

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 Reinspection³.

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.

<u>Table 1</u> 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).

<u>Table 2</u> 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	
Doom 222	Plaster Ceiling Finish	Repair cracks in ceiling/walls	
Room 223	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 7400⁴. 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.

<u>Table 3</u> 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	
2/24/2020	NE-200224-2	Room 005	<0.0067 f/cc	
	NE-200227-1	Decontamination Area by Stairwell 2B	<0.0039 f/cc	
2/27/2020	NE-200227-2	Outside of Room 117	<0.0039 f/cc	
	NE-200227-3	Stairwell 2A	<0.0039 f/cc	
	NE-200228-1	Decontamination Area by Stairwell 2B	<0.0037 f/cc	
2/28/2020	NE-200228-2	Hallway outside Room 215	<0.0037 f/cc	
	NE-200228-3	Stairwell 2A	<0.0037 f/cc	
	NE-200302-1	Hallway outside Stairwell 2B	<0.0036 f/cc	
3/2/2020	NE-200302-2	Hallway outside Room 214	<0.0036 f/cc	
	NE-200302-3	Stairwell 2A	<0.0036 f/cc	
	NE-200304-1	Hallway by Stairwell 3B	0.0034 f/cc	
3/4/2020	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	
3/3/2020	NE-200305-2	Stairwell 2A	<0.0031 f/cc	
3/6/2020	NE-200306-14	Maintenance Room	<0.0039 f/cc	
3/0/2020	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:

- > TEM⁵ 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/mm²)

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.

<u>Table 4</u> 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
	NE-200305-3	Room 321	<0.0022 f/cc
	NE-200305-4	Room 321	<0.0022 f/cc
3/5/2020	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
	NE-200305-10	2 nd Floor Girls Locker Room	0.0287 f/cc ¹
	NE-200305-11	2 nd Floor Girls Locker Room	0.0034 f/cc
3/5/2020	NE-200305-12	2 nd Floor Girls Locker Room	0.0203 f/cc ¹
	NE-200305-13	2 nd Floor Girls Locker Room	0.0243 f/cc ¹
	NE-200305-14	2 nd Floor Girls Locker Room	0.0213 f/cc ¹
	NE-200309-1	2 nd Floor Girls Locker Room	<0.0022 f/cc ²
	NE-200309-1	2 nd Floor Girls Locker Room	<0.0022 f/cc ²
3/9/2020	NE-200309-1	2 nd Floor Girls Locker Room	<0.0022 f/cc ²
	NE-200309-1	2 nd Floor Girls Locker Room	<0.0022 f/cc ²
	NE-200309-1	2 nd Floor Girls Locker Room	<0.0022 f/cc ²
	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
3/10/2020	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

Initial results exceeding EPA clean air criteria Second round collected after recleaning 1:

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

February-March 2020				
Date	Sample ID	Sample Location	Analytical Results	
	NE-200226-1	Room 003	<15 S/mm ²	
	NE-200226-2	Room 003	<15 S/mm ²	
2/26/2020	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	
	NE-200226-19	Chorus Room	<15 S/mm ²	
	NE-200226-20	Chorus Room	<15 S/mm ²	
2/26/2020	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	
	NE-200226-24	Room 21	<15 S/mm ²	
	NE-200226-25	Room 21	<15 S/mm ²	
2/26/2020	NE-200226-26	Room 19	15 S/mm²	
	NE-200226-27	Room 19	<15 S/mm ²	
	NE-200226-28	Room 19	<15 S/mm ²	
	NE-200303-6	Second Floor – Corridor A	15 S/mm²	
	NE-200303-7	Second Floor – Corridor A	<15 S/mm²	
3/3/2020	NE-200303-8	Second Floor – Corridor A	<15 S/mm²	
	NE-200303-9	Second Floor – Corridor A	<15 S/mm ²	
	NE-200303-10	Second Floor – Corridor A	<15 S/mm ²	
	NE-200306-6	Third Floor – Corridor A	15 S/mm²	
	NE-200306-7	Third Floor – Corridor A	15 S/mm²	
3/6/2020	NE-200306-8	Third Floor – Corridor A	<15 S/mm²	
	NE-200306-9	Third Floor – Corridor A	15 S/mm²	
	NE-200306-10	Third Floor – Corridor A	15 S/mm²	

Table Notes:

S/mm²: 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

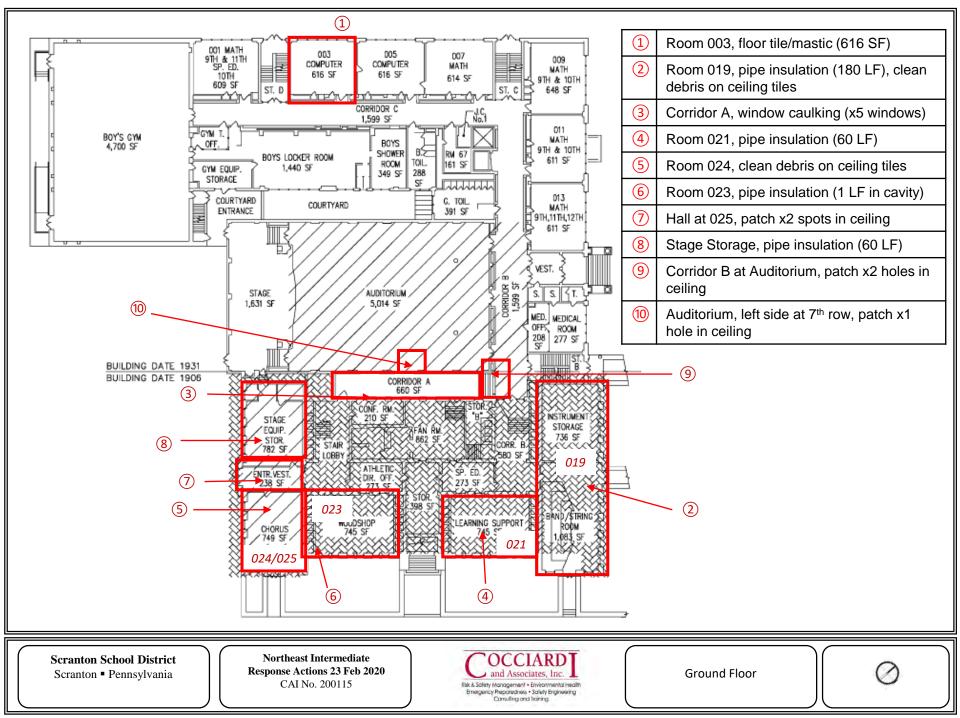
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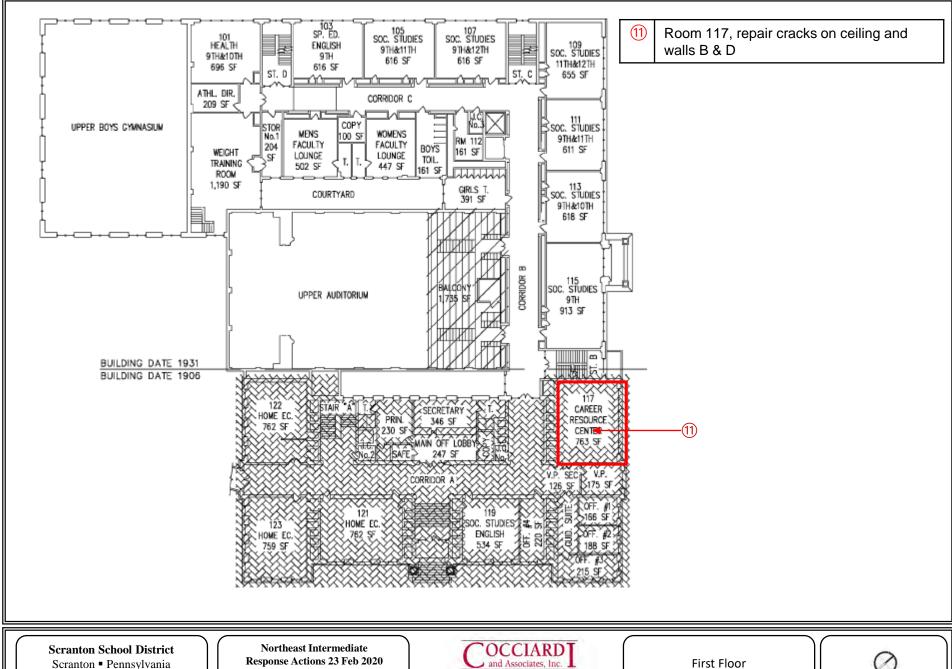
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Attachments

APPENDIX A

Floor Plans

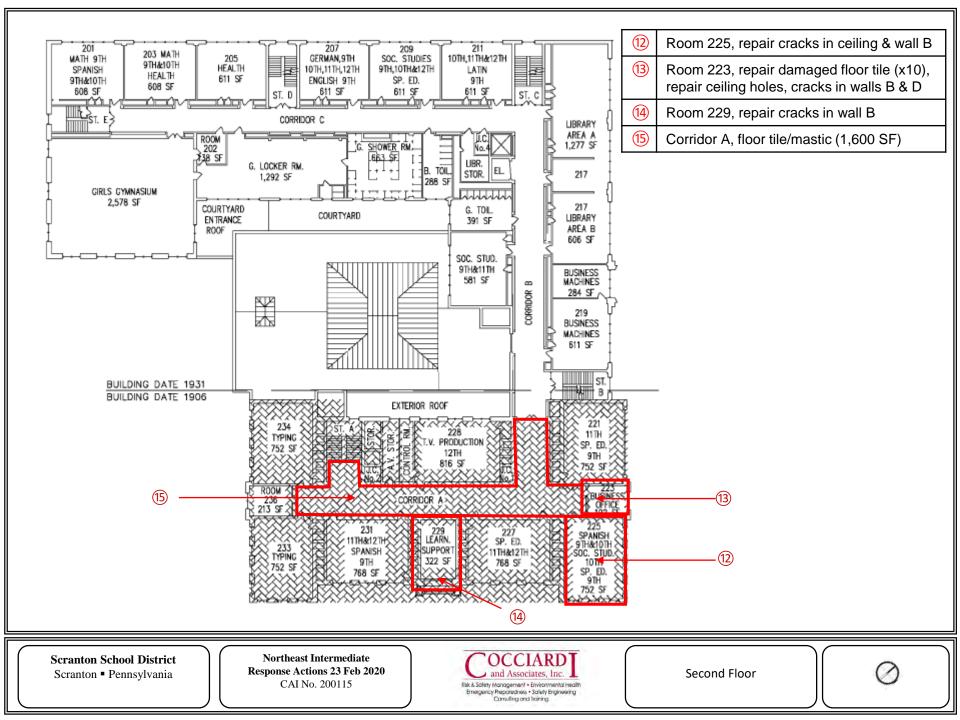


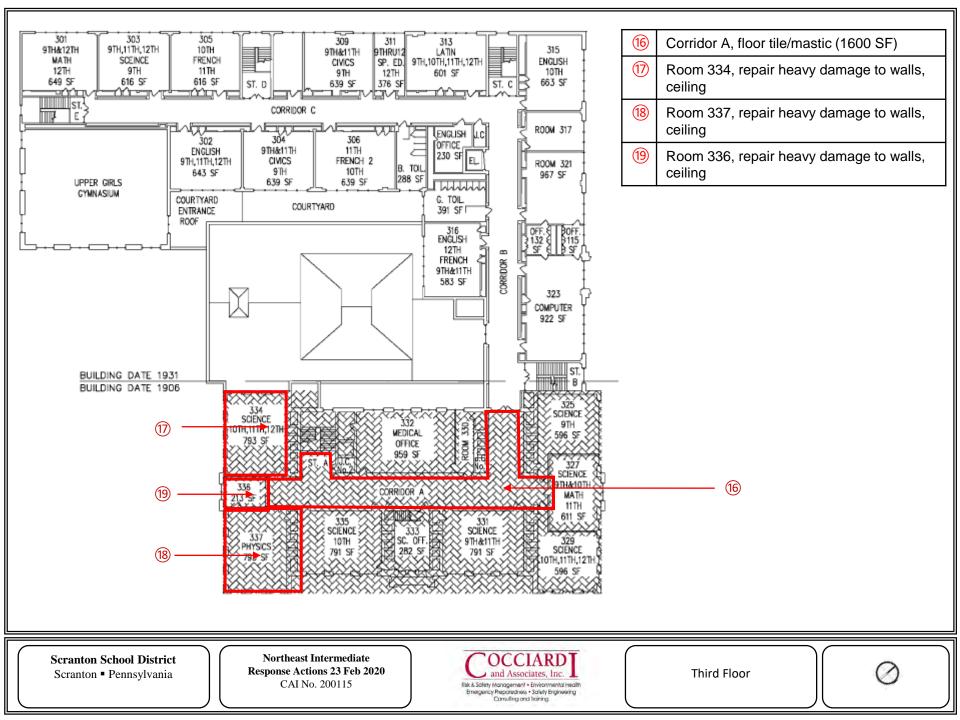


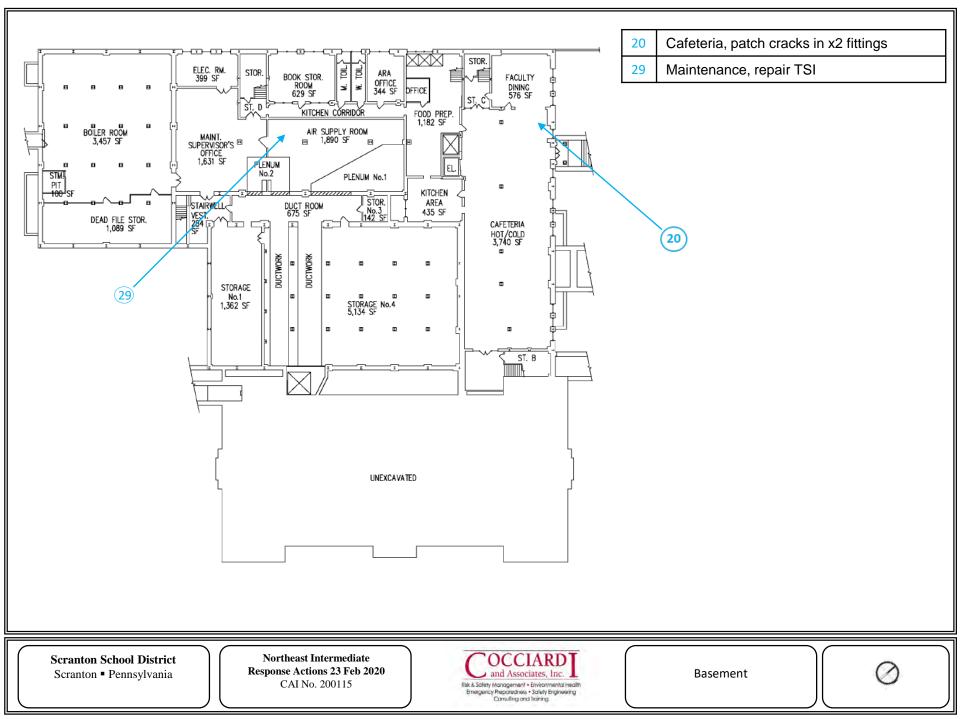
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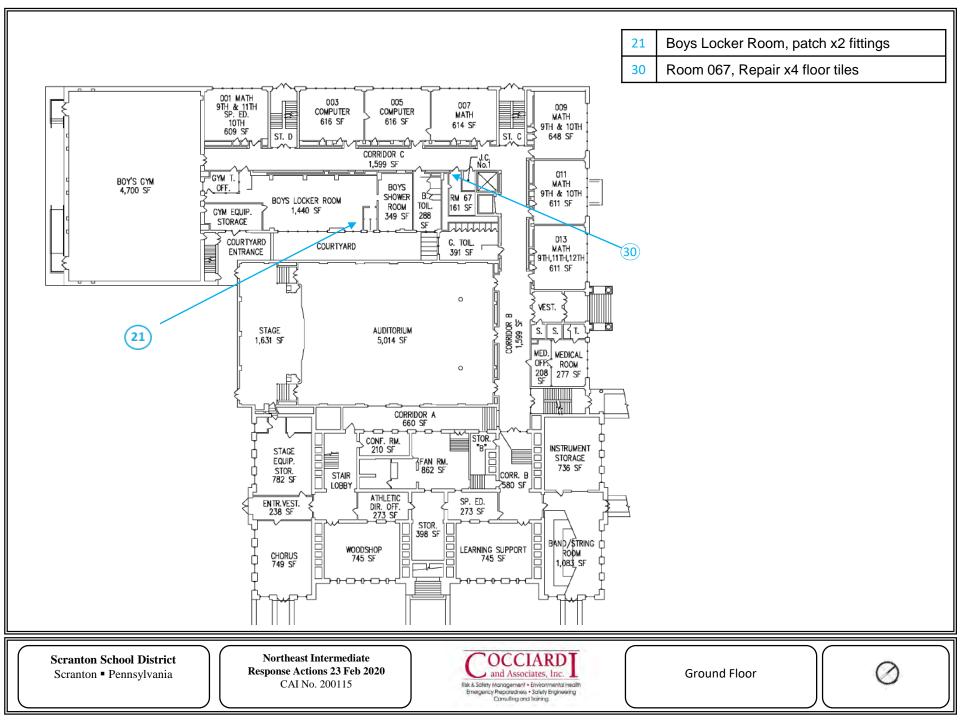


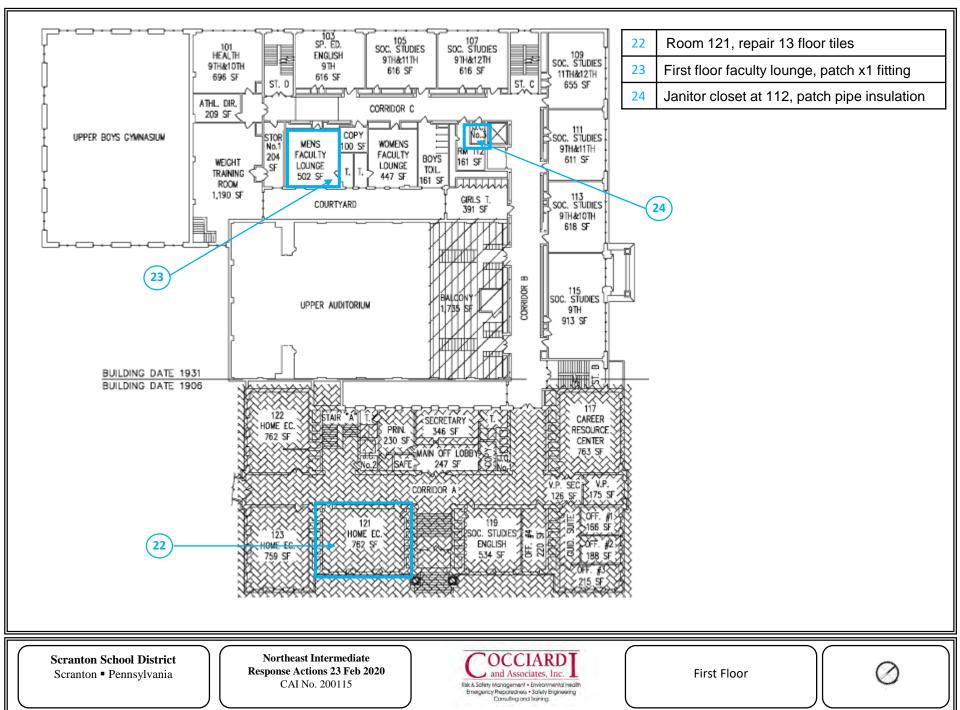


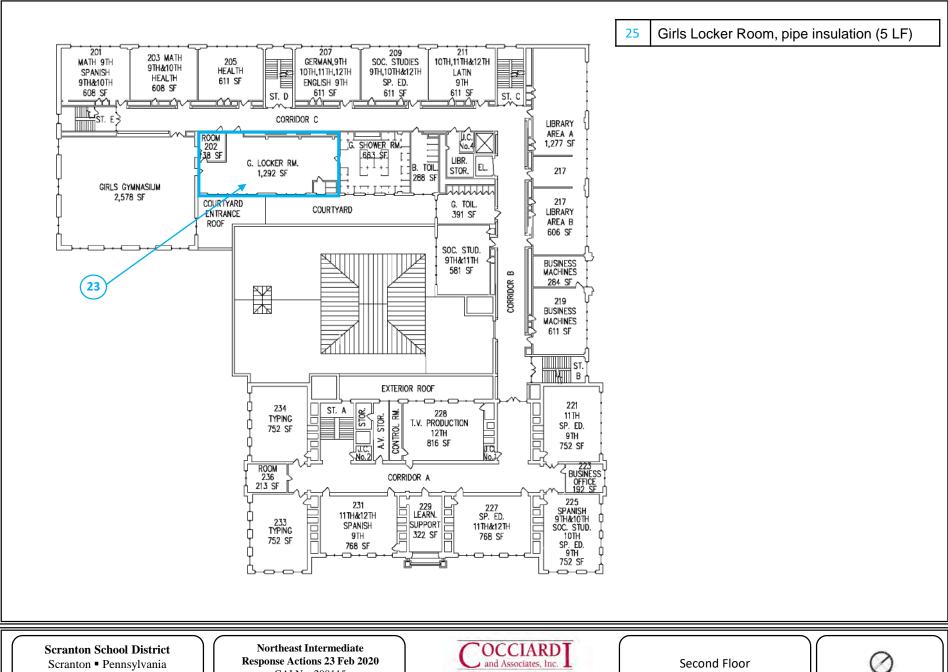








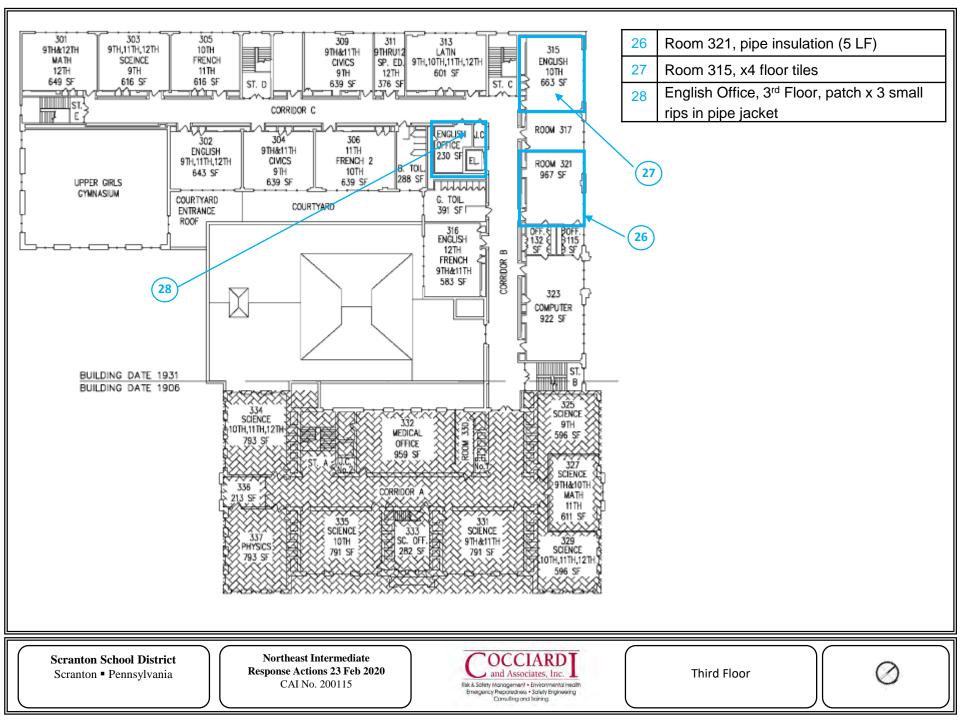




CAI No. 200115







APPENDIX B

Sign-In Sheets

OCCIARD.	I
and Associates, Inc.	1

Date: 3-9-7020
Project: North East Intermediate

Print Name	Signature	PA License Number	Classification
Joseph & Clever	Soldy	046238	Worker Supervisor
Danien Lugar	The	- 0559601	Worker Supervisor
			Worker Supervisor
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Project Monitor: Douglas Vanberthuysen



COCCIARD I	-
and Associates, Inc. 1	

Project: North East Intermediate

Print Name	Signature	PA License Number	Classification
Joseph M Clave	One MC	046238	Worker Supervisor
Damion Keyer	The	055969	Worker Supervisor
			Worker Supervisor
, A 11(1) 11(1) 11(1)			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanberthupsen

Project: North East Intermediate

Print Name	Signature	PA License Number	Cla	ssification
Jarnell Bruggs	Tansker	057588	Worker	Supervisor
bother Wilson		056219	Worker	Supervisor
Damion Rugar	mit	055969	Worker	Supervisor
Joseph in Clever	Jah Me	046238	Worker	Supervisor
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Project Monitor: Douglas Varbenthuysen

Date: 3-4-2020

Project: Scrantan School District

200115

Print Name	Signature	PA License Number	Classification
Joseph M Clever	GUNL_	046238	Worker Supervisor
Dannell Braggs	Thinkhan	057588	Worker Supervisor
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Project Monitor: Douglas Vanber thuysen

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and Associates, Inc. 1	

Date: 3-3-2020

Project: North East Intermediate

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Print Name	Signature	PA License Number	Classification
Joseph Mclever	Saluc_	046238	Worker Supervisor
Little Wilson	fortuntil	056219	Worker Supervisor
Danies Rogar	1 des	055969	Worker Supervisor
Larnell Braggs	Vimla	057588	Worker Supervisor
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Project Monitor: Douglas Vanberthuysen

Project: NorthFas + Intermediate
200115

Print Name	Signature	PA License Number	Classification
Danion Lucar	Him	255969	Worker Supervisor
Iseph M. Clever	Spine	046238	Worker Supervisor
Jim Welch	Dinny Wells	056218	Worker Supervisor
hather Wilson	Putteriller	056219	Worker Supervisor
Mile Best	Julie next	057615	Worker Supervisor
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Project Monitor: _	Vanberthuysen	

Project: 2-28-2020
Project: 550 NathFast
Intermediate

Print Name	Signature	PA License Number	Classification
Joseph M Cleve	Soul Mr	046238	Worker Supervisor
Hound Gill	Daniel In	047929	Worker Supervisor
Sean Bit King	Ser Buhis	No License Prep work only	Worker Supervisor
Town 11 Brugge	Thurthy	057588	Worker Supervisor
Lyther Wilson	Puthing if	056219	Worker Supervisor
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Project Monitor: Douglas Vanberthysen

Date: 2-27-2020

Project: NorthEast Int. Abatement

200115

Print Name	Signature	PA License Number	Classification
Lither Wilson	Futher 1	056219	Worker Supervisor
Joseph Clever	MM	646238	Worker Supervisor
Sean Bicking Howard Bira	Sem Biching	No License Only Prop Work	Worker Supervisor
Howard Bira	Hama Com	047929	Worker Supervisor
Darnell Braggs	Vander	057588	Worker Supervisor
			Worker Supervisor
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A CONTRACTOR OF THE CONTRACTOR		2 - 8-1	Worker Supervisor
			Worker Supervisor
			Worker Supervisor
	* 1		Worker Supervisor
			Worker Supervisor
			Worker Supervisor
			Worker Supervisor

Project Monitor: <u>Douglas</u> Vanbenthuysen

Project: North East Int. Abatement

Print Name	Signature	PA License Number	Classification
Joseph MCLEUR	Stra	046238	Worker Supervisor
HOWAR Bird	Hund Ind	047929	Worker Supervisor
Suy Ardizani G	Andini 1	043031	Worker Supervisor
Lytherwilson of	while	056219	Worker Supervisor
Sean Bicking	Seen Beeting	No License Only Prop WOR	Worker Supervisor
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	*		Worker Supervisor
			Worker Supervisor
		,	Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanberthuyses

Date: 2-25-2020

Project: North East Int. Abatement

200115

Print Name	Signature	PA License Number	Classification
Little Wilson	Lutherallilyon	056219	Worker Supervisor
Howard BIRA	Dum Gind	047929	Worker Supervisor
Demien Rugar	Jan	055969	Worker Supervisor
Darnell Braggs	Talle	057588	Worker Supervisor
Mike Best	May Best	057615	Worker Supervisor
Joe Clever	Luna	046238	Worker Supervisor
Gary Biotopani	Yh	053879	Worker Supervisor
our Ardizoni	Find Mar	043031	Worker Supervisor
MK&DOLISZ,	May My	056210	Worker Supervisor
Pat Swipa	De	055968	Worker Supervisor
Jake Kongasti	IM Har	050112	Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vonbenthuysen

COCCIARD	I
and Associates, Inc	1

Project: NE Int. Abatement
Room 003

Print Name	Signature	PA License Number	Classification
Joseph M Clever	SLM2	046238	Worker Supervisor
Joseph Mclever Luther A Wilson	Jen 2 - Juthanil	056219	Worker Supervisor
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			Worker Supervisor
			Worker Supervisor

Project Monitor: Douglas Vanberthuysen

Project: NE Int. Abatement
Band Room

Print Name	Signature	PA License Number	Clas	ssification
Jamion Rugar	Gille	055969	Worker	Supervisor
Howard Gift	Daniel Gray	047929	Worker	Supervisor
			Worker	Supervisor
			Worker	Supervisor
			Worker	Supervisor
	1		Worker	Supervisor
			Worker	Supervisor
	× 1		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

Project Monitor: Douglas Varberthuysen PA DOLI License #: 060190 Client/Project: Scranton School District Job #: 200115 Work Area(s): North East Intermediate Work Type: Prep OSHA Class OSHA Class OSHA Class Emergency					
ltem	Yes	No	N/A		
NESHAP Current and Onsite					
All contractor personnel have current license	ď				
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:	4				
Workers donning RPE per exposure assessment:	9				
All workers entering work area signed in	v v				
All removal in accordance with approved methods	哩				
Decontamination Area Established	ď				
Workers practice adequate decontamination procedures	ď				
Net methods utilized	o				
Vaste management acceptable (labels, double bags, etc.)	ď		П		

3-9-2020

Date:

Cocciardi and Associates, Inc. Asbestos Project Monitor Daily Checklist

	00L1 License #: <u>2001 (</u>	V	0_
Vork Area(s): North East Intermediate Bon			gency
ltem	Yes	No	N/A
NESHAP Current and Onsite	Ø		
All contractor personnel have current license	o o		
Critical barriers in place and acceptable	Ø		
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:	0		
All workers entering work area signed in	9		
All removal in accordance with approved methods	9		
Decontamination Area Established			
Workers practice adequate decontamination procedures	0		
Wet methods utilized	9		
Waste management acceptable (labels, double bags, etc.)	T4		

Project Monitor: Douglas Vanberthuysen PAD			70
Client/Project: Scranton School District Job			
Nork Area(s): 3rt Floor Hallway A, 2rt	Floor Loc	Ker Room	
Work Type: Prep OSHA Class II	OSHA Clas	s III Emer	gency
Item	Yes	No	N/A
NESHAP Current and Onsite			
All contractor personnel have current license			
Critical barriers in place and acceptable	0		
Manometer reading minimum of -0.02" w/c			
Negative Air Units @ minimum 4 air exchanges/hour	0		
Workers donning adequate PPE:	0		
Workers donning RPE per exposure assessment:			
All workers entering work area signed in	8		
All removal in accordance with approved methods	e		
Decontamination Area Established			
Workers practice adequate decontamination procedures	Ø		
Wet methods utilized			
Waste management acceptable (labels, double bags, etc.)			

	#: 2001	15	
Vork Type: Prep OSHA Class II			gency
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:	V		
Workers donning RPE per exposure assessment:	B		
All workers entering work area signed in	Ø	Ó	
All removal in accordance with approved methods	9		
Decontamination Area Established			
Workers practice adequate decontamination procedures	a		
Wet methods utilized			
Waste management acceptable (labels, double bags, etc.)	М		П

3-4-2020

Date:

roject Monitor: Duglas Vanberthuysen PAD	OLI License	#: <u>0001</u>	10
		15	-
Jork Area(s): North East Intermediate			
ork Type: Prep OSHA Class II	OSHA Cla	ss III Emer	gency
Item	Yes	No	N/A
NESHAP Current and Onsite	Ø		
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	0		
Workers practice adequate decontamination procedures	9		
Vet methods utilized	<u>r</u>		
Vaste management acceptable (labels, double bags, etc.)	P	П	

roject Monitor: Douglas Vanberthuyses PAD Client/Project: Scranton School District Job	OLI License	#: <u>0601</u>	70
Vork Area(s): Northeas Internedicate Vork Type: Prep OSHA Class D OSHA Class II	#:OSHA Cla	N MC BAN	gency
ltem	Yes	No	N/A
NESHAP Current and Onsite	8		
All contractor personnel have current license			
Critical barriers in place and acceptable			
Manometer reading minimum of -0.02" w/c	ď		
Negative Air Units @ minimum 4 air exchanges/hour	Ø		
Vorkers donning adequate PPE:			
Vorkers donning RPE per exposure assessment:			
All workers entering work area signed in	Ø		
all removal in accordance with approved methods	9		
Decontamination Area Established			
Vorkers practice adequate decontamination procedures	e e		
Vet methods utilized	4		
Vaste management acceptable (labels, double bags, etc.)	N		n

Client/Project: Scrattan SD Job Work Area(s): NoAh East Internediate	#: 200 2nd Place	or Hall	way
Vork Type: Prep OSHA Class II	OSHA Cla	ss III Emer	gency
ltem	Yes	No	N/A
NESHAP Current and Onsite			
All contractor personnel have current license	D		
Critical barriers in place and acceptable			
Manometer reading minimum of -0.02" w/c	V		
Negative Air Units @ minimum 4 air exchanges/hour			
Workers donning adequate PPE:	9		
Workers donning RPE per exposure assessment:	B.		
All workers entering work area signed in			
All removal in accordance with approved methods			
Decontamination Area Established	4		
Workers practice adequate decontamination procedures			
Wet methods utilized			
Waste management acceptable (labels, double bags, etc.)	O I		П

Project Monitor: Douglas Vanberthuusen PAD Client/Project: Scranton School District Job Work Area(s): Northeast Int. Room 117	#: 200	115	
ork Type: Prep OSHA Class II			gency
Item	Yes	No	N/A
NESHAP Current and Onsite	o o		
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	ø′		
Workers donning adequate PPE:	Ø		
Workers donning RPE per exposure assessment:	ď		
All workers entering work area signed in	Ø		
All removal in accordance with approved methods	Ø	6	
Decontamination Area Established	U		
Workers practice adequate decontamination procedures	Ø		
Vet methods utilized	Ø'		
Vaste management acceptable (labels, double bags, etc.)	P		П

Project Monitor: Paylas Varberthrysen PA DOLI License #: 060190 Client/Project: Scranton School District Job #: 200115 Work Area(s): North Tast Int. Room 003, Band Room 019, 021, Charus Room Work Type: Prep OSHA Class II OSHA Class III Emergency							
Item	Yes	No	N/A				
NESHAP Current and Onsite	D						
All contractor personnel have current license	回						
Critical barriers in place and acceptable	□ □						
Manometer reading minimum of -0.02" w/c	Ø						
Negative Air Units @ minimum 4 air exchanges/hour	Ø						
Workers donning adequate PPE:	Ø						
Workers donning RPE per exposure assessment:	Ø						
All workers entering work area signed in	Q						
All removal in accordance with approved methods	g						
Decontamination Area Established	ď						
Workers practice adequate decontamination procedures	ď						
Wet methods utilized	o o						
Waste management acceptable (labels, double bags, etc.)	Q						

Project Monitor: Douglas Vanbenthuysen PAI Client/Project: Scranton School District Job Work Area(s): North East Int. Room 003 + Work Type: Prep OSHA Class D OSHA Class II	Band P	from (Prep	gency
Item	Yes	No	N/A
NESHAP Current and Onsite			
All contractor personnel have current license	V		
Critical barriers in place and acceptable			
Manometer reading minimum of -0.02" w/c	e/		
Negative Air Units @ minimum 4 air exchanges/hour	ď		
Workers donning adequate PPE:	U ·		
Workers donning RPE per exposure assessment:	4		
All workers entering work area signed in			
All removal in accordance with approved methods			
Decontamination Area Established	D'		
Workers practice adequate decontamination procedures	9		
Wet methods utilized			
Waste management acceptable (labels, double bags, etc.)	P	П	

APPENDIX D

Laboratory Analytical Reports and Chain Of Custody Forms



Asbestos Chain of Custody EMSL Order Number (lab use only):

CIVIOL Alidiyulai, IIIC. 200 Route 130 North

Cinnaminson, NJ 08077 1-800-220-3675

EMSL ANALYTICAL, INC.		04	20066	3(1 3	HHÁ	maminsq Military Military		786-5974
Company Name : Cocciard	i & Asso	ciates Inc.	E	MSL Cust	omer I	D:	2020 1	TAR	11		
Street: 1337 Veterans M	lemorial	Drive		ity: Jessu		-		State or Province: PA			
Zip/Postal Code: 18434		Country: US		elephone		291003			570-29	_	170 700 700
The state of the s	w O'Boy					esults via: Fax Email				,,,,	
email Address: moboyle	@coccia	rdi.com			7			ax	Email	-	
Client Project ID: SSD-200124	80000			urchase O MSL Proje	-					-	
State or Province Collected:	PA			T only 🔲					sidential/	Tax I	Exempt
EMSL-Bill to: Same	Different -	If bill to is different not									
	السائل المستورة	Turnaround T	ime (TAT) (options Ple	ase C	heck	grodunos	, in the same	Gatilonizal	OII III	on third party
3 Hr ¹ 4-4.5Hr ¹		6 Hr ¹ 🔳 24 Hr	☐ 32 Hr²	☐ 48 Hr		72 Hr		Hr	☐ 1 We	ek	2 Week
¹ Premium Service Charge applies for 3 ² 32 Hour TAT available for select tests	Hour TEM only, samp	AHERA or EPA Level II TA les must be submitted by 1	AT – you will be 11:30 am.	asked to sign a	an author	ization for	m. TEM Air	3-6 Ho	ur, please c	ill ahe.	ad to schedule
PCM - Air		TEM - Air1			TEM	- Settle	d Dust	100			
NIOSH 7400		☐ AHERA 40 CF	R, Part 763			licrovac - ASTM D 5755					
☐ w/ OSHA 8hr. TWA		☐ NIOSH 7402			1 P. T. S. L. S.	TO THE STATE	STM D64				
PLM - Bulk (reporting limit)	4073	EPA Level II							600/J-93/		
□ PLM EPA 600/R-93/116 (□ PLM EPA NOB (<1%)				Soil - Rock - Vermiculite (reporting limit)				200			
Point Count		TEM - Bulk			 ☐ PLM EPA 600/R-93/116 with milling prep (<0.25 ☐ TEM EPA 600/R-93/116 with milling prep (<0.15 			A CAN LEGISLAND			
The state of the s	00 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS NOB 198.4 (non-friable-N		-NY)	☐ TEM Qualitative via Filtration Prep			ep (<0.1%)				
Point Count w/Gravimetric	[H. 2018] - 1. H.		Y A S S S S S S S S S S S S S S S S S S	☐ TEM Qualitative via Drop Mount Prep							
☐ 400 (<0.25%) ☐ 1000 (<0.	1%)									PLM/TEM	
NYS 198.1 (friable - NY)		TEM - Water: EPA		άλου». I					s avaialble	оп ге	quest
NYS 198.6 NOB (non-friab	ile-NY)	Fibers >10µm	Waste □	Drinking	Othe	r test (p	olease sp	ecify	1:		
NYS 198.8 SOF-VNIOSH 9002 (<1%)		All Fiber Sizes	Waste	Drinking							
☐ Stop At First Positive (cle	arly iden	tify homogenous a	reas below)	Filter	Pore S	ize (Air	Sample	s): [] 0.8µm	П	0.45µm
.0 //	hew	OBoule		Sampler's	7		Mu	5	B	le	
Sample #		Sample Descr	iption/Loca	tion			Volume, lomogen				te/Time ampled
1 Rig	ght Du	ict, far wall					1200 L		3	10/2	0; 0945
² Rig	Right Duct, near door					1200 L	4	3.	10/2	0; 0946	
3 Lef	Left Duct, Far wall					1200 L		3.	10/2	0; 0950	
4 Le	Left Duct, Near machine					1200 L		3.	10/2	20; 0952	
5 Lef	t Duct,	near door					1200 L		3.	10/2	0; 0954
Client Sample # (s): 1			- 5			To	otal # of S	Samp	les: 5		
Relinquished by (Client):	atthe	OBole	Date:	10/20	0				Time: /	200	
Received by (Lab):	M	1	Date:	L	1111	lu			Time:	-).	ጎሪ
Comments/Special Instruction	ins:										

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.

Page 1 of 2



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

Page 2 of 2 pages



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

						- 11	100-3314
Company Name : Cocci	ardi & Asso	ciates Inc.	EMSL Cust	omer ID:			AM 9: 44
Street: 1337 Veteran	s Memorial	Drive	City: Jessu	ıp		State or Pr	rovince: PA
Zip/Postal Code: 18434		Country: US	Telephone	#: 570-291-	-0030 Fax #: 570-291-0035		
Report To (Name): Do	uglas Vanbe	enthuysen	Please Provide Results via: Fax Email				
email Address: dvanb	enthuysen@	@cocciardi.com	Purchase Order Number:				
	theast 200115		EMSL Proje				
State or Province Collec			-				tial/Tax Exempt
EMSL-Bill to: Same	□ Different -	If bill to is different note instructi	ions in comment.	Third party bi	illing requires	written autho	rization from third party
☐ 3 Hr¹ ☐ 4-4.5Hr¹	AHERA Only	Turnaround Time (TA 6 Hr ¹ 2 4 Hr 32 H	the state of the s	ase Check		Hr 🗆 1	Week 2 Week
Premium Service Charge applies	for 3 Hour TEM	AHERA or EPA Level II TAT – you will les must be submitted by 11:30 am.					
PCM - Air		TEM - Air1		TEM- Set	tled Dust		
■ NIOSH 7400		AHERA 40 CFR, Part 7	763	☐ Microv	ac - ASTM	D 5755	
☐ w/ OSHA 8hr. TWA		☐ NIOSH 7402	☐ Wipe - ASTM D6480				
PLM - Bulk (reporting lim	-	☐ EPA Level II		☐ Carpet Sonication (EPA 600/J-93/167)			
				ck – Vermi			
PLM EPA NOB (<1%) Point Count				EPA 600/R-93/116 with milling prep (<0.25%)			
그렇게 하는 어느 없는 사람들은 사람들은 아니라 나를 보고 있다면 살아 있다면 그렇게 되었다면 그렇게		EPA 600/R-93/116 with milling prep (<0.1%)* Qualitative via Filtration Prep					
Point Count w/Gravimetric TEM EPA 600/R-93/116 with							
☐ 400 (<0.25%) ☐ 1000 (<0.1%) prep (<0.1%)						-04/004 - PLM/TEM	
NYS 198.1 (friable - N		TEM - Water: EPA 100.2			the second secon	and the second second second	alble on request
☐ NYS 198.6 NOB (non-	mable-NY)	Fibers >10µm	Drinking	Other tes	st (please specify):		
☐ NIOSH 9002 (<1%)		All Fiber Sizes Waste	☐ Drinking				
	(clearly iden	tify homogenous areas bel	ow) Filter	Pore Size (Air Şample	s): 🔳 0.8	µm □ 0.45µm
Sampler's Name: Doug	las Vanbe	nthuysen	Sampler's	s Signature	: La	9/2	- Public
Sample #		Sample Description/L	ocation	07,854		Area or lous Area	Date/Time Sampled
NE-200306-14	Mainten	ance Room			689 L		3-6-2020
NE-200306-15	Deconta	mination Area outsid	le Boiler Ro	oom	691 L		3-6-2020
NE-200309-1	Maintena	Maintenance Room			1105	L	3-9-2020
NE-200309-2	Girls Locker Room 2nd Floor			1200	L	3-9-2020 1417-1537	
NE-200309-3		ker Room 2nd Floor			1200	L	3-9-2020 1417-1537
Client Sample # (s): NE-2	200306-14	- NE	-200309-6		Total # of	Samples:	
Relinquished by (Client):	Lang	Date	: 3-9-2	2020		Time	: 5:00 PM
Received by (Lab):	On	Date)	1-10- W	0	Time	() ()
Comments/Special Instru	ctions:						

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.

Page 1 of 2



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

042006489

EMSL Analytical, Inc. 200 Route 130 North

2020 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-200309-4	Girls Locker Room 2nd Floor	1200 L	3-9-2020
NE-200309-5	Girls Locker Room 2nd Floor	1200 L	1417-153
NE-200309-6	Girls Locker Room 2nd Floor	1200 L	3-9-2020
Comments/Special Inst	ructions:		

Page 2 of 2 pages

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.



Asbestos Chain of Custody EMSL Order Number (lab use only):

042006309

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson NJ 08077 1-800-220_/3675 2020 MAR (856) 786-5974

Company Name: Cocciardi & Associates Inc.			EMSL Customer ID:			
	ns Memorial		City: Jessu		State or P	rovince: PA
Zip/Postal Code: 1843	34	Country: US	Telephone	#: 570-291-0030		0-291-0035
	ouglas Vanbe			vide Results via:	☐ Fax ■ E	mail
	benthuysen@	@cocciardi.com		order Number:		
Committee of the Commit	fortheast 200115			ect ID (internal use	only):	
State or Province Colle	cted: PA			Commercial/Taxa	The state of the s	ntial/Tax Exempt
EMSL-Bill to: Same	Different	- If bill to is different note instruction				
		Turnaround Time (TA)			falled Hiller doll	onzanom mom tima party
☐ 3 Hr ¹ ☐ 4-4.5Hr	Omy		r ²	☐ 72 Hr ☐		Week 2 Week
Premium Service Charge application 12 Premium Service Charge applicati	es for 3 Hour TEM of tests only, samp	AHERA or EPA Level II TAT – you will les must be submitted by 11:30 am.	be asked to sign a	an authorization form. 1	EM Air 3-6 Hour, ple	ase call ahead to schedule
PCM - Air		TEM - Air1		TEM- Settled D	ust	
☐ NIOSH 7400		AHERA 40 CFR, Part 76	63	☐ Microvac - A	STM D 5755	
☐ w/ OSHA 8hr. TWA ☐ NIOSH 7402			☐ Wipe - ASTM	D6480		
PLM - Bulk (reporting limit) EPA Level II			☐ Carpet Sonic	ation (EPA 600/.	J-93/167)	
☐ PLM EPA 600/R-93/116 (<1%) ☐ ISO 10312			Soil - Rock - V	ermiculite (repo	orting limit)	
☐ PLM EPA NOB (<1%	The state of the s		☐ PLM EPA 60	0/R-93/116 with	milling prep (<0.25%)	
Point Count	☐ TEM EPA NOB ☐ TI		☐ TEM EPA 60	0/R-93/116 with	milling prep (<0.1%)*	
☐ 400 (<0.25%) ☐ 100		NYS NOB 198.4 (non-fria	the state of the s	☐ TEM Qualitat		
Point Count w/Gravimetr		☐ TEM EPA 600/R-93/116 prep (<0.1%)*	with milling	TEM Qualitat		
NYS 198.1 (friable - I		TEM - Water: EPA 100.2			etnod EPA 600/F	R-04/004 - PLM/TEM
	☐ NYS 198.1 (friable - NY) TEM - Water: EPA 10				laible on request	
☐ NYS 198.8 SOF-V	Smith Children		⊃ □ Drinking			
☐ NIOSH 9002 (<1%)		All Fiber Sizes Waste	☐ Drinking			
Stop At First Positiv	e (clearly iden	ntify homogenous areas belo	w) Filter	Pore Size (Air Sa	moles): Dos	Bµm ■ 0.45µm
0			1 0000000	4	11	1
Sampler's Name: Voc	iglas Vanb	ienthuysen	Sampler's	s Signature: 🗸	lago.	
Sample #		Sample Description/Lo	cation		ume, Area or ogenous Area	Date/Time Sampled
NE-200306-1	Room 3	04		1	215 L	3-6-2020
						0926-1047
NE-200306-2	Room 3	09		1	215 L	3-6-2620
NE-200306-3	Room 31	15		1	200 L	3-6-2020
NE-200306-4	Room 3	19		1	230 L	3-6-2020
NE-200306-5	Room 32	21		1	230 L	3-6-2020
Client Sample # (s): NE	-200306-1	. NE-	200306-13	Total	# of Samples:	
Relinquished by (Client)	1	1	3-6-		Time	
Received by (Lab):	C	M C Date:		3.9.W	Time	() A.
Comments/Special Instr		- 12000				
Only analyze samples 6-1	Ü.					

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

Page 1 of 2 pages





Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc. RECEI 200 Route 130 North EMSL

042006369

CINNAMINS Charleson, NJ 08077

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

020 MAR -9 AM 9+46 (856) 786-5974

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
NE-200306-6	Corridor A - 3rd Floor	1425 L	3-6-2026
NE-200306-7	Corridor A - 3rd Floor	1425 L	3-6-2020
NE-200306-8	Corridor A - 3rd Floor	1425 L	3-6-2020
NE-200306-9	Corridor A - 3rd Floor	1425 L	3-6-2020
NE-200306-10	Corridor A - 3rd Floor	1425 L	1129-1304 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 Ins			

Page 2 of 2 pages

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.



Asbestos Chain of Custody EMSL Order Number (lab use only):

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077 1-800-220-3675 2070 Ma (856) 786-5974

042006211

ovince: PA -291-0035 ail ial/Tax Exempt ization from third party Week 2 Wee se call ahead to schedule		
ial/Tax Exempt ization from third party Week 2 Wee se call ahead to schedule		
-291-0035 ail ial/Tax Exempt ization from third party Week 2 Wee se call ahead to schedule		
ial/Tax Exempt ization from third party Week		
ial/Tax Exempt ization from third party Week		
ization from third party Week		
ization from third party Week		
ization from third party Week		
Week 2 Wee se call ahead to schedule		
se call ahead to schedule 93/167)		
93/167)		
ciris initial		
illing prep (<0.25%)		
nilling prep (<0.1%)*		
rep		
it Prep		
☐ Cincinnati Method EPA 600/R-04/004 - PLM/TEM		
lble on request		
ım □ 0.45µm		
п 0.45рт		
Date/Time Sampled		
3-4-2020		
08521505		
3-4-2020		
0855-1509		
11717		
4:00 PM		
9.70		
(a)		
363636		

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.

Page 1 of 1



Asbestos Chain of Custody EMSL Order Number (lab use only).

04206195

EMSL Analytical, Inc. EIVED 200 Route 130 North

Cinnamin 1-800-220-36750: 39

Company Name : Co			EMSL Cust	omer ID:		
Street: 1337 Vete	rans Memorial		City: Jessup			Province: PA
Zip/Postal Code: 184	434	Country: US	Telephone	#: 570-291-	0030 Fax #:	570-291-0035
Report To (Name):	Douglas Vanbe	enthuysen	Please Provide Results via: ☐ Fax ■ Email			
email Address: dva	anbenthuysen@	@cocciardi.com	Purchase C	rder Numb	er:	
	D Northeast 200115		EMSL Proje	ct ID (intern	al use only):	
State or Province Col	lected: PA		CT only	Commercia	I/Taxable 🗌 Resid	ential/Tax Exempt
EMSL-Bill to: Sar	ne 🗌 Different	- If bill to is different note instructions	in comment.	Third party bi	lling requires written au	thorization from third party
□ 3 Hr¹ □ 4-4.5H	Hr1 AHERA	Turnaround Time (TAT)		ease Check] 1 Week │
'Premium Service Charge ap	plies for 3 Hour TEM	AHERA or EPA Level II TAT - you will be				
PCM - Air	elect lests only; samp	Ites must be submitted by 11:30 am		TEM- Set	tlad Dust	
■ NIOSH 7400		AHERA 40 CFR, Part 763		-	ac - ASTM D 5755	
W OSHA 8hr. TWA					ASTM D6480	
PLM - Bulk (reporting				Sonication (EPA 60	0/1-93/167\	
☐ PLM EPA 600/R-93	77.7			ck - Vermiculite (re		
☐ PLM EPA NOB (<1°	70.4				To the state of th	
Point Count				EPA 600/R-93/116 with milling prep (<0.25% EPA 600/R-93/116 with milling prep (<0.1%)		
□ 400 (<0.25%) □ 10	000 (<0.1%)	NYS NOB 198.4 (non-friab	le-NY)	The second secon	tualitative via Filtration	
Point Count w/Gravimetric		☐ TEM EPA 600/R-93/116 w	ith milling	☐ TEM Qualitative via Drop Mount Prep		
☐ 400 (<0.25%) ☐ 10		prep (<0.1%)'		☐ Cincinnati Method EPA 600/R-04/004 – PLM/TEM		
☐ NYS 198.1 (friable			I married	Lower reporting limits available on request		
NYS 198.6 NOB (n	on-mable-NY)	Fibers >10µm	other test (please specify):			
☐ NYS 198.8 SOF-V☐ NIOSH 9002 (<1%))	All Fiber Sizes Waste] Drinking			
Stop At First Posit	ive (clearly ider	ntify homogenous areas below	Filter	Pore Size (Air Samples):	0.8µm 🔲 0.45µm
Sampler's Name: De			Yarra all	s Signature	4-1-	
Sample #		Sample Description/Loc	ation		Volume, Area or Homogenous Are	a Sampled
NE-200305-1	Hallway	by stairwell 3B			876 L	3-5-2020
NE-200305-2	Stairwell	2A			862 L	3-5-2020
NE-200305-3	Room 32	1			1245 L	3-5-2020
NE-200305-4	Room 3	21			1245 L	3-5-2020
NE-200305-5	Room 32	21			1245 L	3-5-2020
Client Sample # (s): N	NE-200305-1	- NE-20	0305-14		Total # of Samples	s: 14
Relinquished by (Clie	nt): Long	Date:	3-5-	2020	Ti	me: 5:00 PM
Received by (Lab): Comments/Special Ins	My	7-366 Date:	7	1-6-20	Ť	me: Tita
						15 CH)

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

EMSL Analytical, Inc.'s (OBA, 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.

Page 1 of 2



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

042006195

EMSL Analytical Inc. 200 Route 130 North

2020 MinRaminson, NJ 08077

(856) 786-5974

Additional Pages of the C	hain of Custody a	re only necessary	r if needed for
additional sample informa			

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled	
NE-200305-6	Room 321	1260 L	3-5-2020	
NE-200305-7	Room 321	1260 L	3-5-2020	
NE-200305-8	Personal Sample - Excursion limit	66 L	3-5-2020	
NE-200305-9	Personal Sample - Full Shift	629 L	3-5-2020	
NE-200305-10	2nd Floor Girls Locker Room	1230 L	3-5-2020	
NE-200305-11	2nd Floor Girls Locker Room	1230 L	3-5-2020	
NE-200305-12	2nd Floor Girls Locker Room	1230 L	3-5-7020	
NE-200305-13	2nd Floor Girls Locker Room	1230 L	3-5-2020	
NE-200305-14	2nd Floor Girls Locker Room	1230 L	3-5-2020	
Comments/Special Ins	ructions:			

Page 2 of 2 pages

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



Asbestos Chain of Custody EMSL Order Number (lab use only):

042005887

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ, 08077 2070 HAP 1-800-220-3675 4(856),786-5974

Company Name : Coc	ciardi & Asso	ciates Inc.	EMSL Cust	omer ID:		10. 04	
	ins Memorial		City: Jessup State or Province:			rovince: PA	
Zip/Postal Code: 1843	34	Country: US	Telephone	e #: 570-291-0030 Fax #: 570-291-0035			
Report To (Name): D	ouglas Vanbe	enthuysen	Please Provide Results via: Fax Email				
email Address: dvar	nbenthuysen@	@cocciardi.com	Purchase C	Order Numbe	er:		
	Northeast 200115		EMSL Proje	ect ID (intern	al use only):		
State or Province Colle	cted: PA		CT only 🗌	Commercia	I/Taxable 🗌 Resider	ntial/Tax Exempt	
EMSL-Bill to: Same	e ☐ Different	If bill to is different note instruction: Turnaround Time (TAT)	s in comment.	Third party bit	lling requires written auth	orization from third party	
3 Hr ¹ 4-4.5Hr	Only	6 Hr1 🔳 24 Hr 🔲 32 Hr2	☐ 48 Hr	☐ 72 H		Week 2 Week	
Premium Service Charge appli	es for 3 Hour TEM	AHERA or EPA Level II TAT – you will be les must be submitted by 11:30 am.	e asked to sign .	an authorization	form. TEM Air 3-6 Hour, ple	ase call ahead to schedule	
PCM - Air		TEM - Air1		TEM- Sett	led Dust		
☐ NIOSH 7400		AHERA 40 CFR, Part 763	3	☐ Microv	ac - ASTM D 5755		
☐ w/ OSHA 8hr. TWA				☐ Wipe -	ASTM D6480		
PLM - Bulk (reporting limit) EPA Level II			☐ Carpet	Sonication (EPA 600/	J-93/167)		
☐ PLM EPA 600/R-93/116 (<1%) ☐ ISO 10312			Soil - Roo	k – Vermiculite (repo	orting limit)		
☐ PLM EPA NOB (<1%				3.25	PA 600/R-93/116 with		
Point Count			HE IN STRUCT STATE IN THE STATE OF THE STATE		M EPA 600/R-93/116 with milling prep (<0.1%)*		
☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric		☐ NYS NOB 198.4 (non-friable-NY) ☐ TEM EPA 600/R-93/116 with milling		☐ TEM Qualitative via Filtration Prep☐ TEM Qualitative via Drop Mount Prep			
400 (<0.25%) 100		prep (<0.1%)	nin mining		nati Method EPA 600/F		
☐ NYS 198.1 (friable - I	NY)	TEM - Water: EPA 100.2			ower reporting limits ava		
☐ NYS 198.6 NOB (nor			☐ Drinking Other test (please specify):				
☐ NYS 198.8 SOF-V ☐ NIOSH 9002 (<1%)		All Fiber Sizes Waste] Drinking				
Stop At First Positiv	e (clearly iden	tify homogenous areas below) Filter	Pore Size (Air Samples): 🔲 0.8	Bμm 🔳 0.45μm	
Sampler's Name: Do	0.0000000000000000000000000000000000000	PARTICIPATE TO THE PARTY OF THE	150000	s Signature:	42 1/2		
Sample #		Sample Description/Loc	ation		Volume, Area or Homogenous Area	Date/Time Sampled	
NE-200303-1	Hallway	outside Room 219			1305 L	3-3-2020	
NE-200303-2	Room 21	4			1320 L	3-3-2026	
NE-200303-3	Room 21	1			1290 L	3-3-2026	
NE-200303-4	Room 2	07			1290 L	3-3-2020	
NE-200303-5	Room 20	05			1290 L	3-3-2020	
Client Sample # (s): NE-	200303-1	- NE-20	00303-13		Total # of Samples:		
Relinquished by (Client	1: Lagl	/2 Date:	3-3-20	26	Tim	e: 4:00 PM	
Received by (Lab):	S	Date:	7	5-LLto	Tim	p: 9:44	
Comments/Special Insti Only analyze samples 6-		Duto.		(13	pul)		

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.

Page 1 of 2 pages



Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

042005887

EMSL Analytical, Inc. 200 Route 130 North

CINNAMIN Cinnaminson NU 08077

2020 MAR -E 1-800-220-3675

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	1244-1414
NE-200303-7	Hallway 2A	1350 L	3-3-2020
NE-200303-8	Hallway 2A	1335 L	3-3-2020
NE-200303-9	Hallway 2A	1335 L	3-3-2020
NE-200303-10	Hallway 2A	1335 L	3-3-2020
NE-200303-11	Field Blank	0	7-3-2020
NE-200303-12	Field Blank	0	1416 3-3-2020 1450
NE-200303-13	Lab Blank	0	3-3-2020

* Only analyze samples 6-10. *

Page 2 of 2 pages

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.



Asbestos Chain of Custody EMSL Order Number (lab use only):

EMSL Analytical, Inc. 200 Route 130 North

0412005897

Cinnaminson, NJ 08077 11-890-220-3675 2070 45 (856) 786-5974

Company Name : Cocci	ardi & Assoc	ciates Inc.	EMSL Custo	mer ID:		AN -4 AM 10: 32
Street: 1337 Veteran			City: Jessu			
Zip/Postal Code: 18434		Country: US	Telephone #			570-291-0035
Report To (Name): Do	uglas Vanbe		Please Prov	1		Email
email Address: dvanb	enthuysen@)cocciardi.com	Purchase O	rder Numbe		
	heast 200115		EMSL Proje	THE RESERVE THE PERSON NAMED IN COLUMN 2 I		
State or Province Collect	ted: PA					dential/Tax Exempt
EMSL-Bill to: Same	Different -	If bill to is different note instruction	s in comment.	Third party bil	ling requires written a	uthorization from third party
	AHERA I 🗆 a	Turnaround Time (TAT		-	15 15	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
3 Hr ¹ 4-4.5Hr ¹	AHERA Only G	S Hr ¹ 24 Hr 32 Hr ² THERA OF EPA Level II TAT – you will b	48 Hr	n authorization	form TEM Air 3-6 Hour	1 Week 2 Week
* 32 Hour TAT available for select	tests only; sample	es must be submitted by 11:30 am	a danco lo sigii d			prease can arread to scribbore
PCM - Air		TEM - Air1		TEM- Sett		
NIOSH 7400		AHERA 40 CFR, Part 76	3		ac - ASTM D 5755	
☐ w/ OSHA 8hr. TWA	***	☐ NIOSH 7402		A THE RESERVE	ASTM D6480	34407-W31
PLM - Bulk (reporting lim	777	EPA Level II		The second secon	Sonication (EPA 60	The second secon
☐ PLM EPA 600/R-93/110	6 (<1%)	☐ ISO 10312		700000000000000000000000000000000000000	k - Vermiculite (re	a long and the same of the same of
PLM EPA NOB (<1%)	77 H	TEM - Bulk		The second secon		ith milling prep (<0.25%)
Point Count ☐ 400 (<0.25%) ☐ 1000	(=0.196)	☐ TEM EPA NOB☐ NYS NOB 198.4 (non-fria	bla NV			ith milling prep (<0.1%)
Point Count w/Gravimetric		☐ TEM EPA 600/R-93/116 v	900 CAT A THE STREET	Promote A. P. St. W. A. St. St.	ualitative via Filtrati ualitative via Drop I	Control of the contro
☐ 400 (<0.25%) ☐ 1000		prep (<0.1%)	via i mining			0/R-04/004 - PLM/TEM
☐ NYS 198.1 (friable - N		TEM - Water: EPA 100.2			ower reporting limits	
☐ NYS 198,6 NOB (non-	friable-NY)	Fibers >10µm	Drinking	Other test	(please specify):	
☐ NYS 198.8 SOF-V		All Fiber Sizes Waste [Drinking			
☐ NIOSH 9002 (<1%)		The state of the state of				
☐ Stop At First Positive	(clearly ident	tify homogenous areas below	w) Filter	Pore Size (Air Samples): 🔳	0.8μm
Sampler's Name: Doug	1 1/ 4	-4		8.	Dadle	
Sampler's Name: 1/809	flas vons	comogses	Samplers	Signature	Volume, Area o	r Date/Time
Sample #		Sample Description/Lo	cation		Homogenous Ar	ea Sampled
NE- 200302-1	Hallway	outside Stairwell 2B			756 L	3-2-2020
NE- 200302-2	Hallway	outside Room 214			756 L	3-2-2020
NE 200202.2					756 L	3-2-2020
NE- 200302-3	Stairwell	ZA			750 L	0506-1524
Client Sample # (s): NE-	200302-1	- NE-	200302-3		Total # of Sample	s3
Relinquished by (Client):	1 / 1	Date:		2020	Care and other transfer or an experience of the same	ime: 4:00 PM
Received by (Lab):	On	Date:	*	3.4.70		ime: 9:12
Comments/Special Instru	ictions:	Date:				mile,
Control Control of Control (C)	(0)0 50200				1 -	11
					()/	XU /
					CF	

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.

Page 1 of ____ pages

1



Asbestos Chain of Custody EMSL Order Number (lab use only):

EIVIOL MIId	iyucai, inc.
200 Route	130 North

042005564

Cinnaminson, NJ 08077

Company Name : Co	cciardi & Asso	ciates Inc.	EMSL Cust	omer ID:	020 MAR -2	N.J.
	ans Memorial I		City: Jessup State or Province		Povince: PA	
Zip/Postal Code: 184	134	Country: US	Telephone	#: 570-291-0030		0-291-0035
Report To (Name):	Douglas Vanbe			vide Results via:	Fax EE	nail
email Address: dva	anbenthuysen@	Ococciardi.com		Order Number:		
Client Project ID: sst	Northeast 200115		EMSL Proje	ect ID (internal use or	nly):	
State or Province Col	lected: PA			Commercial/Taxabl		tial/Tax Exempt
		If bill to is different note instruction. Turnaround Time (TAT)	Options Pl	ease Check	7	
3 Hr ¹ 4-4.5H Premium Service Charge app 32 Hour TAT available for se	only Lies for 3 Hour TEM	6 Hr ¹		an authorization form. TEM		Week 2 Week
PCM - Air		TEM - Air1		TEM- Settled Dus	t	
■ NIOSH 7400		AHERA 40 CFR, Part 763	3	☐ Microvac - AST	M D 5755	
w/ OSHA 8hr, TWA				☐ Wipe - ASTM □	06480	
PLM - Bulk (reporting limit)		☐ EPA Level II		☐ Carpet Sonicat	ion (EPA 600/J	1-93/167)
☐ PLM EPA 600/R-93/116 (<1%) ☐ ISO 10312		☐ ISO 10312		Soil - Rock - Ver	miculite (repo	rting limit)
☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)		TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)		☐ 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		
rest carried to extraors a visit	To be Carp of the	tify homogenous areas below	v) Filter	Pore Size (Air Sam	ples): 🔳 0.8	lμm □ 0.45μm
Sampler's Name: Do	11		- Legitati	s Signature:	agle	
Sample #		Sample Description/Loc	ation		me, Area or genous Area	Date/Time Sampled
NE-200224-1	Hallway	outside Room 003		400	L	13:16-16:36
NE-200224-2	Room 00	05		400	L	2-28-2020
NE-200227-1	Decontair	nination Area by 2B Stai	irs	692	2 L	2-28-2020
NE-200227-2	Outside	of Room 117		684	I L	2-28-2020
NE-200227-3	Stairwell 2	2A		696	3 L	10:26-16:14
Client Sample # (s): N	E-200224-1	- NE-2	00228-3	Total #	of Samples: 8	
Relinquished by (Clier	nt): Tang	VZ Date:	2-28-	2020	Time	5:00 Pm
Received by (Lab):	CR.	Date:	the second secon	7.20	Time	Q c
Comments/Special Ins	structions:				(8

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.



Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc. 200 Route 130 North

Cinnaminson, NJ 08077

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	2-18-2020	
NE-200228-2	Hallway outside Room 215	720 L	1-28-2020	
NE-200228-3	Starwell 2A	710 L	2-18-2000	
Comments/Special Ins	structions:			

Page 2 of Z pages



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

EMSL Analytical, Inc.

CINNAMONO PHINE 1-800-220-3675

C42005399

			114 17	1,70	28 AMI	(856) 786-5974
Company Name : Co	occiardi and Associate	s, Inc.	EMSL Customer ID:			47
Street: 1337 Veterar	ns Memorial Drive		City: Jessup		State/Prov	ince: PA
Zip/Postal Code: 18-		ry: United States	Telephone #: 570291	0030	Fax #: 570	
Report To (Name): /	Mike Baltrusaiti	5	Please Provide Resul	ts: 🔲 Fax	 ✓ Email	
Email Address: Mb	altrusaitis e co	cciardi.com	Purchase Order:			
Project Name/Number	er: Scranton SD 20	10115	EMSL Project ID (Inter	rnal Use Only	y):	
U.S. State Samples T	aken: PA		CT Samples: Com	mercial/Taxa	able 🗌 Res	idential/Tax Exempt
			- If Bill to is Different note instruction authorization from this		nents**	
			「) Options* – Please Cl			
	Hour 24 Hour 6 hr, please call ahead to sc	48 Hour	72 Hour	96 Hour	1 Weel	2 Week
an authorization fo	orm for this service. Analysis	s completed in accordar	nium charge for 3 Hour TEM . nce with EMSL's Terms and C	Conditions locat	ed in the Analy	You will be asked to sign tical Price Guide.
	f samples are from NY		4.5hr TAT (AHERA only)	TEM- Dus		
☐ NIOSH 7400		AHERA 40 C	FR, Part 763	Microv	ac - ASTM	D 5755
W/ OSHA 8hr. TW/	4	☐ NIOSH 7402	The state of the s	☐Wipe -	ASTM D648	30
PLM - Bulk (reporting	limit)	EPA Level II		Carpet	Sonication	(EPA 600/J-93/167)
☐PLM EPA 600/R-93	3/116 (<1%)	☐ ISO 10312		Soil/Rock	/Vermiculit	e*
☐PLM EPA NOB (<1	%)	TEM - Bulk		PLM C	ARB 435 - A	(0.25% sensitivity)
Point Count		TEM EPA NO	В			3 (0.1% sensitivity)
400 (<0.25%) 10	000 (<0.1%)	NYS NOB 198	3.4 (non-friable-NY)	The state of the s		3 (0.1% sensitivity)
Point Count w/Gravime	etric	Chatfield SOF		The second secon		C (0.01% sensitivity)
400 (<0.25%) 10	000 (<0.1%)	TEM Mass An	alysis-EPA 600 sec. 2.5			ation Technique
NYS 198.1 (friable	in NY)	TEM - Water: Ef	PA 100.2	TEM C	Qual via Dro	p-Mount Technique
NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm [Waste Drinking	Other:	of New York State	Loose Fili Vermiculite Samples
NYS 198.8 SOF-V						
☐ NIOSH 9002 (<1%)	All Fiber Sizes	WasteDrinking			
Check For Positive	e Stop – Clearly Identif	v Homogenous Gr	oup Filter Pore Size	(Air Sample	es): 🗆 0.8	um 🔀 0.45um
\wedge	uglas Vanbenthi		Samplers Signature	42	Ne	
Sample #	,	Sample Description		Volume	Area (Air) (Bulk)	Date/Time Sampled
		0.7		and a facility of		2-26-2020
NE-200226-1	Koom O	03		1286	L	99:24-11:32
NE-200226-2	Room	003		1280	4	2-26-2020
NE-200226-3	Room 6	503		1280	L	2-26-2020
NE-200226 - 4	Room	003		1280	4	2-26-2020
NE-200226-5		003		1270	L	2.26-2026
NE-200726 - 6	Room 1			1260	5 /	2-26-2026
NE-200226-7	Ground Floor	· Commercia	io a a	1260		2-21-2020
Client Sample # (s):	NE- 200126		-200226-31	Total # of		31
	DagNe			Total # Of		
Relinquished (Client)	and 1		2-26-2020		Time	: 6:00 PM
Received (Lab): Comments/Special In	etructione:	Date:	2.28-20		Time	: 1.80
And the second s		C 110	70 ×			
in unity onally	12c Samples 1-) and 14-	10.2			

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

Page 1 of 2 pages



EMBL ANALYTICAL, INC.

Asbestos Chain of Custody

042005399

EMSL Analytical, Inc. 200 Route 130 North

EMSL Order Number (Lab Use Only): C/NA

AMINSON NE 1-800-220-36

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
NE-200226-9	Room 7		1240 L	2-26-2020
NE-200226-10	Room 9		1240 L	2-26-2020
NE-200226-11	Field Blank		-1	2-26-2026
NE-200226-12	Field Blank		_	2-26-2020
NE-200226-13	Las Blank			2-26-2020
NE-200226-14	Room 013		1230 L	12:49-14:52
NE-200226-15	Hallway Outside GB Stairs (Decon Are	<u>a</u>)	1250 L	2-26-2020
NE-200226-16	Ground Floor Corridor A		1250 L	2-26-2020 12:45- 14:50
NE-200226-17	Band Hallway		1250 L	2-26-2028
NE-200226-18	Room 23		1250 L	2-26-2020 12:46-14:5 2-26-2020
VE-200226-19	Chorus Room		1300 L	2-26-2020
N E-200226-20	Chorus Room		1300 L	15:43 - 17:53
NE-200226-21	Chorus Room		1300 L	15:43-17:53
VE-200226-22	Chon: Storage Room		1300 C	15:46-1756
NE-200226 - 23	Chorus Storage Room		1300 L	15:46-17:54
NE-200226-24	Room 21		1236 L	16:03-18:06
NE-200226-25	Room 21		1230 L	16:04-18:06
NE-200226-26	Room 19		1230	16:05-18:08
VE-200226-27	19 Poom 19		1230 L	16:05-18:08
JE-200226-28	Room 19		1230 L	16:06-18:00
VE-200226-29	FIELZ Blank		-	18:10 2-26-2020
NE-200226-36	Field Blank			18:15
NE-200226-3 ("Comments/Special	Las Black	-		
	alyze samples 1-5 and 19-28	*		

Page 2 of 2 pages



200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com

Customer ID: COCC45 Customer PO:

EMSL Order: 042006631

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	Right Duct - Far Wall	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006631-0001									
2	Right Duct - Near Door	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006631-0002									
3	Left Duct - Far Wall	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006631-0003	1 2 3 3 3 3 3 3 3 3 3								
4	Left Duct - Near Machine	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006631-0004									
5	Left Duct - Near Door	03/10/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006631-0005		- 111 00							
Blank	Blank	03/10/2020		<5.5	100		<7.01		Field Blank
042006631-0006									

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 (lability 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, AlHA-LAP, LLC-IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

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



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Customer ID: COCC45 Customer PO:

EMSL Order: 042006489

Project ID:

Attention: Douglas Vanbenthuysen

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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 (fib/cc)	Fibers/mm²	Fibers/cc	Notes
NE-200306-14	Maintenance Room	03/06/2020	689	<5.5	100	0.0039	<7.01	< 0.0039	771.10.0
042006489-0001									
NE-200306-15	Decontamination Area Outside Boiler Room	03/06/2020	691	<5.5	100	0.0039	<7.01	<0.0039	
042006489-0002									
NE-200309-1	Maintenance Room	03/09/2020	1105	19	100	0.0024	24.2	0.0084	
042006489-0003		1000							
NE-200309-2	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7,01	<0.0022	
042006489-0004							- /		
NE-200309-3	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006489-0005	The same of the sa								
NE-200309-4	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006489-0006							1		
NE-200309-5	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7,01	<0.0022	
042006489-0007							X		
NE-200309-6	Girls Locker Room 2nd Floor	03/09/2020	1200	<5.5	100	0.0022	<7.01	<0.0022	
042006489-0008	f. W								

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 libers/mm². Fibor counts outside the recommended liber density range of the method (100-1300 l/mm²) have greater than optimal variability and are probably blased. 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 date) = 0.34. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA-LAP, LLC-IHLAP Accredited #100194, NJ DEP 03038, PA ID# 88-00367, LA #04127

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



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Received Date: 03/09/2020 09:00 AM

Analysis Date: 03/10/2020 Collected Date: 03/06/2020

Project: SSD Northeast 200115

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

		Volume	Area Analyzed	Non	3 555 555 55	#Structures		Analytical Sensitivity	Asbestos Concentration	
Sample	Location	(Liters)	(mm²)	Asb		≥0.5µ < 5µ	≥5µ	(S/cc)	(S/mm²)	(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

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AlHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127



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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/mm³	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):
Amiiri Lewis PCM 3

Samentha Rundsfrom, Leboratory 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 t/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 St values; 5-20 fibers = 0.48, 21-50 fibers = 0.41, 51-100 fibers = 0.41, Inter-laboratory St values (Average of EMSL round robin data) = 0.34, Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AlHa-LAP, LLC—IHLAP Accredited #100194, NJ DEP 03035, PA ID# 68-00367, LA #04127

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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 (fib/cc)	Fibers/mm²	Fibers/cc	Notes
NE-200305-1	Hallway by Stairwell 3B	03/05/2020	876	<5.5	100	0.0031	<7.01	<0.0031	
042006195-0001									
NE-200305-2	Stairwell 2A	03/05/2020	862	<5.5	100	0.0031	<7.01	<0.0031	
042006195-0002	10.000.000								
NE-200305-3	Room 321	03/05/2020	1245	<5.5	100	0.0022	<7.01	<0.0022	
042006195-0003				-					
NE-200305-4	Room 321	03/05/2020	1245	<5.5	100	0.0022	<7.01	<0.0022	
042006195-0004									
NE-200305-5	Room 321	03/05/2020	1245	<5.5	100	0.0022	<7.01	<0.0022	
042006195-0005	1/11/19/19								
NE-200305-6	Room 321	03/05/2020	1260	<5.5	100	0.0021	<7.01	<0.0021	
042006195-0006									
NE-200305-7	Room 321	03/05/2020	1260	<5.5	100	0.0021	<7.01	<0.0021	
042006195-0007									
NE-200305-8	Personal Sample - Exursion Limit	03/05/2020	66	<5.5	100	0.0408	<7.01	<0.0408	
042006195-0008									
NE-200305-9	Personal Sample - Full Shift	03/05/2020	629	6.5	100	0.0043	8.28	0.0051	
042006195-0009									
NE-200305-10	2nd Floor Girls Locker Room	03/05/2020	1230	72	100	0.0022	91.7	0.0287	
042006195-0010	VIII III								
NE-200305-11	2nd Floor Girls Locker Room	03/05/2020	1230	8.5	100	0.0022	10.8	0.0034	
042006195-0011									
NE-200305-12	2nd Floor Girls Locker Room	03/05/2020	1230	51	100	0.0022	65.0	0.0203	
042006195-0012		A 2 44 1 72 PM							
NE-200305-13	2nd Floor Girls Locker Room	03/05/2020	1230	61	100	0.0022	77.7	0.0243	
042006195-0013									
NE-200305-14	2nd Floor Girls Locker Room	03/05/2020	1230	53.5	100	0.0022	68.2	0.0213	
042006195-0014									

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 above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported above and may not be reproduced, except in full, without written approval by EMSL. Ems

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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

Fibers

Sample

Date

Volume (L)

Fields

LOD (fib/cc)

Fibers/mm²

Fibers/cc Notes

Sample

Location

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 blased. EMSL maintains (lability 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 09:06 AM



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Customer PO: Project ID:

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Received Date: 03/04/2020 09:30 AM

Analysis Date: 03/05/2020 Collected Date: 03/03/2020

Project: SSD Northeast 200115

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

	401 - 40.00		Area Analyzed	Analytical Non Asbestos #Structures Sensitivity		Asbestos Concentration				
Sample	Location	(Liters)	(mm²)	Asb	Type(s)	≥0.5µ < 5µ ≥5µ		(S/cc)	(S/mm²)	(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	Halfway 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

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127



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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 042005897-0003	Stairwell 2A	03/02/2020	756	<5.5	100	0.0036	<7.01	<0.0036	

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

comantha Kinghton

Samantha Rundstrom, Laboratory Manager or other Approved Signatory

Limit of detection is 7 fibers/mm*. 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 retailes 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 analytics, an entire that retails in this report rectail as 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 need all requirements of the NELAC standards unless otherwise noted. Intra-laboratory Sr values: 5-20 fibers = 0.44, 21-50 fibers = 0.41, 51-100 fibers = 0.41, inter-laboratory Sr values (Average of EMSL round robin data) = 0.34.

Semples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AlHA-LAP, LLC—IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 03/04/2020 11:09 PM



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Phone: (570) 291-0030 Fax: (570) 291-0035

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	Hallway Outside Room 003	02/28/2020	400	<5,5	100	0.0067	<7.01	<0.0067	
042005564-0001									
NE-200224-2	Room 005	02/28/2020	400	<5.5	100	0.0067	<7.01	<0.0067	
042005564-0002									
NE-200227-1	Decontamination Area by 2B Stairs	02/28/2020	692	<5.5	100	0.0039	<7.01	<0.0039	
042005564-0003									
NE-200227-2	Outside of Room 117	02/28/2020	684	<5.5	100	0.0039	<7.01	<0.0039	
042005564-0004									
NE-200227-3	Stairwell 2A	02/28/2020	696	<5.5	100	0.0039	<7.01	<0.0039	
042005564-0005									
NE-200228-1	Decontamination Area by 2B Stairs	02/28/2020	720	<5.5	100	0.0037	<7.01	<0,0037	
042005564-0006									
NE-200228-2	Hallway Outside Room 215	02/28/2020	720	<5.5	100	0.0037	<7.01	<0.0037	
042005564-0007									
NE-200228-3	Stairwell 2A	02/28/2020	710	<5.5	100	0.0038	<7.01	<0.0038	
042005564-0008									

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

Analysi(s):

Christina Maiorana PCM B

Samantha Rundstrom, Laboratory Manager or other Approved Signatory

Limit of detection is 7 libers/mm*. Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm²) have greater than optimal variability and are probably blased. 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 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 St values: 5-20 libers = 0.48, 21-50 libers = 0.44, 51-100 fibers = 0.41, 51-50 fibers = 0.4

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



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EMSL Order: 042005399 Customer ID: COCC45

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Phone:

Attention: Mike Baltrusaitis

Cocciardi & Associates Inc. 1337 Veterans Memorial Drive

Received Date:

(570) 291-0030 (570) 291-0035

Analysis Date:

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

Jessup, PA 18434

Project: Scranton SD 200115

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

		Volume	Area Analyzed	Non	Asbestos	#Structures		Analytical Sensitivity		
Sample	Location	(Liters)	(mm²)	Asb	Type(s)	≥0.5µ < 5µ	ı ≥5µ	(S/cc)	(S/mm²)	(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



200 Route 130 North Cinnaminson, NJ 08077 Tel/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order: 042005399 Customer ID: COCC45

Customer PO: Project ID:

Attention: Mike Baltrusaitis

Cocciardi & Associates Inc. 1337 Veterans Memorial Drive

Jessup, PA 18434

Received Date:

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

Project: Scranton SD 200115

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

Area

Analyzed Non Asbestos

#Structures

Analytical Sensitivity (S/cc)

Asbestos

Sample

Location

Volume (Liters)

(mm²) Asb Type(s)

≥0.5µ < 5µ ≥5µ

Phone: (570) 291-0030

Fax: (570) 291-0035

02/28/2020 09:45 AM

Concentration (S/mm²) (S/cc)

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

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