

3-YEAR ASBESTOS RE-INSPECTION REPORT

ROBERT MORRIS ELEMENTARY 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

Updated:

August 2019

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ASBESTOS INSPECTION

For the property known as:

ROBERT MORRIS ELEMENTARY SCHOOL

SECTION 1 EXECUTIVE SUMMARY

An Asbestos Materials Re-inspection Survey was conducted on August 6, 2019 at the above-listed location. The purpose of the survey was to visually locate, identify, and assess asbestos-containing building materials. The survey was conducted by Certified Asbestos Inspectors, Chris Notari (DLI Asbestos Inspector Certification #027028) and Brent Tripp (DLI Asbestos Inspector Certification #053975).

All accessible rooms and areas of the building were entered for inspection of suspected asbestos materials. Suspected asbestos materials not previously sampled were sampled (if applicable) 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 maintenance and demolition activities for the school building in Section 7.

SECTION 2 INTRODUCTION

An Asbestos Materials Inspection of the Robert Morris Elementary 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 Robert Morris School Administration Office.

SECTION 3 BUILDING DISCRIPTION

Robert Morris Elementary School, located at 1824 Boulevard Avenue, Scranton, PA is a steel and masonry building constructed in 1966. The building consists of a basement and two (2) floors, and contains approximately 33,780 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. 2016 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 Robert Morris Elementary 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 is included 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. Pipe and/or pipe fitting insulation (friable materials) in wall cavities in the vicinities of bathroom and shower fixtures, sinks, and drinking water fountains – no access at time of inspection.
2. Glue pucks behind chalkboards (Category 1 non-friable material) – no access at time of inspection.
3. Fire Doors
4. Roofing Materials (including Flashing and Tar)
5. Electric wiring insulation may be present

Materials That Were Tested and Found Not to Contain Asbestos

- All layers of hard wall and ceiling plasters (This does not include acoustical plaster ceiling found in the Library and Medical Room storage room.)
- All sheetrock and joint compound
- All ceiling tile (Previously tested by others)
- Wall parging
- Boiler & Meter Room ceiling
- Mastic on fiberglass ends
- Burlap wall paper
- Floor Tile Mastic

SECTION 7 RECOMMENDATIONS

- A. Any Materials listed as Presumed Asbestos Containing Materials (PACM) in Appendix A shall either be assumed to contain asbestos or should be analyzed prior to disturbance 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 Robert Morris Elementary 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 INSPECTOR ACCREDITATION

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

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

Course Date

N/A

Exam Date

7/11/20

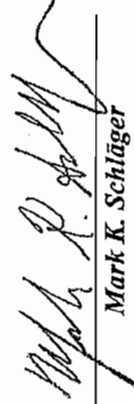
Expiration Date

Not Provided

Social Security Number

ACC-0719-6-006

Certificate Number


Mark K. Schlager
Training Director

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

Course Date

N/A

Exam Date

7/11/20

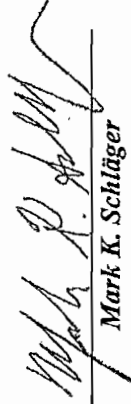
Expiration Date

Not Provided

Social Security Number

ACC-0719-6-005

Certificate Number



Mark K. Schlager
Training Director

APPENDIX A

REINSPECTION FINDINGS:

HOMOGENEOUS SAMPLING CHART

RESPONSE ACTION BASED ON HAZARD RANK

ASBESTOS CONTAINING BUILDING MATERIAL (ACBM) LOCATION DRAWINGS

Guzeck Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District Building: Robert Morris Elementary School Dates of Original AHERA Inspection: July, 1988 Page 1 of 8

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESSMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
Basement, Maintenance (Formerly Library)	12"x12" Floor Tile (Approx. 1,113 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor Tile appears newer, Floor Tile should be testing prior to disturbance.
	Fittings (Indeterminate) Under Sink & above ceiling	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Fittings assumed to be above ceiling
Basement, Storage Room "A"	Fittings (Approx. 10 - 12 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Restroom (next to Meter Room)	9"x9" Floor Tile (Approx. 60 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Some minor chipping and cracking
Basement, Boiler Room	Breeching & Duct Gaskets (Approx. 500 - 600 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove
	Boiler Gaskets	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Fittings (Approx. 4 - 6 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	5	3	- Remove
Basement, Main Entrance Steps	Linoleum on Steps (Approx. 120 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Restroom (in former teachers lounge)	9"x9" Floor Tile (Approx. 80 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	- Some tiles are popping and becoming loose
Basement, IST Room	Fittings (Approx. 5 - 8 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	N/A	N/A	N/A	- Removed - No Documentation was provided by the District
Basement, Crawl Space No. 1	Fittings (Approx. 12 - 15 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Cold Lunch Room	Fittings (Approx. 5 - 8 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	

Information abstracted by: C. Notari and B. Tripp on 8/6/2019
 Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable
 AHERA Assessment / Hazard Rank / Removal Priority = See Attached Document, "RESPONSE ACTIONS BASED ON HAZARD RANKING"
 Building Inspector's Certification No.: 027028-PA and 053975-PA
 Assessment: G = Good, D = Damaged, SD = Significantly Damaged

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Robert Morris Elementary School

Dates of Original AHERA Inspection: July, 1988

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HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESSMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
Basement, Cold Lunch Room	12"x12" Floor Tile (Approx. 1,349 SQ. FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Closet No. 2	9"x9" Floor Tile (Approx. 77 SQ. FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Cold Lunch Storage (Formerly Maintenance)	Fittings /Pipe Insulation (Approx. 5 - 8 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Music Room	Fittings /Pipe Insulation (Approx. 8 - 10 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Crawl Space No. 2	Fittings /Pipe Insulation (Approx. 8 - 10 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Main Hallway	9"x9" & 12"x12" Floor Tile (Approx. 500 SQ. FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Remove/Replace broken or missing floor tiles and mastic - Some 12"x12" Floor Tile appears newer, floor tile should be testing prior to disturbance.
1st Floor, Multipurpose Room	9"x9" Floor Tile (Approx. 2,069 SQ. FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	3	5	- Remove/Replace broken or missing floor tiles
	Linoleum on Steps (Block) (Approx. 150 SQ. FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Room 101	9"x9" Floor Tile (Approx. 670 SQ. FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
1st Floor, Room 102	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove
1st Floor, Janitor's Closet No. 1	9"x9" Floor Tile (Approx. 60 SQ. FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove

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MATERIAL LOCATION	MATERIAL DESCRIPTION							
1st Floor, Boy's Restroom Chase	Fittings (Approx. 8 - 10 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove
1st Floor, Room 103	Fittings (Under Sink) (Approx. 2 - 4 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
	9"x9" & 12"x12" Floor Tile (Approx. 675 SQ.FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Remove/Replace broken or missing floor tiles
1st Floor, Room 104	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
	9"x9" Floor Tile (Approx. 678 SQ.FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
1st Floor, Principle's and Secretaries Office	12"x12" Floor Tile (Approx. 90 SQ.FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Room 105	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	5	3	- Remove, Fittings have high potential for disturbance
	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
1st Floor, Room 106 Music Room	9"x9" Floor Tile (Approx. 660 SQ.FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
	9"x9" Floor Tile (Approx. 30 SQ.FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	- Remove
1st Floor, Room 107	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance

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Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Robert Morris Elementary School

Dates of Original AHERA Inspection: July, 1988

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MATERIAL LOCATION	MATERIAL DESCRIPTION							
1st Floor, Girl's Restroom Chase	Fittings /Pipe Insulation (Undetermined)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	5	3	- Remove
	12"x12" Floor Tile (Approx. 200 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Library	Acoustical Plaster (Approx. 537 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	N/A	N/A	N/A	- Removed in 2017, No documentation was provided by from District
1st Floor, Main Hallway and Closet	9"x9" & 12"x12" Floor Tile (Approx. 1,500 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Remove/Replace broken or missing floor tiles. - 3 damaged floor tiles outside room 106, 4 damaged floor tiles at water cooler, and 5 cracked floor tiles outside library
	9"x9" & 12"x12" Floor Tile (Approx. 300 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Stairwell No. 1	Linoleum on Steps (Approx. 120 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	9"x9" & 12"x12" Floor Tile and Linoleum (Approx. 400 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Main Entrance Stairwell	9"x9" & 12"x12" Floor Tile (Approx. 60 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
2nd Floor, Room 201	9"x9" Floor Tile (Approx. 675 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet

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MATERIAL LOCATION	MATERIAL DESCRIPTION							
2nd Floor, Room 202	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	N/A	N/A	N/A	- Removed in 2017, No documentation was provided by from District
	9"x9" Floor Tile (Approx. 675 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Room 203	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	N/A	N/A	N/A	- Removed in 2017, No documentation was provided by from District
	9"x9" Floor Tile (Approx. 675 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Room 204	Fittings (Under Sink) (Approx. 1 Fitting)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
	9"x9" Floor Tile (Approx. 675 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Room 205	Fittings (Under Sink) (Approx. 1 Fitting)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
	9"x9" Floor Tile (Approx. 675 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Room 206	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Fitting jackets are opened up - Remove, Fittings have high potential for disturbance
	9"x9" Floor Tile (Approx. 675 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Girl's Restroom Chase (next to room 203)	Fittings /Pipe Insulation (Indeterminate)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Loose debris on floor
	Fittings (Approx. 4 - 6 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Loose debris on floor
2nd Floor, Boy's Restroom Chase (next to room 202)	Fittings (Approx. 4 - 6 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Loose debris on floor
	9"x9" Floor Tile (Approx. 60 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

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MATERIAL LOCATION	MATERIAL DESCRIPTION							
2nd Floor, Janitor's Closet No. 2	9"x9" Floor Tile (Approx. 60 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove
	9"x9" Floor Tile (Approx. 301 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet in Reading Skills and Speech Therapy Rooms
	12"x12" Floor Tile Orange & Green (Approx. 294 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor Tile appears newer, Floor Tile should be testing prior to disturbance.
2nd Floor, Room 207	Acoustical Plaster (Approx. 200 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	- Wood panel nailed to acoustical plaster
	Fittings (Under Sink) (Approx. 3 - 4 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
	9"x9" Floor Tile (Approx. 856 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Room 208	Fittings (Under Sink) (Approx. 6 - 8 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
	9"x9" Floor Tile (Approx. 856 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	- Remove, Fittings have high potential for disturbance
2nd Floor, Room 209	9"x9" Floor Tile (Approx. 856 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
	Fittings (Under Sink) (Approx. 1 - 3 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Remove, Fittings have high potential for disturbance
	9"x9" Floor Tile (Approx. 856 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	5	3	- Floor tile under carpet

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable

Building Inspector's Certification No.: 027028-PA and 053975-PA

Assessment: G = Good, D = Damaged, SD = Significantly Damaged

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

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Robert Morris Elementary School

Dates of Original AHERA Inspection: July, 1988

Page 7 of 8

HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESSMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
2nd Floor, Room 211	Fittings (Under Sink) (Approx. 3 - 4 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove, Fittings have high potential for disturbance
	9"x9" Floor Tile (Approx. 856 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Room 212 Copy Room / Teachers Lounge	9"x9" Floor Tile (Approx. 220 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
	9"x9" Floor Tile (Approx. 220 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile under carpet
2nd Floor, Main Hallway	Fittings /Pipe Insulation (Approx. 10 - 12 Fittings)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Fittings found above ceiling tile - 1 fitting above ceiling tile outside Room 209 is significantly damaged with loose debris on top of ceiling tile
	9"x9" & 12"x12" Floor Tile (Approx. 1,500 SQ FT)	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- 7 damaged floor tiles outside room 206, 3 significantly damaged in closet area, and Mastic Assumed
Throughout Building	Window Frame Caulking	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	3	5	- All windows and framing in classrooms and restrooms have been removed and replaced since last inspection. - No documentation was provided by the District
	Window Glazing	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	
	Louver Caulking	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	
	Expansion Joint Caulk	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	
	Vapor Barriers	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	1	7	

Information abstracted by: C. Notari and B. Tripp on 8/6/2019

Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable

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

Building Inspector's Certification No.: 027028-PA and 053975-PA

Assessment: G = Good, D = Damaged, SD = Significantly Damaged

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Robert Morris Elementary School

Dates of Original AHERA Inspection: July, 1988

Page 8 of 8

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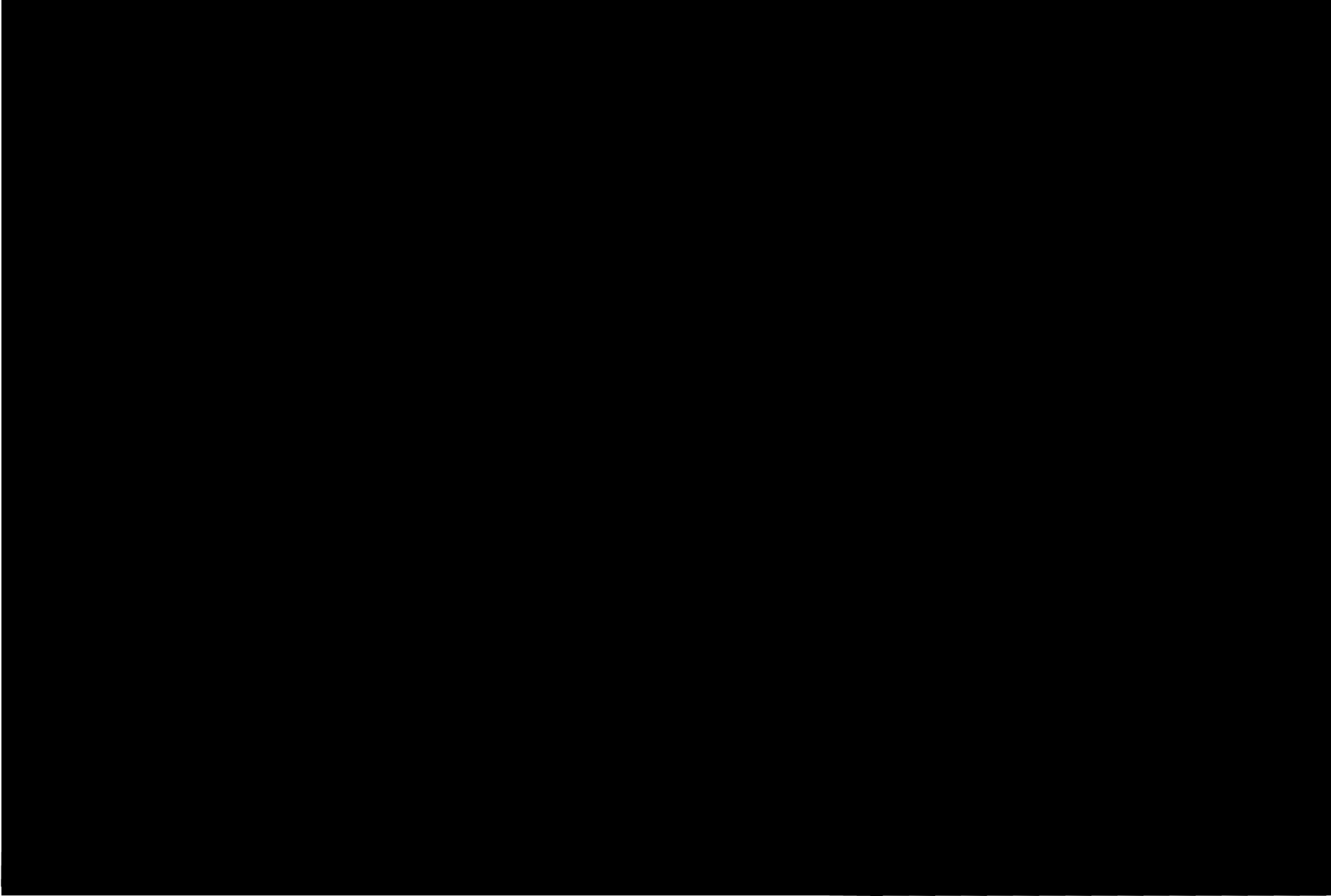
Information abstracted by: C. Notari and B. Tripp on 8/6/2019

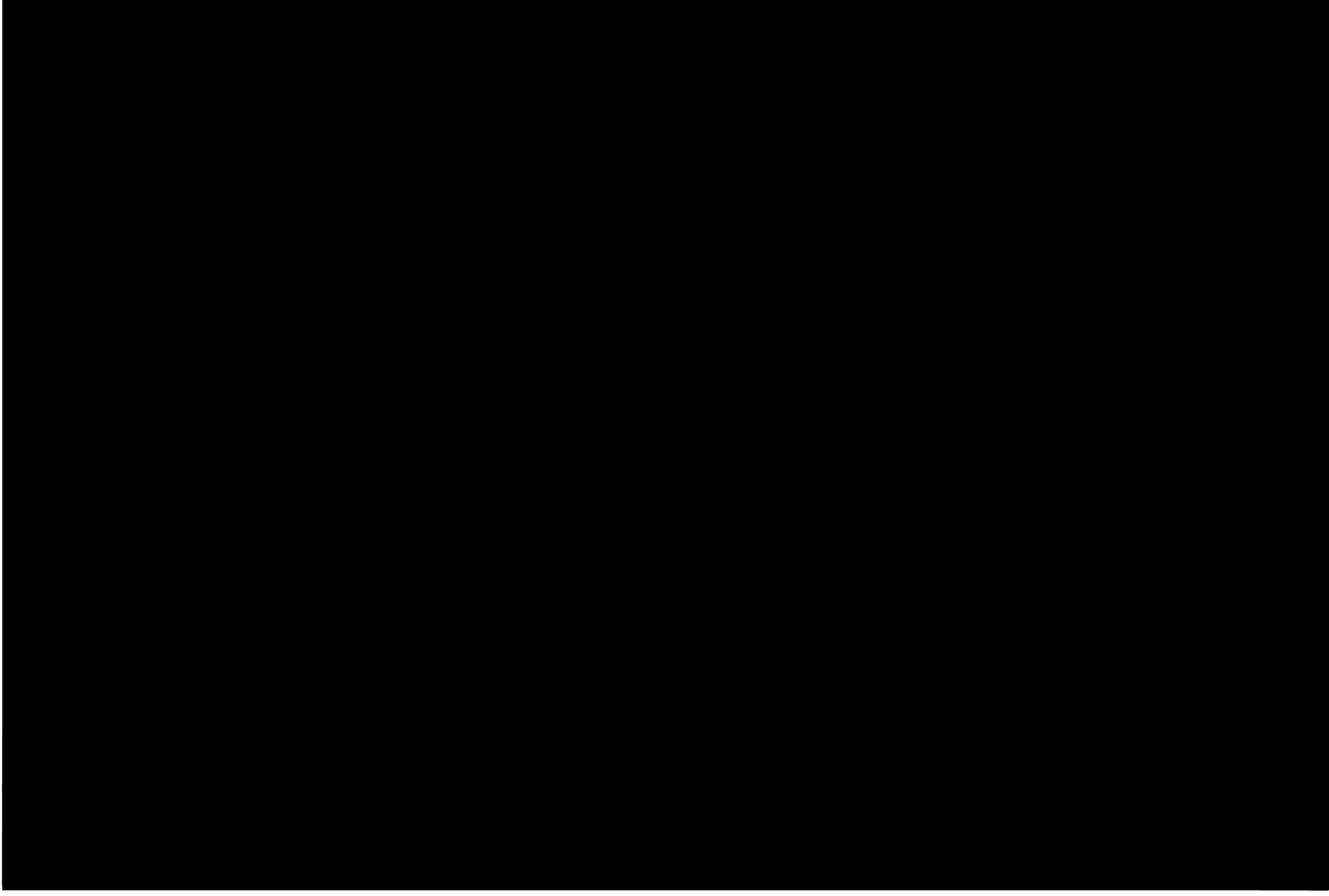
Friability: F = Friable, NF-1 = Non-Friable, NF-2 = Non-Friable

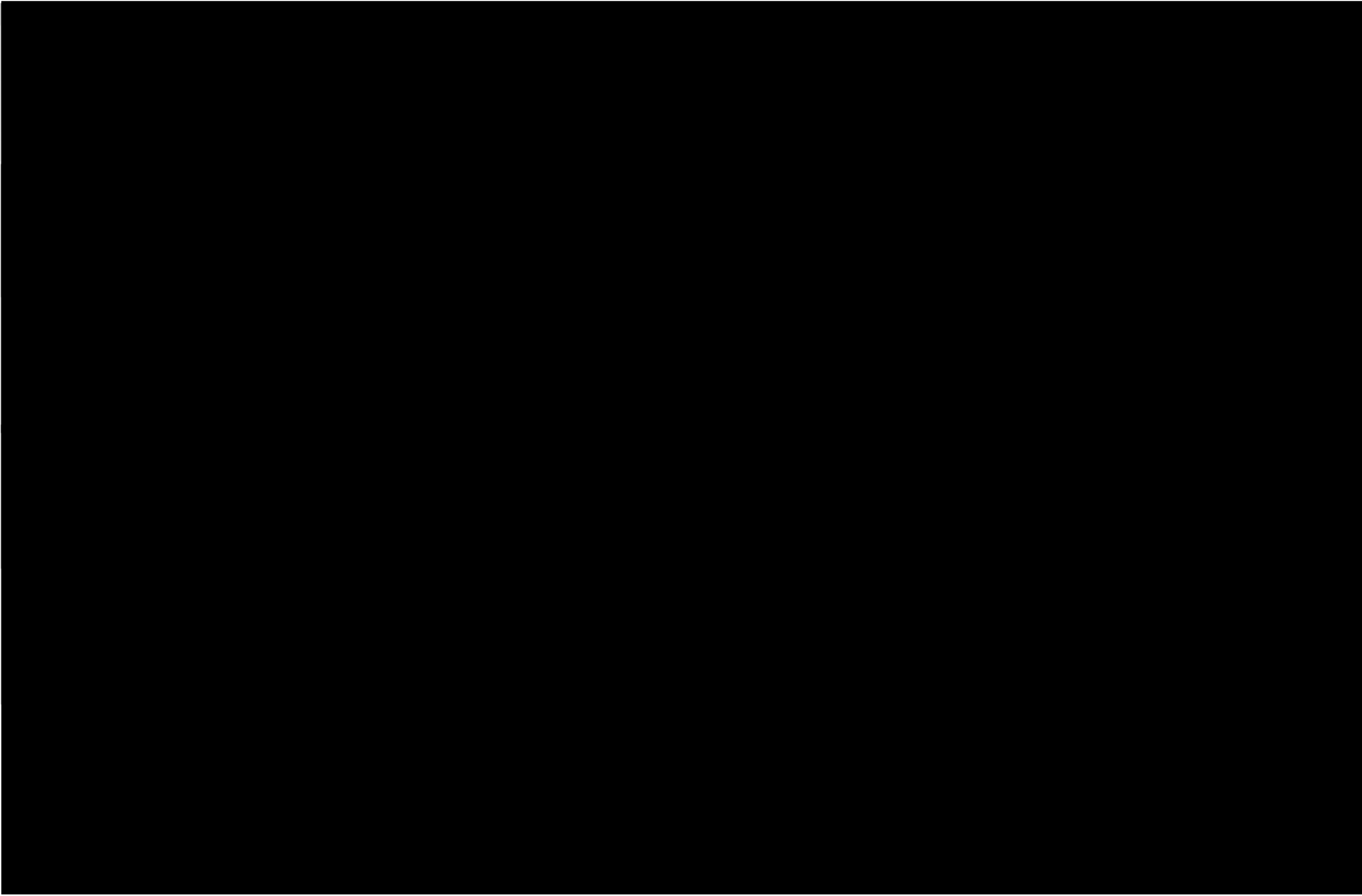
Assessment: G = Good, D = Damaged, SD = Significantly Damaged

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







APPENDIX B

TEST RESULTS FOR SUSPECTED ASBESTOS-CONTAINING MATERIALS:

2016 LABORATORY REPORT

2016 CHAIN OF CUSTODY

**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: 041622548

Customer ID: CLAG50

Customer PO:

Project ID:

Attention: Chris Notari

Guzek Associates, Inc.

401 Davis Street

Clarks Summit, PA 18411

Phone: (570) 586-9700

Fax: (570) 586-6728

Received Date: 08/12/2016 9:30 AM

Analysis Date: 08/16/2016 - 08/17/2016

Collected Date: 08/09/2016

Project: SSD 16_751 Robert Morris

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

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
01W 041622548-0001	Basement-Storage space under staircase No. 2 landing - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02B 041622548-0002	Basement-Storage space under staircase No. 2 landing - Plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03 041622548-0003	Basement-Hallway - Light plaster over wood (single layer)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04 041622548-0004	Basement-Library - 12x12 ceiling tile (spline)	Gray Fibrous Homogeneous	75% Min. Wool	25% Non-fibrous (Other)	None Detected
05 041622548-0005	Basement-Library - 2x2 ceiling tile (striations)	Brown/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (Other)	None Detected
06 041622548-0006	Basement-Library - Sink coating	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
07 041622548-0007	Basement-Meter room - Ceiling plaster (single layer)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08 041622548-0008	Basement-Boiler room - Mastic on fiberglass ends (4" boiler piping)	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09 041622548-0009	Basement-Boiler room - Mastic on fiberglass ends (4" boiler piping)	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10 041622548-0010	Basement-Boiler room - Mastic on fiberglass ends (4" boiler piping)	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11 041622548-0011	Basement-Boiler room - Ceiling plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12 041622548-0012	Basement-Boiler room - Ceiling plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13 041622548-0013	Basement-Storage room B - 12x12 ceiling tile (white with striations)	White Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
14W 041622548-0014	Basement-Storage room B - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/17/2016 07:03:03

**EMSL Analytical, Inc.**

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

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

EMSL Order: 041622548**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**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
15B 041622548-0015	Basement-Storage room B - Plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16 041622548-0016	Basement-Crawlspac c No. 1 - Parging behind access door on stone foundation wall	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17W 041622548-0017	Basement-Closet No. 1 - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
18B 041622548-0018	Basement-Closet No. 1 - Plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19 041622548-0019	1st floor-Multi-purpose room - 12x12 ceiling tile (popcorn paint)	Gray Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
20W 041622548-0020	1st floor-Multi-purpose room (under stage) - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
21B 041622548-0021	1st floor-Multi-purpose room (under stage) - Plaster base layer	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22 041622548-0022	1st floor-Multi-purpose room - Staircase black linoleum	Black Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
23-Floor Tile 041622548-0023	1st floor-Main entrance corridor staircase - Staircase black linoleum	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
23-Mastic 041622548-0023A	1st floor-Main entrance corridor staircase - Staircase black linoleum	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24W 041622548-0024	1st floor-Room 105 - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
25B 041622548-0025	1st floor-Room 105 - Plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26 041622548-0026	1st floor-Room 107 - Sink coating	Black Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
27 041622548-0027	1st floor-Room 108 - Exterior window glazing	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
28W 041622548-0028	1st floor-Room 104 - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
29B 041622548-0029	1st floor-Room 104 - Plaster base layer	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/17/2016 07:03:03



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: 041622548

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

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
30 041622548-0030	1st floor-Boys' room - Exterior window frame caulking	Gray Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
31 041622548-0031	1st floor-Room 101 - Exterior window frame caulking	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
32 041622548-0032	1st floor-Girls' room - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
33 041622548-0033	1st floor-Girls' room - Plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
34 041622548-0034	1st floor-Main corridor - Floor leveler under 12x12 floor tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
35 041622548-0035	1st floor-Staircase No. 2 - Interior door frame caulking	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
36W 041622548-0036	2nd floor-Room 201 - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
37B 041622548-0037	2nd floor-Room 201 - Plaster base layer	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
38W 041622548-0038	2nd floor-Room 206 - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
39B 041622548-0039	2nd floor-Room 206 - Plaster base layer	Brown/Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
40W 041622548-0040	2nd floor-Room 207 - Plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
41B 041622548-0041	2nd floor-Room 207 - Plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
42 041622548-0042	2nd floor-Room 208 - Exterior window frame caulking	Gray Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
43 041622548-0043	2nd floor-Room 208 - Exterior window glazing	Gray Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
44 041622548-0044	Exterior of building-Left of main entrance - Joint compound	White Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
Sample appears to be caulking.					
45 041622548-0045	Exterior of building-Main entrance door - Door frame caulking	Gray Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
46W 041622548-0046	Exterior of building - Ceiling plaster white layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
47B 041622548-0047	Exterior of building - Ceiling plaster base layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/17/2016 07:03:03

**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: 041622548

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
48 041622548-0048	Exterior of building - Louver caulking	White Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
49 041622548-0049	Exterior of building-Basement boiler room - Window frame caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
50 041622548-0050	Exterior of building-Staircase No. 2 door - Door frame caulking	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
51 041622548-0051	Exterior of building-Basement window rear of building - Window glazing	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile

Analyst(s)

Chelsey Bilhear (23)

Christina Shriver (12)

Felix Anusiem (17)

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: 08/17/2016 07:03:03

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041622548

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**	
Street: 401 Davis Street		Third Party Billing requires written authorization from third party	
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 Robert Morris		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: 08-09-2016	
Samplers Name: Chris Notari / Brent Tripp		Samplers Signature:	
Sample #	HA #	Sample Location	Material Description
01 W		Basement - Storage Space Under Staircase No. 2 Landing	Plaster White Layer
02 B		Basement - Storage Space Under Staircase No. 2 Landing	Plaster Base Layer
03		Basement - Hallway	Light Plaster Over Wood (Single Layer)
04		Basement - Library	12"x12" Ceiling Tile (Spline)
05		Basement - Library	2'x2' Ceiling Tile (Striations)
06		Basement - Library	Sink Coating
07		Basement - Meter Room	Ceiling Plaster (Single Layer)
08		Basement - Boiler Room	Mastic on Fiberglass Ends (4" boiler piping)
09		Basement - Boiler Room	Mastic on Fiberglass Ends (4" boiler piping)
10		Basement - Boiler Room	Mastic on Fiberglass Ends (4" boiler piping)
Client Sample # (s):		Total # of Samples: Fifty-one (51)	
Relinquished (Client):		Date: 08-10-2016	Time: 10:00 AM
Received (Lab):		Date: 8-12-2016	Time: 9:30 AM
Comments/Special Instructions:			



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041622548

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 W		Basement - Boiler Room	Ceiling Plaster White Layer
12 B		Basement - Boiler Room	Ceiling Plaster Base Layer
13		Basement - Storage Room "B"	12"x12" Ceiling Tile (White with Striations)
14 W		Basement - Storage Room "B"	Plaster White Layer
15 B		Basement - Storage Room "B"	Plaster Base Layer
16		Basement - Crawl Space No. 1	Parging Behind Access Door on Stone Foundation Wall
17 W		Basement - Closet No. 1	Plaster White Layer
18 B		Basement - Closet No. 1	Plaster Base Layer
19		1st Floor - Multi-Purpose Room	12"x12" Ceiling Tile (Popcorn Paint)
20 W		1st Floor - Multi-Purpose Room (Under Stage)	Plaster White Layer
21 B		1st Floor - Multi-Purpose Room (Under Stage)	Plaster Base Layer
22		1st Floor - Multi-Purpose Room	Staircase Black Linoleum
23		1st Floor - Main Entrance Corridor Staircase	Staircase Black Linoleum
24 W		1st Floor - Room 105	Plaster White Layer
25 B		1st Floor - Room 105	Plaster Base Layer
26		1st Floor - Room 107	Sink Coating
27		1st Floor - Room 108	Exterior Window Glazing
28 W		1st Floor - Room 104	Plaster White Layer
29 B		1st Floor - Room 104	Plaster Base Layer
30		1st Floor - Boys Room	Exterior Window Frame Caulking
31		1st Floor - Room 101	Interior Window Frame Caulking
32 W		1st Floor - Girls Room	Plaster White Layer
33 B		1st Floor - Girls Room	Plaster Base Layer
34		1st Floor - Main Corridor	Floor Leveler Under 12"x12" Floor Tile
*Comments/Special Instructions:			

Page 2 of 3 pages



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041622548

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
35		1st Floor - Staircase No. 2	Interior Door Frame Caulking
36 W		2nd Floor - Room 201	Plaster White Layer
37 B		2nd Floor - Room 201	Plaster Base Layer
38 W		2nd Floor - Room 206	Plaster White Layer
39 B		2nd Floor - Room 206	Plaster Base Layer
40 W		2nd Floor - Room 207	Plaster White Layer
41 B		2nd Floor - Room 207	Plaster Base Layer
42		2nd Floor - Room 208	Exterior Window Frame Caulking
43		2nd Floor - Room 208	Exterior Window Glazing
44		Exterior Of Building - Left of Main Entrance	Joint Compound
45		Exterior Of Building - Main Entrance Door	Door Frame Caulking
46 W		Exterior Of Building	Ceiling Plaster White Layer
47 B		Exterior Of Building	Ceiling Plaster Base Layer
48		Exterior Of Building	Louver Caulking
49		Exterior Of Building - Basement Boiler Room	Window Frame Caulking
50		Exterior Of Building - Staircase No. 2 Door	Door Frame Caulking
51		Exterior Of Building - Basement Window Rear of Building	Window Glazing
*Comments/Special Instructions:			

RECEIVED
 EMSL
 CINNAMINSON, NJ
 16 AUG 12 AM 11:19

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order: 041509599

CustomerID: CLAG50

CustomerPO: 033115

ProjectID:

Attn: **Joseph Guzek**
Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Phone: (570) 586-9700
Fax: (570) 586-6728
Received: 04/02/15 9:30 AM
Analysis Date: 4/6/2015
Collected: 3/31/2015

Project: SSD Morris

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
001T 041509599-0001	Base - Under Steps - 9"x9" FT White W/Green	White/Green Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
002M 041509599-0002	Base - Under Steps - 9"x9" FT Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
003T 041509599-0003	Base - Under Steps - 9"x9" FT White W/Green	White/Green Non-Fibrous Homogeneous		94% Non-fibrous (other)	6% Chrysotile
004M 041509599-0004	Base - Hall - 9"x9" FT Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
005 I 041509599-0005	Base - Hall - 9"x9" FT Brown	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	4% Chrysotile
006M 041509599-0006	Base - Hall - 9"x9" FT Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
007T 041509599-0007	Base - Hall - 9"x9" FT Brown	Brown Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
008M 041509599-0008	Base - Hall - 9"x9" FT Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Frank DiCrescenzo (6)

Matthew Carralero (4)


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# G0-00307

Initial report from 04/06/2015 14:32:24

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order: 041509599

CustomerID: CLAG50

CustomerPO: 033115

ProjectID:

Attn: **Joseph Guzek**
Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Phone: (570) 586-9700
Fax: (570) 586-6728
Received: 04/02/15 9:30 AM
Analysis Date: 4/6/2015
Collected: 3/31/2015

Project: SSD Morris

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
009T 041509599-0009	Base - Hall - 9"x9" FT White	White Non-Fibrous Homogeneous		96% Non-fibrous (other)	4% Chrysotile
010M 041509599-0010	Base - Hall - 9"x9" FT Mastlc	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Frank Dicrescenzo (6)

Matthew Carralero (4)

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 DFP 03036, PAID# 68-00367

Initial report from 04/06/2015 14:32:24

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only)

041509599

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

Company Name : Guzek Associates, Inc.		EMSL Customer ID:	
Street: 401 Davis Street		City: Clarks Summit	State/Province: PA
Zip/Postal Code: 18411	Country: United States	Telephone #: 5705869700	Fax #: 570-586-6728
Report To (Name): JOSEPH GUZEK		Please Provide Results: ☐ Fax ☒ Email	
Email Address: guzekassoc@aol.com		Purchase Order: 033115	
Project Name/Number: SSDMorris		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: PA		CT Samples: ☐ Commercial/Taxable ☐ Residential/Tax Exempt	
EMSL-Bill to: ☒ Same ☐ Different - If Bill to is Different note Instructions in Comments**			
Third Party Billing requires written authorization from third party			
Turnaround Time (TAT) Options* - Please Check			
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☒ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air ☐ Check if samples are from NY ☐ NIOSH 7400 ☐ w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) ☒ PLM EPA 600/R-93/116 (<1%) ☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS 198.1 (friable in NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ NYS 198.8 SOF-V ☐ NIOSH 9002 (<1%)		TEM - Air ☒ 4-4.5hr TAT (AHERA only) ☐ AHERA 40 CFR, Part 763 ☐ NIOSH 7402 ☐ EPA Level II ☐ ISO 10312 TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ Chatfield SOP ☐ TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm ☐ Waste ☐ Drinking All Fiber Sizes ☐ Waste ☐ Drinking	
TEM - Dust ☐ Microvac - ASTM D 5755 ☐ Wipe - ASTM D6480 ☐ Carpet Sonication (EPA 600/3-93/167) Soil/Rock/Vermiculite* ☐ PLM CARB 435 - A (0.25% sensitivity) ☐ PLM CARB 435 - B (0.4% sensitivity) ☐ TEM CARB 435 - B (0.4% sensitivity) ☐ TEM CARB 435 - C (0.91% sensitivity) ☐ TEM Qual. via Filtration Technique ☐ TEM Qual. via Drop-Mount Technique *Can not accept New York State Loose Fill Vermiculite Samples Other: ☐			
☒ Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): ☒ 0.8µm ☐ 0.45µm	
Samplers Name: Chris Notari		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
001T	Base. - Under steps - 9"x9" FT White w/Green	Bulk	4pm 3/31/15
002M	Base. - Under steps - 9"x9" FT mastic	Bulk	4pm 3/31/15
003T	Base. - Under steps - 9"x9" FT White w/Green	Bulk	4pm 3/31/15
004M	Base. - Hall 9"x9" FT mastic	Bulk	4pm 3/31/15
005T	Base. - Hall 9"x9" FT Brown	Bulk	4pm 3/31/15
006M	Base. - Hall 9"x9" FT mastic	Bulk	4pm 3/31/15
007T	Base. - Hall 9"x9" FT Brown	Bulk	4pm 3/31/15
Client Sample # (s): 001 - 010		Total # of Samples: 10	
Relinquished (Client): [Signature]		Date: 4/1/15	Time:
Received (Lab): BB [Signature]		Date: 4-2-15	Time: 930
Comments/Special Instructions: For Mastic only - stop at first positive result			

10SH



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

041509549

EMSL Analytical, Inc.
200 Route 130 North

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

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

[illegible]