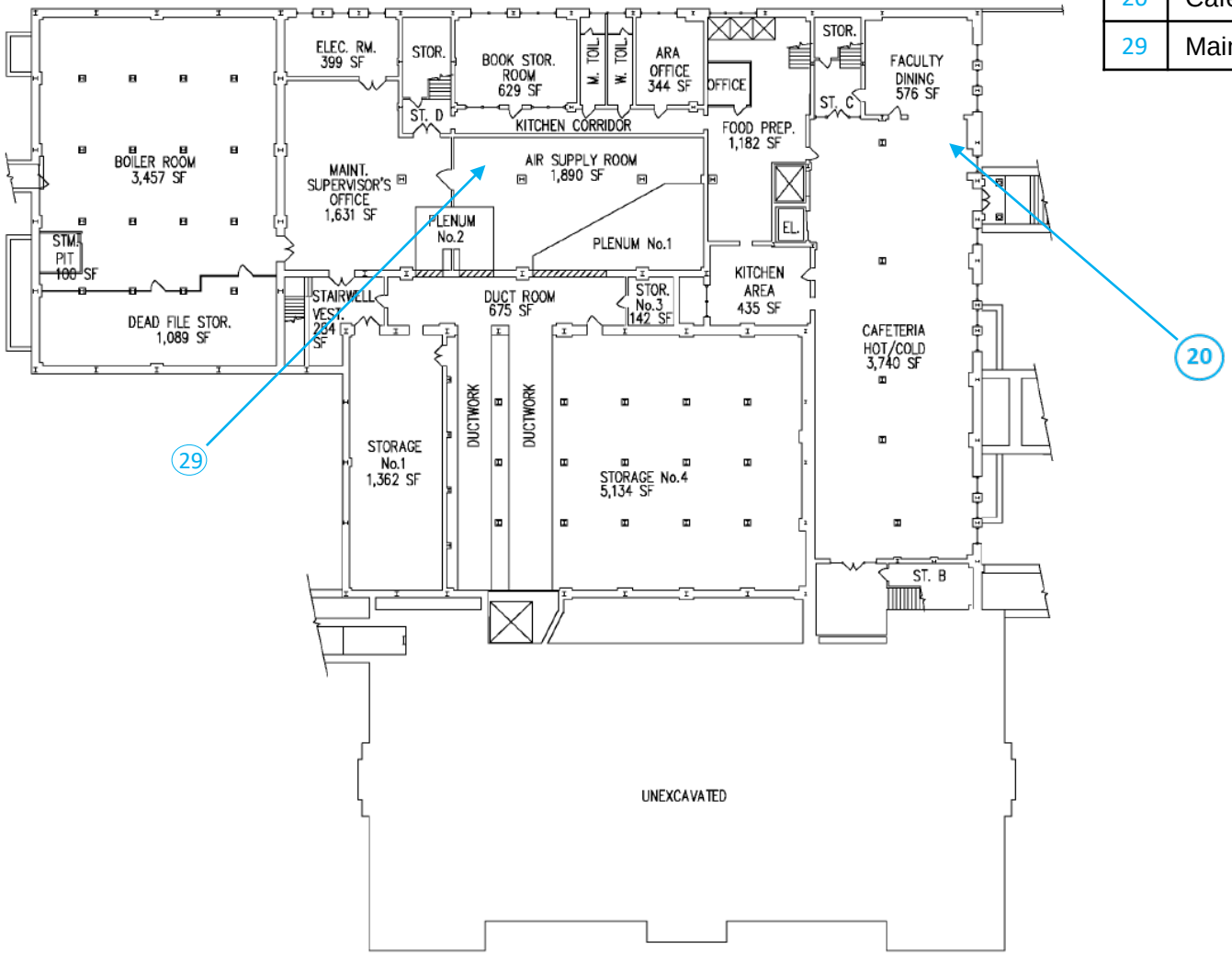
Third Floor

20	Cafeteria, patch cracks in x2 fittings
29	Maintenance, repair TSI



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Response Actions 23 Feb 2020
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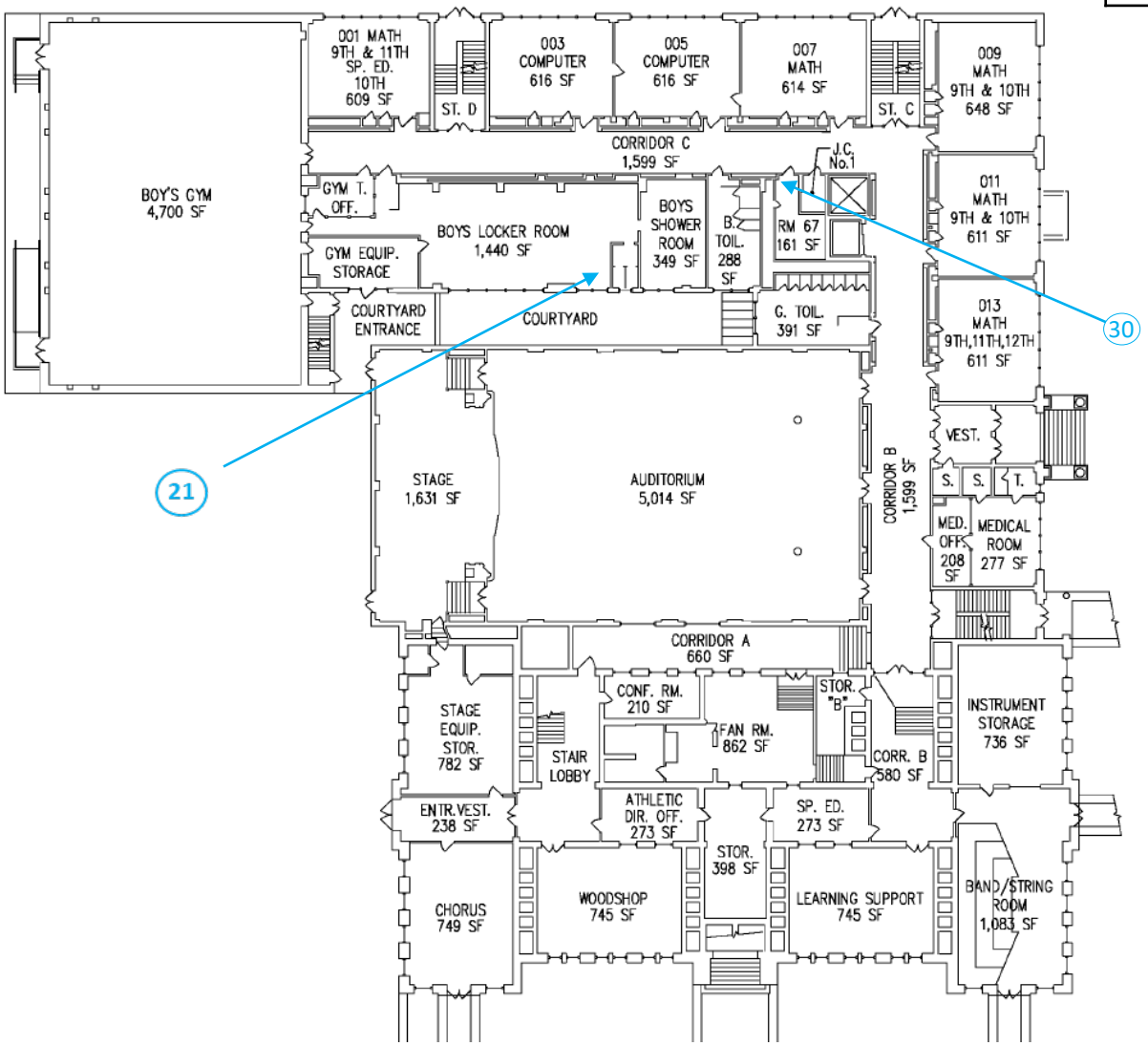
Basement

21	Boys Locker Room, patch x2 fittings
30	Room 067, Repair x4 floor tiles



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Northeast Intermediate
Response Actions 23 Feb 2020
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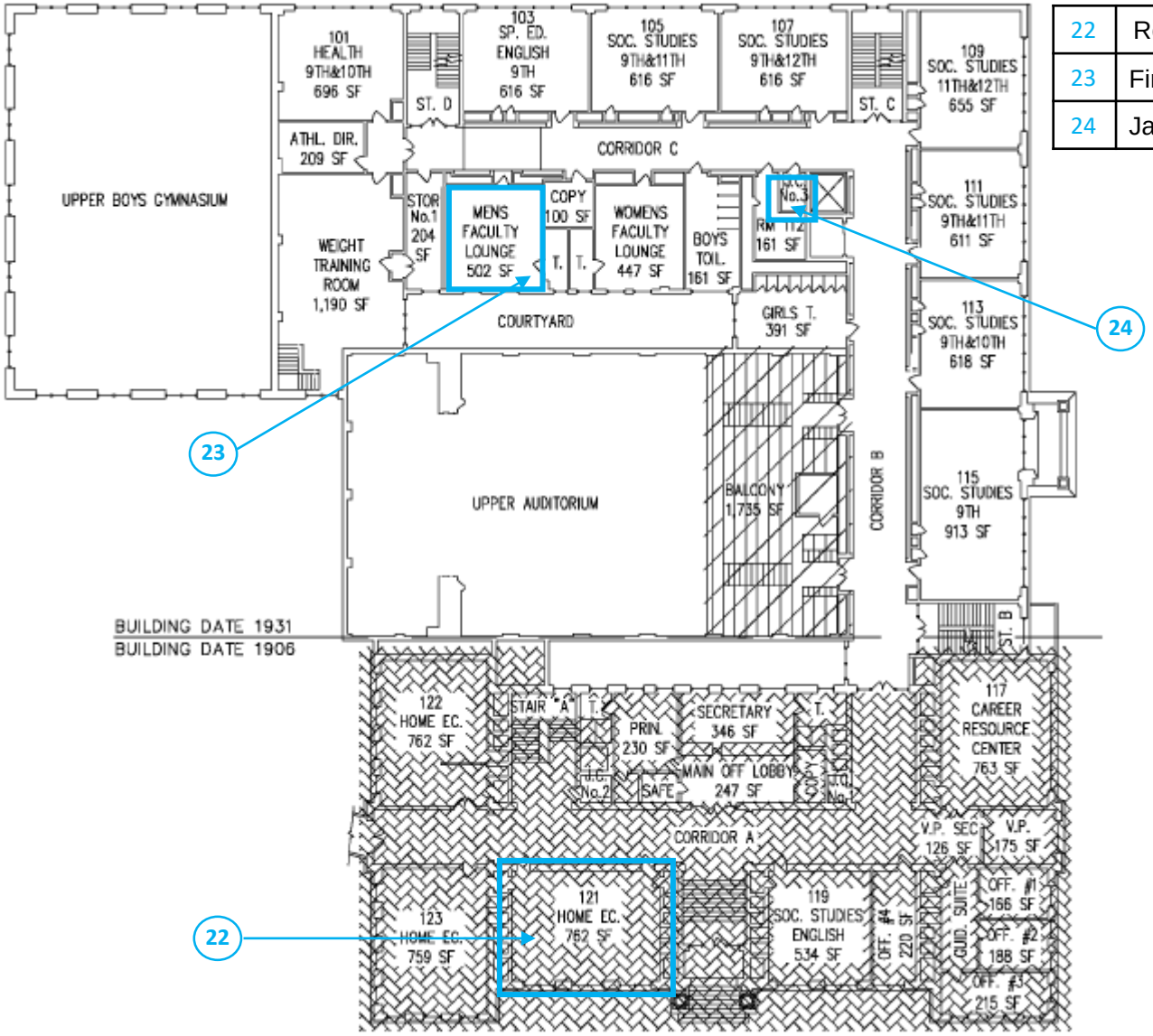
Ground Floor



22	Room 121, repair 13 floor tiles
23	First floor faculty lounge, patch x1 fitting
24	Janitor closet at 112, patch pipe insulation

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Northeast Intermediate
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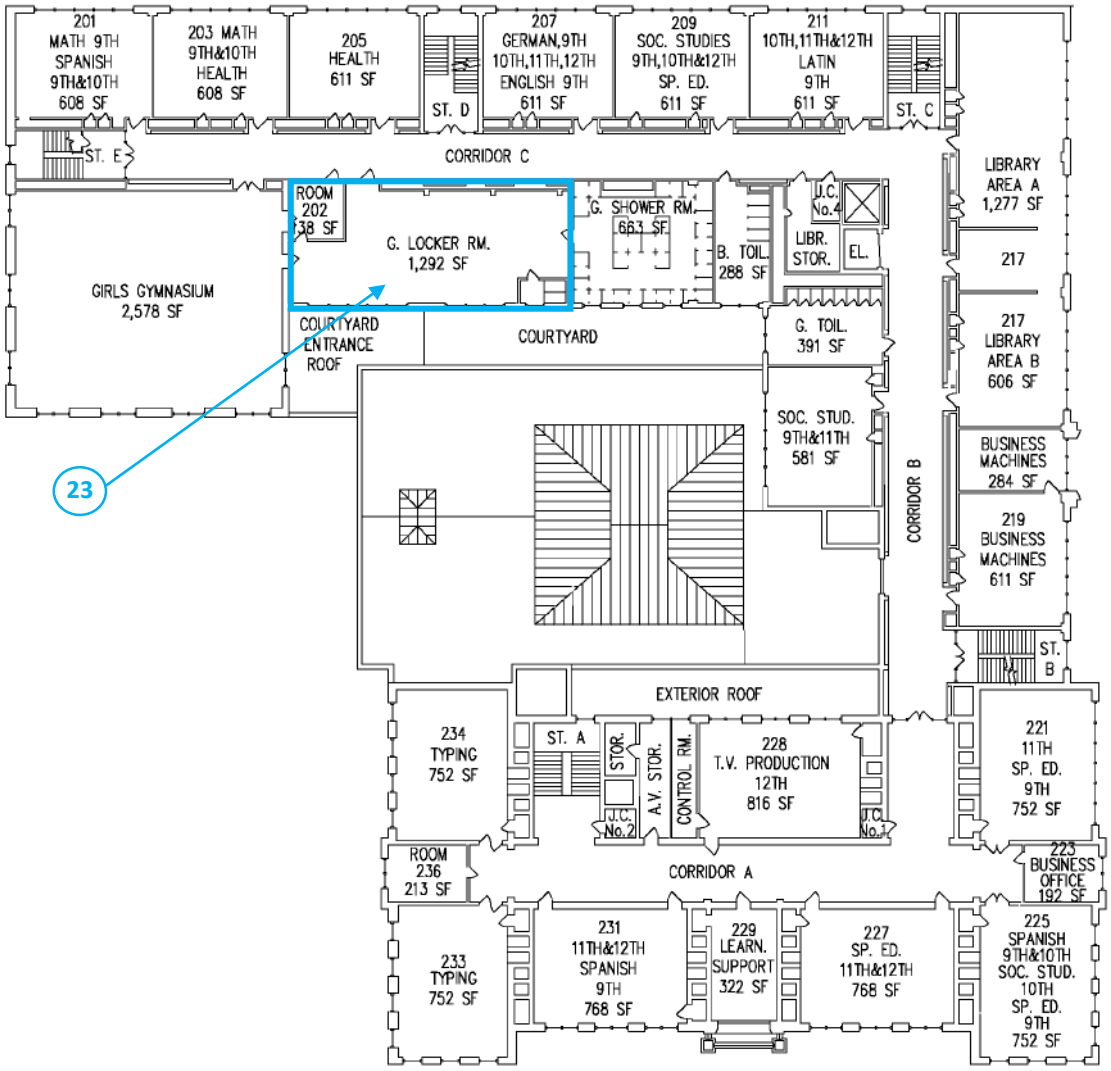
First Floor

25	Girls Locker Room, pipe insulation (5 LF)



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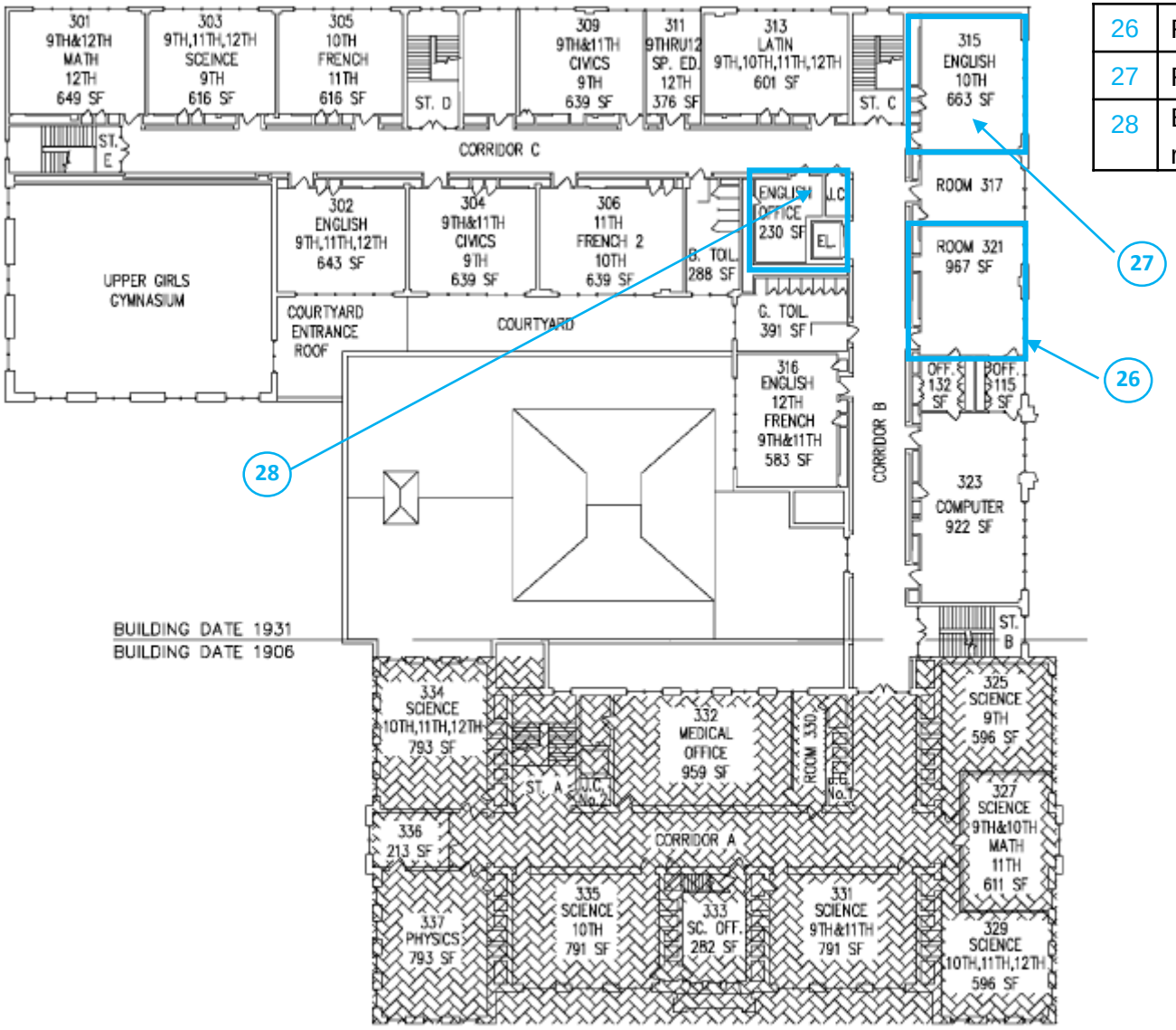
Second Floor



26	Room 321, pipe insulation (5 LF)
27	Room 315, x4 floor tiles
28	English Office, 3rd Floor, patch x 3 small rips in pipe jacket

APPENDIX B

Sign-In Sheets

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 3-9-2020

Project: North East Intermediate 20015

Print Name	Signature	PA License Number	Classification
Joseph M Clever		046238	Worker (Supervisor)
Damion Kruger		055966	Worker (Supervisor)
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 3-6-2020

Project: North East Intermediate
200115

Print Name	Signature	PA License Number	Classification
Joseph M Clever		046238	Worker (Supervisor)
Damion Reyer		055969	Worker (Supervisor)
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 3-5-2020

Project: North East Intermediate
200115

Print Name	Signature	PA License Number	Classification
Darnell Briggs		057588	Worker (Supervisor)
Luther Wilson		058219	(Worker) Supervisor
Damion Rugar		055969	Worker (Supervisor)
Joseph M Clever		046238	Worker (Supervisor)
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 3-4-2020

Project: Scranton School District 200115

Print Name	Signature	PA License Number	Classification
Joseph M Clever		046238	Worker Supervisor
Darnell Braggs		057588	Worker Supervisor
Luther Wilson		058219	Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 3-3-2020

Project: North East Intermediate 200115

Print Name	Signature	PA License Number	Classification
Joseph McClever		046238	Worker **Supervisor**
Luther Wilson		056219	Worker Supervisor
Damian Rugar		055969	Worker **Supervisor**
Darnell Briggs		057588	Worker **Supervisor**
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 3-2-2020

Project: Northeast Intermediate 20015

Print Name	Signature	PA License Number	Classification
Damion Rugar		055964	Worker (Supervisor)
Joseph M Clever		046238	Worker (Supervisor)
Tim Welch		056218	(Worker) Supervisor
Luther Wilson		056219	(Worker) Supervisor
Mike Best		057615	Worker (Supervisor)
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 2-28-2020

Project: 55D NorthEast Intermediate

Print Name	Signature	PA License Number	Classification
Joseph M Clever		046238	Worker (Supervisor)
Howard Bird		047929	(Worker) Supervisor
Sean Bi King		No License Prep work only	Worker Supervisor
Donnell Briggs		057588	Worker (Supervisor)
Luther Wilson		056219	(Worker) Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 2-27-2020

Project: NorthEast Int. Abatement
200115

Print Name	Signature	PA License Number	Classification
Luther Wilson		056219	(Worker) Supervisor
Joseph Clever		046238	Worker (Supervisor)
Sean Bicking		No License Only Prep Work	Worker Supervisor
Howard Bird		047929	Worker (Supervisor)
Darnell Braggs		057588	Worker (Supervisor)
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 2-26-2020

Project: North East Int. Abatement

Print Name	Signature	PA License Number	Classification
Joseph McCleary		046238	Worker (Supervisor)
Howard Bird		047929	Worker (Supervisor)
Guy Ardizoni		043031	(Worker) Supervisor
Lyther Wilson		056219	(Worker) Supervisor
Sean Bilking		No License Only Prep Work	Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanberthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 2-25-2020

Project: North East Int. Abatement
200115

Print Name	Signature	PA License Number	Classification
Luther Wilson		056219	(Worker) Supervisor
Howard Bird		047929	Worker (Supervisor)
Damion Rugar		055969	Worker (Supervisor)
Darnell Braggs		057588	Worker (Supervisor)
Mike Best		057615	Worker (Supervisor)
Joe Clever		046238	Worker (Supervisor)
Gary Bisignani		053879	Worker (Supervisor)
Guy Ardizoni		043031	(Worker) Supervisor
Mike Dolinsky		056210	(Worker) Supervisor
Pat Swift		055968	Worker (Supervisor)
Jake Kargasti		056262	(Worker) Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 2-24-2020

Project: NE Int. Abatement
Room 003

Print Name	Signature	PA License Number	Classification
Joseph M Clevenger	JMC	046238	Worker (Supervisor)
Luther A Wilson	Luther A Wilson	056219	(Worker) Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

COCCIARDI and Associates, Inc.

Contractor Daily Sign In

Date: 2-24-2020

Project: NE Int. Abatement
Band Room

Print Name	Signature	PA License Number	Classification
Damjon Dugas		055969	Worker (Supervisor)
Howard Bird		047929	Worker (Supervisor)
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanbenthuysen

APPENDIX C

Daily Checklists

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 3-9-2020

Project Monitor: Douglas Vanbenthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): North East Intermediate

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: Abatement of TSI in Maintenace Boiler Room
Cleaning of 2nd Floor girls locker room for clearance.

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 3-6-2020

Project Monitor: Douglas Vanbenthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): North East Intermediate Boiler Room

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: _____

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 3-5-2020

Project Monitor: Douglas Vanbenthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): 3rd Floor Hallway A, 2nd Floor Locker Room

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: _____

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 3-4-2020

Project Monitor: Douglas Vanberthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): NorthEast Intermediate 3rd floor Hallway A.

Work Type: Prep **OSHA Class I** OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: _____

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 3-3-2020

Project Monitor: Douglas Vanberthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): North East Intermediate

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: _____

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 3-2-2020

Project Monitor: Douglas Vanbenthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): Northeast Intermediate

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: _____

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 2-28-2020

Project Monitor: Douglas Vanbenthuysen **PA DOLI License #:** 060190

Client/Project: Scranton SD **Job #:** 200115

Work Area(s): NoAthEast Intermediate 2nd Floor Hallway

Work Type: Prep OSHA Class I OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: _____

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 2-27-2020

Project Monitor: Douglas VanBerthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): Northeast Int. Room 117 & 2nd Floor Hallway

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: _____

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 2-25-2020

Project Monitor: Douglas Vanberthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): NorthEast Int. Room 003, Band Room 019, 021, Chorus Room

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE:	☑	☐	☐
Workers donning RPE per exposure assessment:	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments:

Cocciardi and Associates, Inc.
Asbestos Project Monitor Daily Checklist

Date: 2-24-2020

Project Monitor: Douglas Vanbenthuysen **PA DOLI License #:** 060190

Client/Project: Scranton School District **Job #:** 200115

Work Area(s): NorthEast Int. Room 003 + Band Room (Prep)

Work Type: Prep (OSHA Class I) OSHA Class II OSHA Class III Emergency

Item	Yes	No	N/A
NESHAP Current and Onsite	☑	☐	☐
All contractor personnel have current license	☑	☐	☐
Critical barriers in place and acceptable	☑	☐	☐
Manometer reading minimum of -0.02" w/c	☑	☐	☐
Negative Air Units @ minimum 4 air exchanges/hour	☑	☐	☐
Workers donning adequate PPE: _____	☑	☐	☐
Workers donning RPE per exposure assessment: _____	☑	☐	☐
All workers entering work area signed in	☑	☐	☐
All removal in accordance with approved methods	☑	☐	☐
Decontamination Area Established	☑	☐	☐
Workers practice adequate decontamination procedures	☑	☐	☐
Wet methods utilized	☑	☐	☐
Waste management acceptable (labels, double bags, etc.)	☑	☐	☐

Comments: No abatement in Band Room, only Room 003.

APPENDIX D

Laboratory Analytical Reports and Chain Of Custody Forms

`

OrderID: 042006631

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042006631

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

RECEIVED
CINNAMINSON
2020 MAR 11 AM 11:00

Company Name: Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 5702910030	**Fax #:** 570-291-0035
Report To (Name): Matthew O'Boyle		**Please Provide Results via:** ☐ Fax ☐ Email	
email Address: moboyle@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD-200124		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ **Commercial/Taxable** ☐ **Residential/Tax Exempt**	

EMSL-Bill to: ☐ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1]	☐ 4-4.5Hr[1] AHERA Only	☐ 6 Hr[1]	■ 24 Hr	☐ 32 Hr[2]	☐ 48 Hr	☐ 72 Hr	☐ 96 Hr	☐ 1 Week	☐ 2 Week

[1]*Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule*
[2] *32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.*

PCM - Air
- ■ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable - NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air[1]
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM

*Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ☐ 0.8µm ☐ 0.45µm

Sampler's Name: Matthew O'Boyle **Sampler's Signature:** Matthew O'Boyle

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
1	Right Duct, far wall	1200 L	3/10/20; 0945
2	Right Duct, near door	1200 L	3/10/20; 0946
3	Left Duct, Far wall	1200 L	3/10/20; 0950
4	Left Duct, Near machine	1200 L	3/10/20; 0952
5	Left Duct, near door	1200 L	3/10/20; 0954

Client Sample # (s): 1 - 5 **Total # of Samples:** 5

Relinquished by (Client): Matthew O'Boyle **Date:** 3/10/2020 **Time:** 1400

Received by (Lab): CM Rx **Date:** 3.11.20 **Time:** 9:30

Comments/Special Instructions:

OrderID: 042006631

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

042006631

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	Blank		

*Comments/Special Instructions:

OrderID: 042006489

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042006489

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

RECEIVED
2020 MAR 10 AM 9:44

Company Name : Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 570-291-0030	**Fax #:** 570-291-0035
Report To (Name): Douglas Vanbenthuysen		**Please Provide Results via:** ☐ Fax ☒ Email	
email Address: dvanbenthuysen@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD Northeast 200115		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ **Commercial/Taxable** ☐ **Residential/Tax Exempt**	

EMSL-Bill to: ☒ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1]	☐ 4-4.5Hr[1] AHERA Only	☐ 6 Hr[1]	☒ 24 Hr	☐ 32 Hr[2]	☐ 48 Hr	☐ 72 Hr	☐ 96 Hr	☐ 1 Week	☐ 2 Week

[1]*Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule*
[2] *32 Hour TAT available for select tests only; samples must be submitted by 11:30 am*

PCM - Air
- ☒ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable - NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air[1]
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM

*Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ☒ 0.8µm ☐ 0.45µm

Sampler's Name: Douglas Vanbenthuysen **Sampler's Signature:** Doug V

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
NE-200306-14	Maintenance Room	689 L	3-6-2020 0900-1413
NE-200306-15	Decontamination Area outside Boiler Room	691 L	3-6-2020 0900-1414
NE-200309-1	Maintenance Room	1105 L	3-9-2020 1228-1449
NE-200309-2	Girls Locker Room 2nd Floor	1200 L	3-9-2020 1417-1537
NE-200309-3	Girls Locker Room 2nd Floor	1200 L	3-9-2020 1417-1537

Client Sample # (s): NE-200306-14 - NE-200309-6 **Total # of Samples:** 8

Relinquished by (Client): Doug V **Date:** 3-9-2020 **Time:** 5:00 PM

Received by (Lab): [signature] **Date:** 3.10.20 **Time:** 9:34

Comments/Special Instructions:

OrderID: 042006489

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

042006489

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

2020 MAR 10 AM 8:48

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200309-4	Girls Locker Room 2nd Floor	1200 L	3-9-2020 1417-1537
NE-200309-5	Girls Locker Room 2nd Floor	1200 L	3-9-2020 1417-1537
NE-200309-6	Girls Locker Room 2nd Floor	1200 L	3-9-2020 1418-1538

*Comments/Special Instructions:

OrderID: 042006309

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042006309

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE 1-800-220-3675
FAX (856) 786-5974

RECEIVED EMSL CINNAMINSON, NJ
2020 MAR -9 AM 9:46

Company Name: Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 570-291-0030	**Fax #:** 570-291-0035
Report To (Name): Douglas Vanbenthuysen		**Please Provide Results via:** ☐ Fax ☒ Email	
email Address: dvanbenthuysen@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD Northeast 200115		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ **Commercial/Taxable** ☐ **Residential/Tax Exempt**	

EMSL-Bill to: ☒ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1]	☐ 4-4.5Hr[1] AHERA Only	☐ 6 Hr[1]	☒ 24 Hr	☐ 32 Hr[2]	☐ 48 Hr	☐ 72 Hr	☐ 96 Hr	☐ 1 Week	☐ 2 Week

[1]*Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule*
[2] *32 Hour TAT available for select tests only; samples must be submitted by 11:30 am*

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable - NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air[1]
- ☒ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM

*Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ☐ 0.8µm ☒ 0.45µm

Sampler's Name: Douglas Vanbenthuysen **Sampler's Signature:** Douglas

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
NE-200306-1	Room 304	1215 L	3-6-2020 0926-1047
NE-200306-2	Room 309	1215 L	3-6-2020 0931-1052
NE-200306-3	Room 315	1200 L	3-6-2020 0936-1056
NE-200306-4	Room 319	1230 L	3-6-2020 0941-1103
NE-200306-5	Room 321	1230 L	3-6-2020 0943-1105

Client Sample # (s): NE-200306-1 - NE-200306-13 **Total # of Samples:** 13

Relinquished by (Client): Douglas **Date:** 3-6-2020 **Time:** 4:00 PM

Received by (Lab): [illegible] **Date:** 3.9.20 **Time:** 9:00am

Comments/Special Instructions:
Only analyze samples 6-10

OrderID: 042006309

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*: 042006309

RECEIVED EMSL CINNAMINSON NJ 2020 MAR -9 AM 9:46

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
(856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200306-6	Corridor A - 3rd Floor	1425 L	3-6-2020 1129 - 1304
NE-200306-7	Corridor A - 3rd Floor	1425 L	3-6-2020 1129 - 1304
NE-200306-8	Corridor A - 3rd Floor	1425 L	3-6-2020 1129 - 1304
NE-200306-9	Corridor A - 3rd Floor	1425 L	3-6-2020 1129 - 1304
NE-200306-10	Corridor A - 3rd Floor	1425 L	3-6-2020 1129 - 1304
NE-200306-11	Field Blank	0 L	3-6-2020
NE-200306-12	Field Blank	0 L	3-6-2020
NE-200306-13	Lab Blank	0 L	3-6-2020

***Comments/Special Instructions:**

Only analyze samples 6-10

OrderID: 042006211

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042006211

EMSL Analytical, Inc
200 Route 130 North
Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

RECEIVED
2020 MAR -6 AM 10:38

Company Name: Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 570-291-0030	**Fax #:** 570-291-0035
Report To (Name): Douglas Vanbenthuysen		**Please Provide Results via:** ☐ Fax ☒ Email	
email Address: dvanbenthuysen@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD Northeast 200115		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ **Commercial/Taxable** ☐ **Residential/Tax Exempt**	

EMSL-Bill to: ☒ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1] | ☐ 4-4.5Hr[1] AHERA Only | ☐ 6 Hr[1] | ☐ 24 Hr | ☐ 32 Hr[2] | ☒ 48 Hr | ☐ 72 Hr | ☐ 96 Hr | ☐ 1 Week | ☐ 2 Week

[1]*Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form TEM Air 3-6 Hour, please call ahead to schedule*
[2] *32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.*

PCM - Air
☒ NIOSH 7400
☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
☐ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable - NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NYS 198.8 SOF-V
☐ NIOSH 9002 (<1%)

TEM – Air[1]
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
Fibers >10µm ☐ Waste ☐ Drinking
All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
☐ TEM Qualitative via Filtration Prep
☐ TEM Qualitative via Drop Mount Prep
☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM

*Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ☒ 0.8µm ☐ 0.45µm

Sampler's Name: Douglas Vanbenthuysen **Sampler's Signature:**

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
NE- 2003024-1	Hallway by Stairwell 3B	858 L	3-4-2020 0852-1505
NE- 200304-2	Hallway outside Room 321	858 L	3-4-2020 0853-1506
NE- 200304-3	Stairwell 2A	860 L	3-4-2020 0855-1509

Client Sample # (s): NE- 200304-1 - NE- 200304-3 **Total # of Samples:** 3

Relinquished by (Client): **Date:** 3-4-2020 **Time:** 4:00 PM

Received by (Lab): **Date:** 3.6.20 **Time:**

Comments/Special Instructions:

(3)

OrderID: 042006195

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042006195

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Phone: 1-800-220-3675
Fax: (856) 786-5974

RECEIVED EMSL CINNAMINSON, N.J. 2020 MAR -6 A 10: 39

Company Name: Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 570-291-0030	**Fax #:** 570-291-0035
Report To (Name): Douglas Vanbenthuysen		**Please Provide Results via:** ☐ Fax ☒ Email	
email Address: dvanbenthuysen@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD Northeast 200115		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

EMSL-Bill to: ☒ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1] ☐ 4-4.5Hr[1] AHERA Only ☐ 6 Hr[1] ☐ 24 Hr ☐ 32 Hr[2] ☒ 48 Hr ☐ 72 Hr ☐ 96 Hr ☐ 1 Week ☐ 2 Week

[1]*Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule*
[2] *32 Hour TAT available for select tests only, samples must be submitted by 11:30 am*

PCM - Air
☒ NIOSH 7400
☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
☐ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable - NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NYS 198.8 SOF-V
☐ NIOSH 9002 (<1%)

TEM – Air[1]
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
Fibers >10µm ☐ Waste ☐ Drinking
All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
☐ TEM Qualitative via Filtration Prep
☐ TEM Qualitative via Drop Mount Prep
☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM
*Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ☒ 0.8µm ☐ 0.45µm

Sampler's Name: Douglas Vanbenthuysen **Sampler's Signature:** [signature]

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
NE-200305-1	Hallway by stairwell 3B	876 L	3-5-2020 0848-1526
NE-200305-2	Stairwell 2A	862 L	3-5-2020 0852-1524
NE-200305-3	Room 321	1245 L	3-5-2020 0939-1102
NE-200305-4	Room 321	1245 L	3-5-2020 0939-1102
NE-200305-5	Room 321	1245 L	3-5-2020 0939-1102

Client Sample # (s): NE-200305-1 - NE-200305-14 **Total # of Samples:** 14

Relinquished by (Client): [signature] **Date:** 3-5-2020 **Time:** 5:00 PM

Received by (Lab): [signature] 3.6.20 **Date:** 3-6-20 **Time:** 9:10a

Comments/Special Instructions:

(H)

OrderID: 042006195

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*: 042006195

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE 1-800-220-3675
FAX (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200305-6	Room 321	1260 L	3-5-2020 0939-1103
NE-200305-7	Room 321	1260 L	3-5-2020 0939-1103
NE-200305-8	Personal Sample - Excursion limit	66 L	3-5-2020 1009-1039
NE-200305-9	Personal Sample - Full Shift	629 L	3-5-2020 1041-1527
NE-200305-10	2nd Floor Girls Locker Room	1230 L	3-5-2020 1410-1532
NE-200305-11	2nd Floor Girls Locker Room	1230 L	3-5-2020 1410-1532
NE-200305-12	2nd Floor Girls Locker Room	1230 L	3-5-2020 1410-1532
NE-200305-13	2nd Floor Girls Locker Room	1230 L	3-5-2020 1410-1532
NE-200305-14	2nd Floor Girls Locker Room	1230 L	3-5-2020 1410-1532

*Comments/Special Instructions:

OrderID: 042005887

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042005887

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Phone: 1-800-220-3675
(856) 786-5974

RECEIVED EMSL CINNAMINSON, NJ 2020 MAR -4 AM 10:04

Company Name : Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 570-291-0030	**Fax #:** 570-291-0035
Report To (Name): Douglas Vanbenthuysen		**Please Provide Results via:** ☐ Fax ☒ Email	
email Address: dvanbenthuysen@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD Northeast 200115		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ **Commercial/Taxable** ☐ **Residential/Tax Exempt**	

EMSL-Bill to: ☒ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1]	☐ 4-4.5Hr[1] AHERA Only	☐ 6 Hr[1]	☒ 24 Hr	☐ 32 Hr[2]	☐ 48 Hr	☐ 72 Hr	☐ 96 Hr	☐ 1 Week	☐ 2 Week

[1]*Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule*
[2] *32 Hour TAT available for select tests only; samples must be submitted by 11.30 am*

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable - NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air[1]
- ☒ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM

*Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ☐ 0.8µm ☒ 0.45µm

Sampler's Name: Douglas Vanbenthuysen **Sampler's Signature:** DagVe

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
NE-200303-1	Hallway outside Room 219	1305 L	3-3-2020 1031-1158
NE-200303-2	Room 214	1320 L	3-3-2020 1031-1159
NE-200303-3	Room 211	1290 L	3-3-2020 1034-1200
NE-200303-4	Room 207	1290 L	3-3-2020 1035-1201
NE-200303-5	Room 205	1290 L	3-3-2020 1035-1201

Client Sample # (s): NE-200303-1 - NE-200303-13 **Total # of Samples:** 13

Relinquished by (Client): DagVe **Date:** 3-3-2020 **Time:** 4:00 PM

Received by (Lab): [illegible] **Date:** 3-4-20 **Time:** 9:14

Comments/Special Instructions:
Only analyze samples 6-10

13 pcl

OrderID: 042005887

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*: 042005887

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200303-6	Hallway 2A	1350 L	3-3-2020 1244 - 1414
NE-200303-7	Hallway 2A	1350 L	3-3-2020 1244 - 1414
NE-200303-8	Hallway 2A	1335 L	3-3-2020 1245 - 1414
NE-200303-9	Hallway 2A	1335 L	3-3-2020 1246 - 1415
NE-200303-10	Hallway 2A	1335 L	3-3-2020 1246 - 1415
NE-200303-11	Field Blank	0	3-3-2020 1416
NE-200303-12	Field Blank	0	3-3-2020 1450
NE-200303-13	Lab Blank	0	3-3-2020

***Comments/Special Instructions:**

* Only analyze samples 6-10. *

OrderID: 042005897

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042005897

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE 1-800-220-3675
FAX (856) 786-5974

RECEIVED
EMSL
CINNAMINSON, NJ
2020 MAR -4 AM 10:32

Company Name : Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 570-291-0030	**Fax #:** 570-291-0035
Report To (Name): Douglas Vanbenthuysen		**Please Provide Results via:** ☐ Fax ☑ Email	
email Address: dvanbenthuysen@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD Northeast 200115		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ **Commercial/Taxable** ☐ **Residential/Tax Exempt**	

EMSL-Bill to: ☑ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1]	☐ 4-4.5Hr[1] AHERA Only	☐ 6 Hr[1]	☐ 24 Hr	☐ 32 Hr[2]	☑ 48 Hr	☐ 72 Hr	☐ 96 Hr	☐ 1 Week	☐ 2 Week

[1]Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule
[2] 32 Hour TAT available for select tests only; samples must be submitted by 11:30 am

PCM - Air
- ☑ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable - NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air[1]
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM

Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ☑ 0.8µm ☐ 0.45µm

Sampler's Name: Douglas Vanbenthuysen **Sampler's Signature:** DougV

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
NE- 200302-1	Hallway outside Stairwell 2B	756 L	3-2-2020 0901 - 1579
NE- 200302-2	Hallway outside Room 214	756 L	3-2-2020 0902 - 1520
NE- 200302-3	Stairwell 2A	756 L	3-2-2020 0906 - 1524

Client Sample # (s): NE- 200302-1 - NE- 200302-3 **Total # of Samples:** 3

Relinquished by (Client): DougV **Date:** 3-3-2020 **Time:** 4:00 PM

Received by (Lab): [illegible] **Date:** 3.4.20 **Time:** 9:42

Comments/Special Instructions:

3 pull

Controlled Document – COC-05 Asbestos – R12.1 – 11/01/2019

EMSL Analytical, Inc.'s (DBA: LA Testing) Laboratory Terms and Conditions are incorporated into this chain of custody by reference in their entirety. Submission of samples to EMSL Analytical Inc. constitutes acceptance and acknowledgment of all terms and conditions

OrderID: 042005564

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(lab use only)*: 042005564

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
(856) 786-5974

RECEIVED EMSL CINNAMINSON, N.J.
2020 MAR -2 AM 10:

Company Name: Cocciardi & Associates Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State or Province:** PA
Zip/Postal Code: 18434	**Country:** US	**Telephone #:** 570-291-0030	**Fax #:** 570-291-0035
Report To (Name): Douglas Vanbenthuysen		**Please Provide Results via:** ☐ Fax ☑ Email	
email Address: dvanbenthuysen@cocciardi.com		**Purchase Order Number:**	
Client Project ID: SSD Northeast 200115		**EMSL Project ID** *(internal use only)*:	
State or Province Collected: PA		**CT only** ☐ **Commercial/Taxable** ☐ **Residential/Tax Exempt**	

EMSL-Bill to: ☑ Same ☐ Different - *If bill to is different note instructions in comment. Third party billing requires written authorization from third party*

Turnaround Time (TAT) Options Please Check

☐ 3 Hr[1]	☐ 4-4.5Hr[1] AHERA Only	☐ 6 Hr[1]	☐ 24 Hr	☐ 32 Hr[2]	■ 48 Hr	☐ 72 Hr	☐ 96 Hr	☐ 1 Week	☐ 2 Week

[1]*Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT – you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule*
[2] *32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.*

PCM - Air
- ■ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable - NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air[1]
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Settled Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil – Rock – Vermiculite (reporting limit)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)*
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM

*Lower reporting limits avaialble on request

Other test (please specify):

☐ **Stop At First Positive** *(clearly identify homogenous areas below)*

Filter Pore Size (Air Samples): ■ 0.8µm ☐ 0.45µm

Sampler's Name: Douglas Vanbenthuysen **Sampler's Signature:**

Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
NE-200224-1	Hallway outside Room 003	400 L	2-28-2020 13:16-16:36
NE-200224-2	Room 005	400 L	2-28-2020 13:16-16:36
NE-200227-1	Decontamination Area by 2B Stairs	692 L	2-28-2020 10:24-16:10
NE-200227-2	Outside of Room 117	684 L	2-28-2020 10:25-16:07
NE-200227-3	Stairwell 2A	696 L	2-28-2020 10:26-16:14

Client Sample # (s): NE-200224-1 - NE-200228-3 **Total # of Samples:** 8

Relinquished by (Client): **Date:** 2-28-2020 **Time:** 5:00 PM

Received by (Lab): EMSX **Date:** 3.2.20 **Time:** 8 Sa

Comments/Special Instructions:

(8)

OrderID: 042005564

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

042005564

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

RECEIVED
EMSL
CINNAMINSON, N.J.
2020 MAR -2 AM 10:10

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200228-1	Decontamination Area by 2B Stairs	720 L	2-28-2020 09:24-15:24
NE-200228-2	Hallway outside Room 215	720 L	2-28-2020 09:25-15:25
NE-200228-3	Starwell 2A	710 L	2-28-2020 09:26-15:21

***Comments/Special Instructions:**

OrderID: 042005399

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only): 042005399

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE 1-800-220-3675
FAX (856) 786-5974

RECEIVED EMSL CINNAMINSON, NJ 2020 FEB 28 AM 10:47

Company Name: Cocciardi and Associates, Inc.		**EMSL Customer ID:**	
Street: 1337 Veterans Memorial Drive		**City:** Jessup	**State/Province:** PA
Zip/Postal Code: 18434	**Country:** United States	**Telephone #:** 5702910030	**Fax #:** 5702910035
Report To (Name): Mike Baltrusaitis		**Please Provide Results:** ☐ Fax ☑ Email	
Email Address: mbaltrusaitis@cocciardi.com		**Purchase Order:**	
Project Name/Number: Scranton SD 200115		**EMSL Project ID** (Internal Use Only):	
U.S. State Samples Taken: PA		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

EMSL-Bill to: ☑ Same ☐ Different - If Bill to is Different note instructions in Comments**

Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air ☐ Check if samples are from NY
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
- ☒ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite*
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ TEM Qual. via Filtration Technique
- ☐ TEM Qual. via Drop-Mount Technique

*Can not accept New York State Loose Fill Vermiculite Samples

Other: ☐

☐ Check For Positive Stop – Clearly Identify Homogenous Group | **Filter Pore Size (Air Samples):** ☐ 0.8µm ☒ 0.45µm

Samplers Name: Douglas Vanbenthuysen | **Samplers Signature:** DagVc

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200226-1	Room 003	1280 L	2-26-2020 09:24-11:32
NE-200226-2	Room 003	1280 L	2-26-2020 09:24-11:32
NE-200226-3	Room 003	1280 L	2-26-2020 09:25-11:33
NE-200226-4	Room 003	1280 L	2-26-2020 09:26-11:34
NE-200226-5	Room 003	1270 L	2-26-2020 09:27-11:34
NE-200226-6	Room 1	1260 L	2-26-2020 09:48-11:54
NE-200226-7	Ground Floor Gymnasium	1260 L	2-26-2020 09:49-11:55

Client Sample # (s): NE-200226-1 - NE-200226-31 **Total # of Samples:** 31

Relinquished (Client): DagVc **Date:** 2-26-2020 **Time:** 6:00 PM

Received (Lab): [signature] **Date:** 2.26.20 **Time:** 9:30

Comments/Special Instructions:

*Only analyze samples 1-5 and 19-28 *

Controlled Document – Asbestos COC – R9 – 10/30/2014

OrderID: 042005399

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only): 042005399

RECEIVED EMSL CINNAMINSON, NJ 2020 FEB 28 AM 10:17

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
1-800-220-3675
(856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200226-8	Hallway between Room 5 and Room 3	1260 L	2-26-2020 09:50-11:56
NE-200226-9	Room 7	1240 L	2-26-2020 09:52-11:56
NE-200226-10	Room 9	1240 L	2-26-2020 09:53-11:57
NE-200226-11	Field Blank	—	2-26-2020 09:27
NE-200226-12	Field Blank	—	2-26-2020 11:57
NE-200226-13	Lab Blank	—	2-26-2020
NE-200226-14	Room 013	1230 L	2-26-2020 12:49-14:52
NE-200226-15	Hallway Outside GB Stairs (Decon Area)	1250 L	2-26-2020 12:45-14:50
NE-200226-16	Ground Floor Corridor A	1250 L	2-26-2020 12:45-14:50
NE-200226-17	Band Hallway	1250 L	2-26-2020 12:46-14:51
NE-200226-18	Room 23	1250 L	2-26-2020 12:46-14:51
NE-200226-19	Chorus Room	[redacted] 1300 L	2-26-2020 [redacted] 15:43-17:53
NE-200226-20	Chorus Room	[redacted] 1300 L	2-26-2020 15:43-17:53
NE-200226-21	Chorus Room	[redacted] 1300 L	2-26-2020 15:43-17:53
NE-200226-22	Chorus Storage Room	[redacted] 1300 L	2-26-2020 15:46-17:56
NE-200226-23	Chorus Storage Room	[redacted] 1300 L	2-26-2020 15:46-17:56
NE-200226-24	Room 21	[redacted] 1236 L	2-26-2020 16:03-18:06
NE-200226-25	Room 21	[redacted] 1230 L	2-26-2020 16:04-18:06
NE-200226-26	Room 19	[redacted] 1230 L	2-26-2020 16:05-18:08
NE-200226-27	Room 19	[redacted] 1230 L	2-26-2020 16:05-18:08
NE-200226-28	Room 19	[redacted] 1230 L	2-26-2020 16:06-18:08
NE-200226-29	Field Blank	—	2-26-2020 18:10
NE-200226-30	Field Blank	—	2-26-2020 18:15
NE-200226-31	Lab Blank	—	2-26-2020

***Comments/Special Instructions:**

* Only analyze samples 1-5 and 19-28. *

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 042006631
Customer ID: COCC45
Customer PO:
Project ID:

Attention: Matthew Oboyle
Cocciardi & Associates Inc.
1337 Veterans Memorial Drive
Jessup, PA 18434

Phone: (570) 291-0030
Fax: (570) 291-0035
Received Date: 03/11/2020 09:30 AM
Analysis Date: 03/11/2020
Collected Date: 03/10/2020

Project: SSD-200124

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm²	Fibers/cc	Notes
1 *042006631-0001*	Right Duct - Far Wall	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
2 *042006631-0002*	Right Duct - Near Door	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
3 *042006631-0003*	Left Duct - Far Wall	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
4 *042006631-0004*	Left Duct - Near Machine	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
5 *042006631-0005*	Left Duct - Near Door	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
Blank *042006631-0006*	Blank	03/10/2020		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

Analyst(s):
Susan Muir PCM 6

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm2) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.
Intra-laboratory Sr values: 5-20 fibers = 0.48, 21-50 fibers = 0.41, 51-100 fibers = 0.41. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC–IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 03/11/2020 07:21 PM

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 042006489
Customer ID: COCC45
Customer PO:
Project ID:

Attention: Douglas Vanbenthuysen
Cocciardi & Associates Inc.
1337 Veterans Memorial Drive
Jessup, PA 18434

Phone: (570) 291-0030
Fax: (570) 291-0035
Received Date: 03/10/2020 09:30 AM
Analysis Date: 03/10/2020
Collected Date: 03/06/2020 - 03/09/2020

Project: SSD Northeast 200115

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (f/b/cc)	Fibers/mm²	Fibers/cc	Notes
NE-200306-14 *042006489-0001*	Maintenance Room	03/06/2020	689	<5.5	100	0.0039	<7.01	<0.0039	
NE-200306-15 *042006489-0002*	Decontamination Area Outside Boiler Room	03/06/2020	691	<5.5	100	0.0039	<7.01	<0.0039	
NE-200309-1 *042006489-0003*	Maintenance Room	03/09/2020	1105	19	100	0.0024	24.2	0.0084	
NE-200309-2 *042006489-0004*	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
NE-200309-3 *042006489-0005*	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
NE-200309-4 *042006489-0006*	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
NE-200309-5 *042006489-0007*	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
NE-200309-6 *042006489-0008*	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	

This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected.

Analyst(s):
Susan Muir PCM 8

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm2) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.
Intra-laboratory Sr values: 5-20 fibers = 0.48, 21-50 fibers = 0.41, 51-100 fibers = 0.41. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC--IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 03/10/2020 10:46 PM

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 042006309
Customer ID: COCC45
Customer PO:
Project ID:

Attention: Douglas Vanbenthuysen
Cocciardi & Associates Inc.
1337 Veterans Memorial Drive
Jessup, PA 18434

Project: SSD Northeast 200115

Phone: (570) 291-0030
Fax: (570) 291-0035
Received Date: 03/09/2020 09:00 AM
Analysis Date: 03/10/2020
Collected Date: 03/06/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	#Structures ≥0.5µ < 5µ	#Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
NE-200306-6 *042006309-0001*	Corridor A - 3rd Floor	1425.00	0.0660	0	Chrysotile	0	1	0.0041	15.00	0.0041
NE-200306-7 *042006309-0002*	Corridor A - 3rd Floor	1425.00	0.0660	0	Chrysotile	1	0	0.0041	15.00	0.0041
NE-200306-8 *042006309-0003*	Corridor A - 3rd Floor	1425.00	0.0660	0	None Detected	0	0	0.0041	<15.00	<0.0041
NE-200306-9 *042006309-0004*	Corridor A - 3rd Floor	1425.00	0.0660	1	Chrysotile	0	1	0.0041	15.00	0.0041
NE-200306-10 *042006309-0005*	Corridor A - 3rd Floor	1425.00	0.0660	1	Chrysotile	0	1	0.0041	15.00	0.0041

Analyst(s)
Sandy Burany, Ph.D (5)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

Initial report from: 03/10/2020 09:22 AM

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 042006211
Customer ID: COCC45
Customer PO:
Project ID:

Attention: Douglas Vanbenthuysen
Cocciardi & Associates Inc.
1337 Veterans Memorial Drive
Jessup, PA 18434

Phone: (570) 291-0030
Fax: (570) 291-0035
Received Date: 03/06/2020 09:30 AM
Analysis Date: 03/09/2020
Collected Date:

Project: SSD Northeast 200115

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm²	Fibers/cc	Notes
NE-2003024-1	Hallway by Stairwell 3B		858	6	100	0.0031	7.64	0.0034	
042006211-0001									
NE-2003024-2	Hallway Outside Room 321		858	6	100	0.0031	7.64	0.0034	
042006211-0002									
NE-2003024-3	Stairwell 3A		860	<5.5	100	0.0031	<7.01	<0.0031	
042006211-0003									

This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected.

Analyst(s):
Amiri Lewis PCM 3

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm2) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.
Intra-laboratory Sr values: 5-20 fibers = 0.48, 21-50 fibers = 0.41, 51-100 fibers = 0.41. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC–IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 03/09/2020 11:09 AM

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 042006195
Customer ID: COCC45
Customer PO:
Project ID:

Attention: Douglas Vanbenthuysen
Cocciardi & Associates Inc.
1337 Veterans Memorial Drive
Jessup, PA 18434

Phone: (570) 291-0030
Fax: (570) 291-0035
Received Date: 03/06/2020 09:30 AM
Analysis Date: 03/09/2020
Collected Date: 03/05/2020

Project: SSD Northeast 200115

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (f/b/cc)	Fibers/mm²	Fibers/cc	Notes
NE-200305-1 *042006195-0001*	Hallway by Stairwell 3B	03/05/2020	876	<5.5	100	0.0031	<7.01	<0.0031	
NE-200305-2 *042006195-0002*	Stairwell 2A	03/05/2020	862	<5.5	100	0.0031	<7.01	<0.0031	
NE-200305-3 *042006195-0003*	Room 321	03/05/2020	1245	<5.5	100	0.0022	<7.01	<0.0022	
NE-200305-4 *042006195-0004*	Room 321	03/05/2020	1245	<5.5	100	0.0022	<7.01	<0.0022	
NE-200305-5 *042006195-0005*	Room 321	03/05/2020	1245	<5.5	100	0.0022	<7.01	<0.0022	
NE-200305-6 *042006195-0006*	Room 321	03/05/2020	1260	<5.5	100	0.0021	<7.01	<0.0021	
NE-200305-7 *042006195-0007*	Room 321	03/05/2020	1260	<5.5	100	0.0021	<7.01	<0.0021	
NE-200305-8 *042006195-0008*	Personal Sample - Exursion Limit	03/05/2020	66	<5.5	100	0.0408	<7.01	<0.0408	
NE-200305-9 *042006195-0009*	Personal Sample - Full Shift	03/05/2020	629	6.5	100	0.0043	8.28	0.0051	
NE-200305-10 *042006195-0010*	2nd Floor Girls Locker Room	03/05/2020	1230	72	100	0.0022	91.7	0.0287	
NE-200305-11 *042006195-0011*	2nd Floor Girls Locker Room	03/05/2020	1230	8.5	100	0.0022	10.8	0.0034	
NE-200305-12 *042006195-0012*	2nd Floor Girls Locker Room	03/05/2020	1230	51	100	0.0022	65.0	0.0203	
NE-200305-13 *042006195-0013*	2nd Floor Girls Locker Room	03/05/2020	1230	61	100	0.0022	77.7	0.0243	
NE-200305-14 *042006195-0014*	2nd Floor Girls Locker Room	03/05/2020	1230	53.5	100	0.0022	68.2	0.0213	

This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected.

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm2) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.
Intra-laboratory Sr values: 5-20 fibers = 0.46, 21-50 fibers = 0.41, 51-100 fibers = 0.41. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC–IHLAP Accredited #100194, NJ DEP 03036, PA ID# 66-00367, LA #04127

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Received Date: 03/06/2020 09:30 AM
Analysis Date: 03/09/2020
Collected Date: 03/05/2020

Project: SSD Northeast 200115

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm²	Fibers/cc	Notes

Analyst(s):
Amiri Lewis PCM 14

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm2) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.
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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC–IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

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Received Date: 03/04/2020 09:30 AM
Analysis Date: 03/05/2020
Collected Date: 03/03/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	#Structures ≥0.5μ < 5μ	#Structures ≥5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
NE-200303-6 *042005887-0001*	Hallway 2A	1350.00	0.0660	0	Chrysotile	0	1	0.0043	15.00	0.0043
NE-200303-7 *042005887-0002*	Hallway 2A	1350.00	0.0660	0	None Detected	0	0	0.0043	<15.00	<0.0043
NE-200303-8 *042005887-0003*	Hallway 2A	1335.00	0.0660	0	None Detected	0	0	0.0044	<15.00	<0.0044
NE-200303-9 *042005887-0004*	Hallway 2A	1335.00	0.0660	0	None Detected	0	0	0.0044	<15.00	<0.0044
NE-200303-10 *042005887-0005*	Hallway 2A	1335.00	0.0660	0	None Detected	0	0	0.0044	<15.00	<0.0044

Analyst(s)
Ted Young (5)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

Initial report from: 03/05/2020 08:23 AM

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Received Date: 03/04/2020 09:30 AM
Analysis Date: 03/04/2020
Collected Date: 03/02/2020

Project: SSD Northeast 200115

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm²	Fibers/cc	Notes
NE-200302-1	Hallway Outside Stairwell 2B	03/02/2020	756	<5.5	100	0.0036	<7.01	<0.0036	
042005897-0001									
NE-200302-2	Hallway Outside Room 214	03/02/2020	756	<5.5	100	0.0036	<7.01	<0.0036	
042005897-0002									
NE-200302-3	Stairwell 2A	03/02/2020	756	<5.5	100	0.0036	<7.01	<0.0036	
042005897-0003									

This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected.

Analyst(s):
Susan Muir PCM 3

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm2) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.
Intra-laboratory Sr values: 5-20 fibers = 0.48, 21-50 fibers = 0.41, 51-100 fibers = 0.41. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC--IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

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Received Date: 03/02/2020 08:50 AM
Analysis Date: 03/04/2020
Collected Date: 02/28/2020

Project: SSD Northeast 200115

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm²	Fibers/cc	Notes
NE-200224-1 *042005564-0001*	Hallway Outside Room 003	02/28/2020	400	<5.5	100	0.0067	<7.01	<0.0067	
NE-200224-2 *042005564-0002*	Room 005	02/28/2020	400	<5.5	100	0.0067	<7.01	<0.0067	
NE-200227-1 *042005564-0003*	Decontamination Area by 2B Stairs	02/28/2020	692	<5.5	100	0.0039	<7.01	<0.0039	
NE-200227-2 *042005564-0004*	Outside of Room 117	02/28/2020	684	<5.5	100	0.0039	<7.01	<0.0039	
NE-200227-3 *042005564-0005*	Stairwell 2A	02/28/2020	696	<5.5	100	0.0039	<7.01	<0.0039	
NE-200228-1 *042005564-0006*	Decontamination Area by 2B Stairs	02/28/2020	720	<5.5	100	0.0037	<7.01	<0.0037	
NE-200228-2 *042005564-0007*	Hallway Outside Room 215	02/28/2020	720	<5.5	100	0.0037	<7.01	<0.0037	
NE-200228-3 *042005564-0008*	Stairwell 2A	02/28/2020	710	<5.5	100	0.0038	<7.01	<0.0038	

This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected.

Analyst(s):
Christina Maiorana PCM 8

Samantha Rundstrom

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm2) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted.
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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC–IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 03/04/2020 09:36 AM

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Analysis Date: 02/29/2020
Collected Date: 02/26/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	#Structures ≥0.5µ < 5µ	#Structures ≥5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)
NE-200226-1 *042005399-0001*	Room 003	1280.00	0.0660	0	None Detected	0	0	0.0046	<15.00	<0.0046
NE-200226-2 *042005399-0002*	Room 003	1280.00	0.0660	0	None Detected	0	0	0.0046	<15.00	<0.0046
NE-200226-3 *042005399-0003*	Room 003	1280.00	0.0660	0	None Detected	0	0	0.0046	<15.00	<0.0046
NE-200226-4 *042005399-0004*	Room 003	1280.00	0.0660	0	None Detected	0	0	0.0046	<15.00	<0.0046
NE-200226-5 *042005399-0005*	Room 003	1270.00	0.0660	0	None Detected	0	0	0.0046	<15.00	<0.0046
NE-200226-19 *042005399-0006*	Chorus Room	1300.00	0.0660	0	None Detected	0	0	0.0045	<15.00	<0.0045
NE-200226-20 *042005399-0007*	Chorus Room	1300.00	0.0660	0	None Detected	0	0	0.0045	<15.00	<0.0045
NE-200226-21 *042005399-0008*	Chorus Room	1300.00	0.0660	0	None Detected	0	0	0.0045	<15.00	<0.0045
NE-200226-22 *042005399-0009*	Chrous Storage Room	1300.00	0.0660	0	None Detected	0	0	0.0045	<15.00	<0.0045
NE-200226-23 *042005399-0010*	Chrous Storage Room	1300.00	0.0660	0	None Detected	0	0	0.0045	<15.00	<0.0045
NE-200226-24 *042005399-0011*	Room 21	1230.00	0.0660	0	None Detected	0	0	0.0047	<15.00	<0.0047
NE-200226-25 *042005399-0012*	Room 21	1230.00	0.0660	0	None Detected	0	0	0.0047	<15.00	<0.0047
NE-200226-26 *042005399-0013*	Room 19	1230.00	0.0660	0	Chrysotile	1	0	0.0047	15.00	0.0047
NE-200226-27 *042005399-0014*	Room 19	1230.00	0.0660	0	None Detected	0	0	0.0047	<15.00	<0.0047
NE-200226-28 *042005399-0015*	Room 19	1230.00	0.0660	0	None Detected	0	0	0.0047	<15.00	<0.0047

Analyst(s)
Sarah Richey (15)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

Initial report from: 02/29/2020 11:59 AM

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Received Date: 02/28/2020 09:45 AM
Analysis Date: 02/29/2020
Collected Date: 02/26/2020

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm^2)	Non Asb	Asbestos Type(s)	#Structures ≥0.5μ < 5μ	#Structures ≥5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm^2)	Asbestos Concentration (S/cc)

Initial report from: 02/29/2020 11:59 AM