3-YEAR ASBESTOS RE-INSPECTION REPORT

WEST SCRANTON HIGH SCHOOL SCRANTON, PA

prepared for:

SCRANTON SCHOOL DISTRICT
425 North Washington Avenue
Scranton, Pa. 18505

CONSULTANTS:

Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

PROJECT: #SSD.19_751

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ASBESTOS INSPECTION

For the property known as:

WEST SCRANTON HIGH SCHOOL

SECTION 1 EXECUTIVE SUMMARY

An Asbestos Materials Inspection Survey was conducted on October 2, 2019 at the above-listed location. The purpose of the survey was to visually locate, identify, and quantify asbestos-containing building materials. The survey was conducted by Certified Asbestos Inspectors, Chris Notari (DLI Asbestos Inspector Certification #027028), Brent Tripp (DLI Asbestos Inspector Certification #053975) and Gary Marshall.

All accessible rooms and areas of the building were entered for inspection of suspected asbestos materials. Suspected asbestos materials not previously sampled (if applicable) were sampled and sent to a laboratory for analyses to confirm or negate the suspicion of asbestos content. Other suspect materials were assumed to contain asbestos.

The results are summarized as follows:

A. Asbestos-containing Materials

1. All confirmed or assumed (roofing materials, chalkboard mastic, etc.) asbestos-containing materials are listed in Appendix A. Materials that were tested and found not to contain asbestos are also listed in Section 6.

2. Recommendations

   Recommendations are given in relation to renovation activities for the school building in Section 7.

SECTION 2 INTRODUCTION

An Asbestos Materials Inspection of the West Scranton High School was performed at the request Scranton School District, Scranton, PA. The purpose of the inspection was to determine the types, quantities, and conditions of confirmed or assumed asbestos-containing materials, if not previously tested.

Once suspected asbestos materials were identified, they were sampled to verify or negate the suspicion of asbestos content (roofs were not tested and were assumed to contain asbestos). All materials sampled were analyzed via EPA Method 600/R-93/116 utilizing Polarized Light Microscopy by *EMSL Analytical, Inc., a NVLAP- accredited laboratory.*

The friability of these materials was also determined. Friable materials, such as cementitious pipe insulation, are those that can be crumbled, pulverized, or reduced to powder by hand or finger pressure. Non-friable materials, such as floor tiles in good condition, are those that cannot be crumbled, pulverized, or reduced to powder by hand or finger pressure. It is possible for normally non-friable materials to be considered as friable if they are in poor or damaged condition or will be rendered friable by construction or other activities, such as drilling, sanding, crushing by heavy equipment, etc.

The Initial Asbestos Hazard Emergency Response Act (AHERA) Building Inspection Report and Management Plan which was prepared and filed in accordance with the United States Environmental Protection Agency's (EPA) Regulation 40 CFR Part 763, Subpart E – Asbestos-Containing Materials in Schools is on file and available for review at the Scranton School District Administration Offices and the West Scranton High School Administration Office.

SECTION 3 BUILDING DISCRIPTION

West Scranton High School, located at 1201 Luzerne Street, Scranton, PA is a steel and masonry building constructed in 1937. The building consists of a basement, three (3) floors, and an attic, and contains approximately 307,880 square feet of floor area.

SECTION 4 METHODS

Prior to re-inspection the following documents were reviewed by Guzek Associates, Inc.

1. Original inspection report
2. Available 3-Year Re-inspection Report
3. AHERA 6-month Periodic Surveillance Inspection Reports

Upon completion of reviewing the above referenced documentation, Guzek Associates, Inc. conducted a room-by-room and area-by-area inspection of the building to verify the locations of Asbestos Containing Materials listed in the above documents and to determined the conditions (Good, Damaged, or Significantly Damaged) of these materials. In addition, suspect materials not listed in the above documents were identified and either assumed to contain asbestos or collected and analyzed to determined asbestos content.

The asbestos inspection survey was conducted by inspectors qualified by experience, education, and training in the recognition of suspected asbestos-containing materials. Sampling was limited to only areas that were easily accessible (above ceiling tiles, operable hatches, and open areas.) No walls, chases or ceilings, etc. were penetrated during this inspection.

For those materials analyzed for asbestos content during this inspection, representative samples of "suspected" asbestos-containing materials were collected utilizing approved federal and state methods.

All Samples collected were analyzed by EMSL Analytical, Inc., Cinnaminson, NJ. Using EPA 600/R-93/116 Method using Polarized Light Microscopy

SECTION 5 REINSPECTION FINDINGS

The attached inspection forms in Appendix A indicate both the locations and assessed conditions of confirmed or assumed asbestos containing materials as identified in the building by the 2019 Re-inspection conducted by Guzek Associates, Inc.

The Scranton School District intends to continue implementation of the Operations & Maintenance Program recommendations as contained in the original AHERA Management Plan and to maintain its stringent occupational and environmental protection standards for the on-going control of the identified ACBM's within the building.

SECTION 6 INSPECTION RESULTS

A. Asbestos-containing Materials

Appendix A contains a list and drawings of all confirmed and assumed asbestos-containing materials identified in the 3-year re-inspection report for West Scranton High School conducted by Guzek Associates, Inc.. This table also includes locations and condition assessments (Good, Damaged, or Significantly Damaged).

Finally all Chain of Custody and Analytical Laboratory Reports for the 2016 3-Year Re-inspection Report are including in Appendix B.

Note: In addition to those materials listed in the Homogeneous Sampling Chart in Appendix A, the following suspected asbestos-containing materials may be present:

1. Glue pucks behind chalkboards (Category 1 non-friable material) – no access at time of inspection.

2. Fire Doors

3. Roofing Materials (including Flashing and Tar)

4. Electrical wiring insulation maybe present

Materials That Were Tested and Found Not to Contain Asbestos

- All layers of hard wall and ceiling plasters
  (Does NOT include acoustical plaster found in the Band Room, Chorus Rooms, Rooms 100, 101, 103, and 105, and the Cafeteria)
- All ceiling tile (Previously tested by others)
- Ceiling Blocks in Basement
  (Does NOT include Basement Storage/Maintenance Shop, See Drawing)
- Floor Leveler
- Joint Compound
- Sheetrock
- Tar Floor (Wood Shop Area)
- Mastic on Fiberglass Ends
- Burlap Wallpaper
- Textured Ceilings (1st Floor Hallway)
- Linoleum in Library, Home Economics, and Room 206

SECTION 7 RECOMMENDATIONS

A. Any Materials listed as assumed Asbestos Containing Materials (PACM) in Appendix A shall either by assumed to contain asbestos or should be analyzed to determine asbestos content at time of disturbance

B. All Asbestos Containing Materials in the building that are to remain in place shall be treated according to Operation and Maintenance (O&M) procedures for each specific material and as listed in the O&M plan for the West Scranton High School.

C. All presumed or confirmed asbestos containing materials that will be potentially damaged by any activity (renovation, demolition, maintenance, etc.) shall be:

1. Removed by a Pennsylvania Department of Labor and Industry (PaDLI) Certified asbestos abatement contractor prior to renovation. Final clearance air monitoring should be performed by an independent third party contracted to the school district.

Or

2. The Activity that will potentially disturb Asbestos Containing Materials shall be designed to avoid said disturbance.

SECTION 8 ASBESTOS INPECTOR ACCREDIDATION

Certified PA Asbestos Inspectors, Chris Notari (DLI Asbestos Inspector Certification #027028) and Brent Tripp (DLI Asbestos Inspector Certification #053975). Copies of their certificates are included in this report on the following pages.

Certificate of Completion

awarded to

Chris Notari

for successfully completing the prescribed course of study in

Pennsylvania Asbestos Building Inspector Refresher Course

under TSCA Title II

presented by

ACCESS TRAINING SERVICES, INC.
7921 River Road, Pennsauken, NJ 08110
(856) 665-3449

7/11/19	N/A	7/11/20
Course Date	*Exam Date*	*Expiration Date*
Not Provided	**ACC-0719-6-005**	*Mark K. Schläger*
Social Security Number	*Certificate Number*	*Training Director*

Certificate of Completion

awarded to

Brent M. Tripp

for successfully completing the prescribed course of study in

Pennsylvania Asbestos Building Inspector Refresher Course

under TSCA Title II

presented by

ACCESS TRAINING SERVICES, INC.
7921 River Road, Pennsauken, NJ 08110
(856) 665-3449

7/11/19	N/A	7/11/20
Course Date	*Exam Date*	*Expiration Date*
Not Provided	**ACC-0719-6-006**	*Mark K. Schläger*
Social Security Number	*Certificate Number*	*Training Director*

APPENDIX A

REINSPECTION FINDINGS:

HOMOGENEOUS SAMPLING CHART

RESPONSE ACTION BASED ON HAZARD RANK

ASBESTOS CONTAINING BUILDING MATERIAL (ACBM) LOCATION DRAWINGS

HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
Basement, Unfinished Area	Fittings /Pipe Insulation (Approx. 365 - 400 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Some water damaged areas 10-15 LF. District reported insulation on floor was removed 11/2019
Basement, Fan Room No. 1	Corrugated Panels (Approx. 300 - 400 LF)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	Found associated with metal panels on ceiling
	Fittings /Pipe Insulation (Approx. 260 - 295 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	- If fan is in use, all asbestos insulation should be remoned
	Transite Panels (Indeterminate) Believed to exist above ductwork	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F NF-1 **NF-2**	**G** D SD	2	6	
Basement, Maintenance Shop	Ceiling Block (310 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	**G** D SD	2	6	This is the only area were blocks tested positive
	Fittings /Pipe Insulation (Approx. 90 - 100 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Hallway Outside Maintenance Shop	Fittings /Pipe Insulation (Approx. 40 - 45 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Toilet Room	Fittings /Pipe Insulation (Approx. 35 - 40 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Hallway Corridor "A" & Janitors Room	Fittings /Pipe Insulation (Approx. 200 - 225 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	Duct Insulation (Approx. 525 - 550 SQ FT)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	3 SQ FT Damaged, all insulation should be repaired
Basement, Boiler Room	Duct Insulation (Approx. 2,300 - 2,400 SQ FT)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	
	Breeching (Approx. 450 - 550 SQ FT)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	
	Fittings /Pipe Insulation (Approx. 825 - 875 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	7 Large valves above boilers have damage - Approx. 10 fittings and 15 - 20 LF of damaged insulation

Information abstracted by: C Notari & B. Tripp in October, 2019 Building Inspector's Certification No.: 027028-PA & 053975-PA

Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable Assessment: G = Good, D = Damaged, SD = Significantly Damaged

AHERA Assessment / Hazard Rank / Removal Priority = See Attached Document, "RESPONSE ACTIONS BASED ON HAZARD RANKING"

HOMOGENEOUS SAMPLING CHART

Scranton School District Building: West Scranton High School Dates of Original AHERA Inspection: July, 1988

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
Basement, Boiler Room	Boiler Insulation (800 - 850 SQ FT)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	5	3	Two (2) Boilers are decommissioned
	Loose Bags of Asbestos (20 - 30 Bags)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G D **SD**	6	2	- Bags need to be removed Immediately. District reported insulation Bags on floor were removed 11/2019
	Boiler Gaskets (Indeterminate)	**TSI** SURFACE Misc.	**Assumed** or Analyzed	F **NF-1** NF-2	G **D** SD	6	2	Remove - Remove Gaskets on decommissioned boilers
Basement, Transformer Room	NOT ACCESSIABLE	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	N/A	N/A	Locked & Not Accessible
Basement, Elevator Lobby	Fittings /Pipe Insulation (Approx. 60 - 70 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Main Corridor	Fittings /Pipe Insulation In Trench (Approx. 40 - 80 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	Area is inaccessible, amounts and conditions are assumed
	Fittings /Pipe Insulation (Approx. 550 - 575 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Corridor "B"	Fittings /Pipe Insulation (Approx. 60 - 70 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Wrestling Room	Fittings /Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	Jackets are ripped in many locations
Basement, Fan Room No. 2	Fittings /Pipe Insulation (Approx. 275 - 300 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- If fan is in use, all asbestos insulation should be remoned
	Corrugated Panels (Approx. 300 - 400 LF)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	Found associated with metal panels on ceiling
	Transite Panels (Indeterminate) Believed to exist above ductwork	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F NF-1 **NF-2**	**G** D SD	2	6	

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HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL	ASBESTOS	FRIABILITY	AHERA	AHERA	AHERA REMOVAL	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION	CATEGORY	CONTENT		ASSESEMENT	HAZARD	PRIORITY	
Basement, Storage Room "A"	Fittings /Pipe Insulation (Approx. 135 - 150 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Remove damaged fitting
Basement, Athletic Trianing Room	Fittings /Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	N/A	N/A	N/A	- Removed in 2017
Basement, Woodshop Finishing Room No. 1	Fittings /Pipe Insulation (Approx. 1 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Woodshop Finishing Room No. 2	Fittings /Pipe Insulation (Approx. 35 - 40 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Woodshop Storage Room "B"	Fittings /Pipe Insulation (Approx. 20 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Woodshop	Fittings /Pipe Insulation (Approx. 75 - 100 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Woodshop Storage Room No. 1	Fittings /Pipe Insulation (Approx. 20 - 25 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Damaged fitting behind cabinet
Basement, Electrical Power / Tech Shop	Fittings /Pipe Insulation (Approx. 150 - 180 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	5	3	Approx. 13 LF of Damage
	Fittings /Pipe Insulation In Trench (Approx. 30 - 35 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Area is inaccessible, amounts and conditions are assumed
Basement, Electrical Power / Tech Shop Storage Room "C"	Fittings /Pipe Insulation (Approx. 190 - 230 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Storage Room "C" - Lag open ends of insulation
	Fittings /Pipe Insulation In Trench (Approx. 40 - 50 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Area is inaccessible, amounts and conditions are assumed
Basement, Janitors Closets (Near Girls' Locker Room)	Fittings /Pipe Insulation (Approx. 8 - 10 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Locked & Not Accessible, amounts and conditions are assumed

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HOMOGENEOUS SAMPLING CHART

Scranton School District Building: West Scranton High School Dates of Original AHERA Inspection: July, 1988

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
Basement, Corridor "C"	Fittings /Pipe Insulation (Approx. 190 - 200 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	3 FT of heavy damage. - Fitting is significantly deteriorating.
Basement, Corridor "C" Trench	Fittings /Pipe Insulation (Approx. 40 - 50 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Not Accessible, amounts and conditions are assumed
Basement, Fan Room No. 3	Fittings /Pipe Insulation (Approx. 80 - 90 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- If fan is in use, all asbestos insulation should be remoned
	Duct Insulation (Approx. 800 - 850 SQ FT)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Girls' Locker Room and Shower	Fittings /Pipe Insulation (Approx. 320 - 340 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Girls' Weight Room and Shower	Fittings /Pipe Insulation (Approx. 260 - 290 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Girls' Coach Office (2 Offices)	Fittings /Pipe Insulation (Approx. 20 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Stairwell "E"	Fittings /Pipe Insulation (Approx. 70 - 75 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	Duct Insulation (Approx. 200 - 250 SQ FT)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Stairwell "E" Trench	Fittings /Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Not Accessible, amounts and conditions are assumed
Basement, Women's Restroom	Fittings /Pipe Insulation (Approx. 30 - 35 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Corridor "D"	Fittings /Pipe Insulation (Approx. 80 - 95 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	

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HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
Basement, Stage Storage / Prop Storage #1 and #2	Fittings /Pipe Insulation (Approx. 235 - 260 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	
Basement, Stage Storage #1	Duct Insulation (Approx. 1,800 - 1,900 SQ FT)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	6	2	Significant damage to insulation, needs to be removed
Basement, Corridor "E"	Fittings /Pipe Insulation (Approx. 160 - 170 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Coaches Offices (2)	Fittings /Pipe Insulation (Approx. 30 - 40 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Locked & Not Accessible, amounts and conditions are assumed
Basement, Boys' Locker Room and Showers No.1	Fittings /Pipe Insulation (Approx. 225 - 250 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	10 - 15 LF of damaged insulation in shower area
Basement, Physical Ed. Training Room & Storage	Fittings /Pipe Insulation (Approx. 30 - 40 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Locked & Not Accessible, amounts and conditions are assumed
Basement, Boys' Locker Room No. 2 and Shower	Fittings /Pipe Insulation (Approx. 195 - 215 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Stairwell "F"	Fittings /Pipe Insulation (Approx. 140 - 150 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Boys' Weight Room / Side Rooms / Play Room	Fittings /Pipe Insulation (Approx. 300 - 360 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Room 122	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Guidance Room 121	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Room 118	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	

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HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
1st Floor, Room 119 Chemistry Lab	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	Lab Tables (Approx. 135 - 145 LF)	**TSI** SURFACE Misc.	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	One table has cracks throught middle of table
1st Floor, Room 120	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	9 x 9 Floor Tile & Mastic (Approx. 1,080 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	G **D** SD	4	4	4 SQ FT of missing floor tiles, Moderate cracking throughout, Mastic Assumed.
	Asbestos Fire Blanket in classroom (Indeterminate)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	**F** NF-1 NF-2	N/A	N/A	N/A	- Blanket in metal canister was not found. No dcoumentation provided by district
1st Floor, Room 123	Acoustical Plaster Ceiling (Approx. 1,400 - 1,800 SQ FT)	TSI **SURFACE** Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	- Damage from lights attached to ceiling. Ceiling not be disturbed.
1st Floor, Band Storage Room	Fittings /Pipe Insulation (Approx. 12 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Rooms 126, 127, 128, 129	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Rooms 130, Medical Room	Fittings /Pipe Insulation (Approx. 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	Linoleum and Mastic (Approx. 720 SQ FT)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	Mastic Assumed
1st Floor, Auditorium (All Levels)	Acoustical Plaster Ceiling (Approx. 10,320 SQ FT)	TSI **SURFACE** Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Auditorium and Staircase "F"	Floor Tile (varies in size) & Mastic (Approx. 1,650 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	G **D** SD	5	3	

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AHERA Assessment / Hazard Rank / Removal Priority = See Attached Document, "RESPONSE ACTIONS BASED ON HAZARD RANKING"

HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESEMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
1st Floor, Outside Hallway Girls' Restrooms	Fittings /Pipe Insulation (Approx. 60 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	5	3	Approx. 6" of insulation has been crushed
1st Floor, Girls' Restroom Chase in Room 130 A	Fittings /Pipe Insulation (Approx. 50 - 60 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	6 - 8 LF has been damaged
1st Floor, Rooms 100, 101, and 105	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Repair insulation in Room 105 at bottom
1st Floor, Rooms 100, 101, and 103	Acoustical Plaster Ceiling (Approx. 690 SQ FT per room)	TSI **SURFACE** Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	- Room 103, Minor cracking - Damage from lights being attached to ceiling
1st Floor, Rooms 102, 104, 106, and 107	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	5	3	- Repair insulation in Room 102, Minor punture holes
1st Floor, Boys' Restroom (Next to Room 106)	Fittings /Pipe Insulation (Approx. 50 - 60 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G D **SD**	6	2	- 25 LF of water damaged insulation. - Insulation should be removed
	Corrugated Paper Panels (Approx. 50 - 60 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	6	2	- Panels appear to be layered between floor chases and have heavy damage
1st Floor, English Department Office	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Rooms 108, 109, and 112	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Room 108, 112, Repair minor damage
1st Floor, Women's Teachers' Lounge	12" X 12" Floor Tile & Mastic (Approx. 380 SQ FT)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	Mastic Assumed
1st Floor, Room 114	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	9" X 9" Floor Tile & Mastic (Approx. 690 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	**G** D SD	2	6	9"X9" under rug Mastic Assumed

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HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
1st Floor, Main Office, Principals Office, and Closet	9" X 9" Floor Tile & Mastic (Approx. 1,380 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	**G** D SD	2	6	- Replace missing floor tiles at entrance to copy room, Floor tile under carpet, Mastic Assumed
1st Floor, Main Office, Principals Office, and Closet	Fittings /Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Men's Teachers' Lounge	12" X 12" Floor Tile & Mastic (Approx. 380 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	**G** D SD	2	6	Mastic Assumed
	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Room 117	Fittings /Pipe Insulation (Approx. 24 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Room 115	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
2nd Floor, Girl's Restroom No.2	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Locked & Not Accessible, amounts and conditions are assumed
2nd Floor, Girl's Restroom Chase in Room 233	Fittings /Pipe Insulation (Approx. 2 - 3 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
2nd Floor, Room 233	9" X 9" Floor Tile & Mastic (Approx. 420 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	G **D** SD	3	5	
2nd Floor, Room 202	12" X 12" Floor Tile & Mastic (Approx. 920 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	G **D** SD	4	4	'- 8 SQ FT of damaged floor tiles. - Possible multiple layers of floor tile. - Mastic Assumed - Tiles are deteriorating
	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
2nd Floor, Rooms 203, 204, 205, 207, 208, 209, 210, 211, 212, 213, 214, 216, 217, and 218	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Room 207, 1 LF of insulation needs repair. - Room 213 is Not Accessible, amounts and conditions are assumed.

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HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
2nd Floor, Room 206 Home Economics	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	5	3	- 4 SQ FT of insulation is damaged. - Linoleum in room tested Negative for asbestos.
2nd Floor, Janitors Closet No. 2 (Across from room 208)	Fittings /Pipe Insulation (Approx. 25 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	4 - 6 LF of damaged insulation
2nd Floor, Boys' Restroom No. 2 and Chase	Fittings /Pipe Insulation (Approx. 25 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Chase - Remove Significantly damaged debris. Insulation on Floor
2nd Floor, Library (Rm 213A) & Library Office	Fittings /Pipe Insulation (Approx. 24 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
2nd Floor, Room 215 and 215A	Fittings /Pipe Insulation (Approx. 25 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
2nd Floor, Girls' Restrooms No. 1 and Chase	Fittings /Pipe Insulation (Approx. 15 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Locked & Not Accessible, amounts and conditions are assumed
2nd Floor, Rooms 219, 220, 222, and 223	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Room 220 - Enclose Pipe - Room 223 - Enclose Pipe
2nd Floor, Boys' Restroom	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
2nd Floor, Janitors' Closet No.1 (across form Room 225)	Fittings /Pipe Insulation (Approx. 18 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G D **SD**	7	1	- Remove
2nd Floor, Rooms 228, 229, 230, and 231	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
2nd Floor, Room 232	Fittings /Pipe Insulation (Approx. 20 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	Locked & Not Accessible, amounts and conditions are assumed
3rd Floor, Cafeteria	Fittings /Pipe Insulation (Approx. 100 - 125 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	Acoustical Plaster Ceiling (Approx. 4,900 SQ FT)	TSI **SURFACE** Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	Lights are attached to ceiling, Interior Partition attached to ceiling, and TV Monitors attached to ceiling

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HOMOGENEOUS SAMPLING CHART

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESEMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
3rd Floor, Cafeteria Kitchen	Fittings /Pipe Insulation (Approx. 20 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Floor Tile starting to deteriorate. - Mastic Assumed. - Floor Tile appers to be painted Gray
	9" X 9" Floor Tile & Mastic (Approx. 1,100 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	G **D** SD	4	4	
3rd Floor, Room 301 District Gifted Office	9" X 9" Floor Tile & Mastic (Approx. 512 SQ FT)	**TSI** SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	**G** D SD	2	6	Mastic Assumed
	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
3rd Floor, Girls' Restrooms No. 2 and Chase	Fittings /Pipe Insulation (Approx. 20 - 25 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
3rd Floor, Rooms 302, 304, 305, 307, 308, 309, 310, 312, 315, 316, 318, 319, 321, and 324	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Room 309 - Repair - Co-op Office - Repair Base - Room 321 - Repair - Room 323 - Repair Base
3rd Floor, Room 322	Fittings /Pipe Insulation (Approx. 24 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
3rd Floor, Janitors' Closet No.2 (across from Room 310)	Fittings /Pipe Insulation (Approx. 45 - 50 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	4	4	- Loose debris on floor. Insulation has heavy deterioration
3rd Floor, Boys' Restroom No. 2 and Chase	Fittings /Pipe Insulation (Approx. 15 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Remove Loose debris in chase
3rd Floor, Girls' Restrooms No. 2	Fittings /Pipe Insulation (Approx. 12 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
3rd Floor, Rooms 326, 328, 329, and 331	Fittings /Pipe Insulation (Approx. 12 LF per room)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Room 329, Small puncture holes in insulation

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HOMOGENEOUS SAMPLING CHART

Scranton School District Building: West Scranton High School Dates of Original AHERA Inspection: July, 1988

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
3rd Floor, Room 329	Lab Tables (Approx. 30 LF)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
3rd Floor, Kitchen Office	9" X 9" Floor Tile & Mastic (Approx. 310 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	Mastic Assumed
3rd Floor, Storage Area off Cafeteria	Fittings /Pipe Insulation (Approx. 30 - 40 LF)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
3rd Floor, Room 319	Transite Panels (Approx. 10 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Attic and Penthouse	Fittings /Pipe Insulation (Approx. 3,000 - 4,000 LF)	TSI	Assumed	F	G	5	3	**RESTRICT ACCESS / REMOVE** - Intact insulation generally in good condition - Abated material found in approx. 20 - 25 bags. These bags need to be removed immediately. - It was reported that multiple piles of loose asbestos debris was removed in the winter of 2017. - Addition loose debris still exist in attic area. The District reported loose debris on floor was removed 11/2019 - Thoroughly clean up of area. - Blown in insulation was added since last inspection, unknown if debris and damaged items were repaired or removed
		SURFACE	or	NF-1	D			
		Misc.	Analyzed	NF-2	SD			
Throughout Building	Mastic Glue Mastic Behind Chalkboards	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	1	7	
	Sink Coating on Exterior Base of Sinks	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Ductwork Flex Connections (Indeterminate)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	1	7	
	Vapor Barriers (Indeterminate)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	1	7	Vapor barriers were observed in some restroom areas.

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HOMOGENEOUS SAMPLING CHART

Scranton School District | Building: West Scranton High School | Dates of Original AHERA Inspection: July, 1988 |

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
Throughout Building	Fittings /Pipe Insulation in chase, walls, etc... (Indeterminate)	**TSI** SURFACE Misc.	**Assumed** or Analyzed	**F** NF-1 NF-2	**G** D SD	1	7	- Remove if encountered during Repairs
	Corrugated Panels (Indeterminate)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	3	5	Assumed to be in multiple locations, such as Fan rooms, Restrooms, Chases, Kitchen areas, etc...
Exterior of Building, Outside Room 107	Transite Panels (Indeterminate)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F NF-1 **NF-2**	**G** D SD	2	6	
Exterior of Building, Duct Coatings	Black Coating (Indeterminate)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	G **D** SD	4	4	Coating is deteriorating

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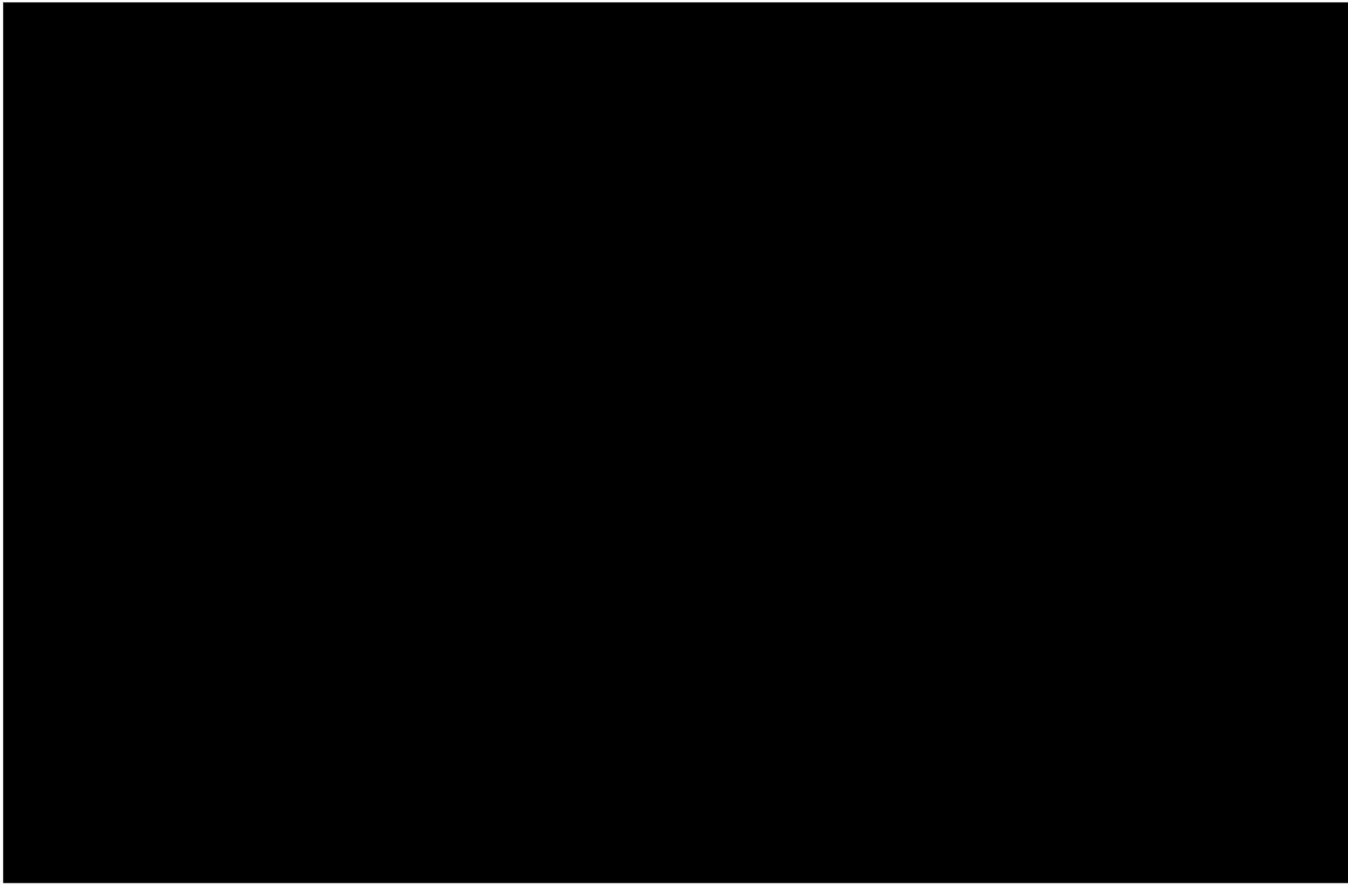
RESPONSE ACTIONS BASED ON HAZARD RANK

HAZARD RANK	REMOVAL PRIORITY	AHERA CATEGORIES	RESPONSE ACTIONS REQUIRED BY AHERA
7	1	Significantly Damaged	Evacuate or restrict the area if needed. Remove the ACBM (or enclose or encapsulate it if sufficient to contain fibers). Repair of T.S.I. allowed if feasible and safe. O&M required for all ACBM.
6	2	Damaged with Potential for Significant Damaged	Evacuate or restrict the area if needed. Remove, enclose, encapsulate, or repair to correct damage. Take steps to reduce potential for disturbance. O&M required for all ACBM.
5	3	Damaged with Potential for Damage	Remove, enclose, encapsulate, or repair to correct damage. O&M required for all ACBM.
4	4	Damaged with Low Potential for Damage	Remove, enclose, encapsulate, or repair to correct damage. O&M required for all ACBM.
3	5	Good with Potential for Significant Damage	Evacuate or restrict the area if needed. Take steps to reduce potential for disturbance. O&M required for all ACBM.
2	6	Good with Potential For Damage	O&M required for all ACBM. Take steps to reduce potential for damage.
1	7	Good with Low Potential for Disturbance	O&M required for all ACBM

[redacted]

[redacted]



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APPENDIX B

TEST RESULTS FOR SUSPECTED ASBESTOS-CONTAINING MATERIALS:

2016 LABORATORY REPORTS

2016 CHAIN OF CUSTODY

OrderID: 041620926

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: Guzek Associates, Inc.	**EMSL-Bill to:** ☐ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 401 Davis Street	
City: Clarks Summit **State/Province:** PA	**Zip/Postal Code:** 18414 **Country:** U.S.A.
Report To (Name): Chris Notari	**Telephone #:** 570-586-9700
Email Address: guzekassoc@aol.com	**Fax #:** 570-586-6728 **Purchase Order:**
Project Name/Number: SSD 16_751 West Scranton High	**Please Provide Results:** ☐ Fax ☒ Email
U.S. State Samples Taken: Pennsylvania	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

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.*

PLM - Bulk (reporting limit)	TEM – Bulk
☒ PLM EPA 600/R-93/116 (<1%)	☐ TEM EPA NOB – EPA 600/R-93/116 Section 2.5.5.1
☐ PLM EPA NOB (<1%)	☐ NY ELAP Method 198.4 (TEM)
Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2
☐ NIOSH 9002 (<1%)	☐ TEM Qualitative via Filtration Prep Technique
☐ NY ELAP Method 198.1 (friable in NY)	☐ TEM Qualitative via Drop Mount Prep Technique
☐ NY ELAP Method 198.6 NOB (non-friable-NY)	**Other**
☐ OSHA ID-191 Modified	☐
☐ Standard Addition Method	

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** **Date Sampled:** 07-27-2016

Samplers Name: Chris Notari / Brent Tripp **Samplers Signature:**

Sample #	HA #	Sample Location	Material Description
01		Bioler Room Storage	Column Plaster
02		Crawl Space	Wrap Over Fiberglass
03		Crawl Space	Corrugated Ceiling
04		Crawl Space	Bottom of Beam (Softer Block)
05		Crawl Space	Corrugated Ceiling Block
06		Storage Space	Bottom of Beam
07		Storage Space	Corrugated Ceiling Block
08		Girl's Weight Room	Floor Leveler
09		Woodshop Storage	Joint Compound
10		Woodshop Storage	Sheetrock

RECEIVED
EMSL
CINNAMINSON, NJ
16 JUL 29 AM 11:18

Client Sample # (s): **Total # of Samples:** ~~Fifty Nine (59)~~ 100

Relinquished (Client): **Date:** 07-28-201 **Time:** 3:00 PM

Received (Lab): EMSL FX **Date:** 7.29.2016 **Time:** 9:45 AM

Comments/Special Instructions:

OrderID: 041620926

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

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

Sample #	HA #	Sample Location	Material Description
11		Maintenance Office	Joint Compound
12		Hallway Between Woodshop Storage & Woodshop (Storage Room)	Tar Floor
13		Woodshop (paint/storage)	Wall Concrete
14		Boy's Locker Room	Plaster (Single Layer Only)
15		Football Conference Room	2x4 Ceiling Tile
16		Football Conference Room	Joint Compound
17		Football Conference Room	Sheetrock
18		Fan Room #3	Fiberglass Sealing Ends
19		Fan Room #3	Ceiling Block
20 W		Stairwell "D"	Plaster White Layer
21 B		Stairwell "D"	Plaster Base Layer
22 W		Room 105	Plaster White Layer
22 B		Room 105	Plaster Base Layer
23 W		Auditorium	Plaster White Layer
24 B		Auditorium	Plaster Base Layer
25 W		Stage	Plaster White Layer
26 B		Stage	Plaster Base Layer
27		Faculty Lounge	Thick Wall Paper
28		Boy's Room, Urinal Chase (Next to Room 106)	Corrugated Wall Board
29		Room 102	Thick Burlap Wall Paper
30 W		Room 129	Plaster White Layer
31 B		Room 129	Plaster Base Layer
32		Hallyway	Textured Ceiling
33 W		2nd Floor, Room 218	Plaster White Layer

***Comments/Special Instructions:**

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OrderID: 041620926

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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
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FAX: (856) 786-5974

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

Sample #	HA #	Sample Location	Material Description
34 B		2nd Floor, Room 218	Plaster Base Layer
35		2nd Floor, Library	Linoleum Flooring Under Carpet
36 W		2nd Floor, Room 210	Plaster White Layer
37 B		2nd Floor, Room 210	Plaster Base Layer
38		2nd Floor, Room 206	Linoleum Flooring
39 W		2nd Floor, Room 202	Plaster White Layer
40 B		2nd Floor, Room 206	Plaster Base Layer
41		2nd Floor, Storage Room, Across from Room 215	Single Layer Plaster Ceiling
42		2nd Floor, Storage Room, Across from Room 215	Cement Like Block on Bottom of Beams
43		2nd Floor, Storage Room, Across from Room 211	Single Layer Plaster Ceiling
44 W		3rd Floor, Room 323	Plaster White Layer
45 B		3rd Floor, Room 323	Plaster Base Layer
46 W		3rd Floor, Room 310	Plaster White Layer
47 B		3rd Floor, Room 310	Plaster Base Layer
48 W		3rd Floor, Auditorium Attic	Plaster White Layer
49 B		3rd Floor, Auditorium Attic	Plaster Base Layer
50 W		3rd Floor, Auditorium Attic	Plaster White Layer
51 B		3rd Floor, Auditorium Attic	Plaster Base Layer
52 W		3rd Floor, Storage Area off Cafeteria	Plaster White Layer
53 B		3rd Floor, Storage Area off Cafeteria	Plaster Base Layer
54		Main Attic	Roof Decking
55		Exterior of Building - Roof	Material on Duct
56		Exterior of Building	Window Frame Caulking
57		Exterior of Building - Front of School	Door Frame Caulking

***Comments/Special Instructions:**

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Controlled Document – Asbestos COC – R6 – 11/29/2012

OrderID: 041620926

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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*:

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

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

Sample #	HA #	Sample Location	Material Description
58		Exterior of Building	Cementious Expansion Joint
59		Exterior of Building in Rear (Door next to Pit)	Door Caulking

*Comments/Special Instructions:

RECEIVED
EMSL
CINNAMINSON, NJ
16 JUL 29 AM 11:18

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: 041620926
Customer ID: CLAG50
Customer PO:
Project ID:

Attention: Chris Notari
Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Project: SSD 16_751 West Scranton High

Phone: (570) 586-9700
Fax: (570) 586-6728
Received Date: 07/29/2016 9:45 AM
Analysis Date: 08/02/2016 - 08/03/2016
Collected Date: 07/27/2016

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
01 *041620926-0001*	Boiler Room Storage - Column Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02 *041620926-0002*	Crawl Space - Wrap over Fiberglass	White Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
03 *041620926-0003*	Crawl Space - Corrugated Ceiling	White Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
04 *041620926-0004*	Crawl Space - Bottom of Beam (Softer Block)	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05 *041620926-0005*	Crawl Space - Corrugated Ceiling Block	Gray Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
06 *041620926-0006*	Storage Space - Bottom of Beam	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07 *041620926-0007*	Storage Space - Corrugated Ceiling Block Floor	Gray Fibrous Homogeneous	10% Cellulose	75% Non-fibrous (Other)	15% Chrysotile
08-Leveler *041620926-0008*	Girl's Weight Room - Floor Leveler	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-Mastic *041620926-0008A*	Girl's Weight Room - Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09 *041620926-0009*	Woodshop Storage - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10 *041620926-0010*	Woodshop Storage - Sheetrock	White Fibrous Homogeneous	15% Cellulose 10% Glass	75% Non-fibrous (Other)	None Detected
11 *041620926-0011*	Maintenance Office - Joint Compound	White Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
12 *041620926-0012*	Hallway Between Woodshop Storage and Woodshop (Storage Room) - Tar Floor	Brown Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
13 *041620926-0013*	Woodshop (Paint/Storage) - Wall Concrete	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14 *041620926-0014*	Boy's Locker Room - Plaster (Single Layer Only)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/03/2016 07:49:58

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: 041620926
Customer ID: CLAG50
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
15 *041620926-0015*	Football Conference Room - 2x4 Ceiling Tile	White Fibrous Homogeneous	60% Cellulose 30% Min. Wool	10% Non-fibrous (Other)	None Detected
16 *041620926-0016*	Football Conference Room - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 *041620926-0017*	Football Conference Room - Sheetrock	White Fibrous Homogeneous	15% Cellulose 10% Glass	75% Non-fibrous (Other)	None Detected
18 *041620926-0018*	Fan Room #3 - Fiberglass Sealing Ends	White Fibrous Homogeneous	25% Glass	75% Non-fibrous (Other)	None Detected
19 *041620926-0019*	Fan Room #3 - Ceiling Block	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
20W *041620926-0020*	Stairwell "D" - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
21B *041620926-0021*	Stairwell "D" - Plaster Base Layer	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
22W *041620926-0022*	Room 105 - Plaster White Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22B *041620926-0023*	Room 105 - Plaster Base Layer	Gray Non-Fibrous Homogeneous	10% Hair	90% Non-fibrous (Other)	None Detected
23W *041620926-0024*	Auditorium - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24B *041620926-0025*	Auditorium - Plaster Base Layer	Gray Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
25W *041620926-0026*	Stage - Plaster White Layer	Gray Non-Fibrous Homogeneous	5% Hair	95% Non-fibrous (Other)	None Detected
26B *041620926-0027*	Stage - Plaster Base Layer	Gray Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
27 *041620926-0028*	Facuity Lounge - Thick Wall Paper	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28 *041620926-0029*	Boy's Room Urinal Chase Nest to Room 106 - Corrugated Wall Board	Gray Fibrous Homogeneous	20% Cellulose	55% Non-fibrous (Other)	25% Chrysotile
29-Wallpaper *041620926-0030*	Room 102 - Thick Burlap Wall Paper	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
29-Mastic *041620926-0030A*	Room 102 - Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
30W *041620926-0031*	Room 129 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
31B *041620926-0032*	Room 129 - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/03/2016 07:49:58

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http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order: 041620926
Customer ID: CLAG50
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
32 *041620926-0033*	Hallway - Texture Ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
33W *041620926-0034*	2nd Floor Room 216 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
34B *041620926-0035*	2nd Floor Room 216 - Plaster Base Layer	Gray Fibrous Homogeneous	10% Hair	90% Non-fibrous (Other)	None Detected
35-Linoleum Flooring *041620926-0036*	2ND Floor Library - Linoleum Flooring Under Carpet	Brown Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
35-Mastic *041620926-0036A*	2ND Floor Library - Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
36W *041620926-0037*	2nd Floor Room 210 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
37B *041620926-0038*	2nd Floor Room 210 - Plaster Base Layer	Gray Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
38 *041620926-0039*	2nd Floor Room 206 - Linoleum Flooring	Brown Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
39W *041620926-0040*	2nd Floor Room 202 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
40B *041620926-0041*	2nd Floor Room 206 - Plaster Base Layer	Gray Non-Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (Other)	None Detected
41 *041620926-0042*	2nd Floor Storage Room Across from Room 215 - Single Layer Plaster Ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
42 *041620926-0043*	2nd Floor Storage Room Across from Room 215 - Cement Like Block on Bottom of Beams	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
43 *041620926-0044*	2nd Floor Storage Room Across Frpm Room 211 - Single Layer Plaster Ceiling	Gray Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
44W *041620926-0045*	3rd Floor Room 323 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
45B *041620926-0046*	3rd Floor Room 323 - Plaster Base Layer	Gray Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
46W *041620926-0047*	3rd Floor Room 310 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
47B *041620926-0048*	3rd Floor Room 310 - Plaster Base Layer	Gray Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
48W *041620926-0049*	3rd Floor Auditorium Attic - Plaster White Layer	White Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile

Initial report from: 08/03/2016 07:49:58

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: 041620926
Customer ID: CLAG50
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
49B *041620926-0050*	3rd Floor Auditorium Attic - Plaster Base Layer	Gray Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	<1% Chrysotile
50W *041620926-0051*	3rd Floor Auditorium Attic - Plaster White Layer	White Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
51B *041620926-0052*	3rd Floor Auditorium Attic - Plaster Base Layer	Gray Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
52W *041620926-0053*	2rd Floor Storage Area off Cafeteria - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
53B *041620926-0054*	2rd Floor Storage Area off Cafeteria - Plaster Base Layer	Gray Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
54 *041620926-0055*	Main Attic - Roof Decking	Gray Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	<1% Chrysotile
55 *041620926-0056*	Exterior of Building Roof - Material on Duct	Black Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
56 *041620926-0057*	Exterior Of Building - Window Frame Caulking	Gray Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
57 *041620926-0058*	Exterioer Of Building Front of School - Door Frame Caulking	Gray Non-Fibrous Homogeneous	15% Fibrous (Other)	85% Non-fibrous (Other)	None Detected
58 *041620926-0059*	Exterior Of Building - Cementious Expansion Joint	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
59 *041620926-0060*	Exterior Of Buildingin Rear Door Next to Pit - Door Caulking	Brown Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile

Analyst(s)
Andrew Coward (63)

Benjamin Ellis, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

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

Initial report from: 08/03/2016 07:49:58

OrderID: 041621892

EMSL ANALYTICAL, INC.
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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (*Lab Use Only*): 041621892

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: Guzek Associates, Inc.		**EMSL-Bill to:** ☐ Same ☐ Different If Bill to Is Different note Instructions in Comments** *Third Party Billing requires written authonzation from third party*	
Street: 401 Davis Street			
City: Clarks Summit	**State/Province:** PA	**Zip/Postal Code:** 18414	**Country:** U.S.A.
Report To (Name): Chris Notari		**Telephone #:** 570-586-9700	
Email Address: guzekassoc@aol.com		**Fax #:** 570-586-6728	**Purchase Order:**
Project Name/Number: SSD 16_751 West Scranton High		**Please Provide Results:** ☐ Fax ☒ Email	
U.S. State Samples Taken: Pennsylvania		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

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*

PLM - Bulk (reporting limit)	TEM – Bulk
☒ PLM EPA 600/R-93/116 (<1%)	☐ TEM EPA NOB – EPA 600/R-93/116 Section 2 5.5.1
☐ PLM EPA NOB (<1%)	☐ NY ELAP Method 198.4 (TEM)
Point Count ☐ 400 (<0 25%) ☐ 1000 (<0.1%)	☐ Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2
☐ NIOSH 9002 (<1%)	☐ TEM Qualitative via Filtration Prep Technique
☐ NY ELAP Method 198.1 (friable in NY)	☐ TEM Qualitative via Drop Mount Prep Technique
☐ NY ELAP Method 198.6 NOB (non-friable-NY)	**Other**
☐ OSHA ID-191 Modified	☐
☐ Standard Addition Method	

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** **Date Sampled:** 08-05-2016

Samplers Name: Chris Notari / Brent Tripp **Samplers Signature:** Brent Notari

Sample #	HA #	Sample Location	Material Description
101		Basement - Storage Room	Ceiling Block
102		Basement - Storage Room	Ceiling Block
103		Basement - Storage Room	Ceiling Block
104 W		Basement - Storage Room	Ceiling Block White Layer
104 B		Basement - Storage Room	Ceiling Block Base Layer
105		Basement - Pump Room	Ceiling Block Paint Surface Layer
106		Basement - Pump Room	Ceiling Block
107		Basement - Boiler Room	Ceiling Block
108		Basement - Crawl Space	Ceiling Block
109		Basement - Crawl Space	Ceiling Block

Client Sample # (s): **Total # of Samples:** Sixteen (16)

Relinquished (Client): Brent Notari **Date:** 08-05-2016 **Time:** 3:00 PM

Received (Lab): RD EMSL FX **Date:** 8-8-2016 **Time:** 9:10 am

Comments/Special Instructions:

EMSL ANALYTICAL, INC.

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041621892

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

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

Sample #	HA #	Sample Location	Material Description
110		Basement - Fan Room	Ceiling Block
111		Basement - Wrestling Room	Packing Around 12" Sewer Pipe
112		3rd Floor - Projector Room	Plaster Ceiling (One Layer Only)
113 W		3rd Floor - Outside Projector Room	Plaster White Layer
114 B		3rd Floor - Outside Projector Room	Plaster Base Layer
115		3rd Floor - Auditorium Attic Space	Ceiling Block

***Comments/Special Instructions:**

Page 2 of 2 pages

EMSL Analytical, Inc.
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EMSL Order: 041621892
Customer ID: CLAG50
Customer PO:
Project ID:

Attention: Chris Notari
Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Project: SSD 16_751 West Scranton High

Phone: (570) 586-9700
Fax: (570) 586-6728
Received Date: 08/08/2016 9:10 AM
Analysis Date: 08/09/2016 - 08/10/2016
Collected Date: 08/05/2016

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
101 *041621892-0001*	Basement Storage Room - Ceiling Block	White Fibrous Homogeneous		70% Non-fibrous (Other)	30% Chrysotile
102 *041621892-0002*	Basement Storage Room - Ceiling Block	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
103 *041621892-0003*	Basement Storage Room - Ceiling Block	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
104-W *041621892-0004*	Basement Storage Room - Ceiling Block White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
104-B *041621892-0005*	Basement Storage Room - Ceiling Block Base Layer	Brown/Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
105 *041621892-0006*	Basement Pump Room - Ceiling Block Paint Surface Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
106 *041621892-0007*	Basement Pump Room - Ceiling Block	Gray/White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
107 *041621892-0008*	Basement Boiler Room - Ceiling Block	Gray/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
108 *041621892-0009*	Basement Crawl Space - Ceiling Block	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
109 *041621892-0010*	Basement Crawl Space - Ceiling Block	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
110 *041621892-0011*	Basement Fan Room - Ceiling Block	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
111 *041621892-0012*	Basement Wrestling Room - Packing around 12" Sewer Pipe	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
112 *041621892-0013*	3rd Floor Projector Room - Plaster Ceiling (one layer only)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
113-W *041621892-0014*	3rd Floor Projector Room - Plaster White Layer	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
114-B *041621892-0015*	3rd Floor Outside Projector Room - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/11/2016 14:29:45

EMSL Analytical, Inc.
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EMSL Order:	041621892
Customer ID:	CLAG50
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
115	3rd Floor Auditorium Attic Space - Ceiling	Gray Non-Fibrous	10% Cellulose	90% Non-fibrous (Other)	None Detected
041621892-0016	Block	Homogeneous			

Analyst(s)

Edward Zambrano (2)
Seri Smith (4)
William Nguyen (10)

Benjamin Ellis, 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

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