3-YEAR ASBESTOS RE-INSPECTION REPORT

JOHN ADAMS 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:

July 2019

TABLE OF CONTENTS

ASBESTOS INSPECTION

For the property known as:

JOHN ADAMS ELEMENTARY SCHOOL

SECTION 1 EXECUTIVE SUMMARY

An Asbestos Materials Inspection Survey was conducted on July 24, 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) 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 (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 John Adams 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 the John Adams Elementary School Administration Office.

SECTION 3 BUILDING DISCRIPTION

John Adams Elementary School, located at 927 Capouse Avenue, Scranton, PA is a steel fame and masonry building constructed in 1931. The building consists of a basement, two (2) floors, and an attic space, and contains approximately 37,615 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 John Adams 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 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. 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. Electrical wiring insulation may by 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 in Gym)
- All ceiling tile (Previously tested by others)
- Boiler Room Ceiling
- Wall Burlap (Previously tested by others)
- Mastic over fiberglass ends
- Fan Room (Black coating on fan box)
- Loose debris in Air Exchanger Box
- Gypsteel
- Linoleum in Room K-1 Kindergarten
- Popcorn Texture Paint (Pre-K Classroom)
- Window Frame Caulking
- Window Glazing
- Door Frame Caulk (White only – Tan Caulk is Confirmed Asbestos)

SECTION 7 RECOMMENDATIONS

A. Any Materials listed as Presumed 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 John Adams 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 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	
Social Security Number	*Certificate Number*	*Mark K. Schläger* *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	
Social Security Number	*Certificate Number*	*Mark K. Schläger* *Training Director*

APPENDIX A

REINSPECTION FINDINGS:

HOMOGENEOUS SAMPLING CHART

RESPONSE ACTION BASED ON HAZARD RANK

ASBESTOS CONTAINING BUILDING MATERIAL (ACBM) LOCATION DRAWINGS

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District | Building: John Adams Elementary 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, Storage Room "A"	Fittings and Pipe Insulation (Approx. 25 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Storage Room "B"	Fittings and Pipe Insulation (Approx. 60 - 80 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	5	3	- Three (3) damaged fittings above fire cabinets at back wall
Basement, Custodian Area (Boiler Room)	Fittings and Pipe Insulation (Approx. 50 - 60 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	5	3	- Remove Approx. 25 - 30 LF of damaged pipe insulation at and in pit area. - 3 - 4 fitting are significanlty damaged in pit area. Loose debris in pit area and in trench
	Boiler Gaskets	TSI SURFACE Misc.	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	
	Storage Tank Insulation	**TSI** SURFACE Misc.	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	
Basement, Storage Room "C"	Fittings and Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Storage Room "D"	Fittings and Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Cafeteria	12"x12" Floor Tile & Mastic (Approx. 1,525 SQ FT) (Assumed)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	
Basement, Cafeteria and Office	Fittings and Pipe Insulation (Approx. 95 - 100 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Remove Approx. 4 LF of damaged pipe insulation at column in Cafeteria
Basement, Art/Music and Teachers Lounge	Fittings and Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Stairwell #3 and Hallway	Fittings and Pipe Insulation (Approx. 20 - 30 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
Basement, Computer and Storage Room	Fittings and Pipe Insulation (Approx. 50 - 60 LF)	**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 July 24, 2019 | Building Inspector's Certification No.: 027028-PA and 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"

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District | Building: John Adams Elementary 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, Library and Library Storage Room	Fittings and Pipe Insulation (Approx. 130 - 140 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- One (1) damaged fitting in Library - One (1) damaged fitting in Storage Room
1st Floor, Room 108	Linoleum Flooring & Mastic (Approx. 60 SQ FT)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	**G** D SD	2	6	- Minor craking around edge - Mastic assumed to be ACBM
1st Floor, Girls Room	Fittings and Pipe Insulation (Approx. 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
1st Floor, Girl's Room Chase	Fittings and Pipe Insulation (Approx. 50 - 60 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G D **SD**	6	2	- Many fittings are distroyed and loose debris on floor
1st Floor, Gymnasium	Acoustical Ceiling (Approx. 2,000 SQ FT)	TSI **SURFACE** Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	5	3	- Dents in ceiling
1st Floor, Boy's Room and Chase	Fittings and Pipe Insulation (Approx. 10 - 15 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	G **D** SD	5	3	- Ripped jacket covers and some loose debris
1st Floor, Pre-K Classroom	12"x12" Floor Tile & Mastic (Approx. 696 SQ FT) (Assumed)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	
1st Floor, K-2 Classroom	12"x12" Floor Tile & Mastic (Approx. 697 SQ FT) (Assumed)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	
1st Floor, Medical Room	12"x12" Floor Tile & Mastic (Approx. 240 SQ FT) (Assumed)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	
1st Floor, K-1 Classroom	Fittings and Pipe Insulation (Approx. 5 - 8 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	
	12"x12" Floor Tile & Mastic (Approx. 800 SQ FT) (Assumed)	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	2	6	
2nd Floor, Room 209	Sink Coating on Exterior Base of Sink	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 July 24, 2019 | Building Inspector's Certification No.: 027028-PA and 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"

Guzek Associates, Inc. - HOMOGENEOUS SAMPLING CHART

Scranton School District | Building: John Adams Elementary 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							
Exterior of Building	Door Frame Caulking (Tan Color Only)	TSI SURFACE **Misc.**	Assumed or **Analyzed**	F **NF-1** NF-2	**G** D SD	1	7	
Attic	Fittings and Pipe Insulation (Approx. 150 - 200 LF)	**TSI** SURFACE Misc.	Assumed or **Analyzed**	**F** NF-1 NF-2	**G** D SD	2	6	- Blown in insulation was added in late 2017, unknown if any debris or damaged items exist under blown in insulation
Thoughtout Building	Vapor Barriers	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	1	7	
	Boiler Gaskets	**TSI** SURFACE Misc.	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	1	7	
	Ductwork Flex Connections	TSI SURFACE **Misc.**	**Assumed** or Analyzed	F **NF-1** NF-2	**G** D SD	1	7	
	Chalkboard Mastic	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 July 24, 2019 | Building Inspector's Certification No.: 027028-PA and 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"

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]

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: 041621913
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: 08/08/2016 9:10 AM
Analysis Date: 08/11/2016
Collected Date: 08/04/2016

Project: SSD 16_751 John Adams Elementary

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

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
01 *041621913-0001*	Basement - Boiler 1 - Mastic on Fiberglass Ends	White Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (Other)	None Detected
02 *041621913-0002*	Basement - Boiler 2 - Mastic on Fiberglass Ends	White Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (Other)	None Detected
03 *041621913-0003*	Basement Boiler Room - Fiberglass Ends - Boiler Piping	White Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (Other)	None Detected
04 *041621913-0004*	Baement - Storage Room "B" - Cementitious Ceiling	Gray Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
05 *041621913-0005*	Basement - Fan Room - Black Paper Cover on Fan	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
06 *041621913-0006*	Basement - Fan Room - Debris on Floor of Fan Air Exchanger	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
Sample appears to be insulation.					
07W *041621913-0007*	1st Floor - Room 106 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08B *041621913-0008*	1st Floor - Room 106 - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09 *041621913-0009*	1st Floor - Room 108 - Linoleum Flooring	Tan Fibrous Homogeneous	10% Cellulose	65% Non-fibrous (Other)	25% Chrysotile
10 *041621913-0010*	1st Floor - Girls Room - Gypsteel Block	Gray Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
11 *041621913-0011*	1st Floor - Room K-1 / Kindergarten - Brown Linoleum - under 12x12 Tile and Wood Subfloor	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12W *041621913-0012*	1st Floor - Medical Room - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13B *041621913-0013*	1st Floor - Medical Room - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14 *041621913-0014*	1st Floor - Room K-2 / Kindergarten - Wall Paper	Brown Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
15W *041621913-0015*	1st Floor - Room K-2 / Kindergarten - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 08/11/2016 13:13:24

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: 041621913
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 % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
16B *041621913-0016*	1st Floor - Room K-2 / Kindergarten - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 *041621913-0017*	1st Floor - Room Pre-K / Pre-Kindergarten - Acoustical Ceiling - Popcorn	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
18 *041621913-0018*	1st Floor - Room Pre-K / Pre-Kindergarten - Acoustical Ceiling - Popcorn	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19 *041621913-0019*	1st Floor - Room Pre-K / Pre-Kindergarten - Acoustical Ceiling - Popcorn	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
20W *041621913-0020*	1st Floor Hallway - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
21B *041621913-0021*	1st Floor Hallway - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22 *041621913-0022*	Basement - Art / Music Room - Gypsteel Ceiling Block	Gray Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
23W *041621913-0023*	2nd Floor - Room 201 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
23B *041621913-0024*	2nd Floor - Room 201 - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
25W *041621913-0025*	2nd Floor - Boys Room - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26B *041621913-0026*	2nd Floor - Boys Room - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27 *041621913-0027*	2nd Floor - Room 206 - Window Frame Caulking	Black Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
28W *041621913-0028*	2nd Floor - Room 208 - Plaster White Layer	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
29B *041621913-0029*	2nd Floor - Room 208 - Plaster Base Layer	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
30 *041621913-0030*	2nd Floor - Room 209 - Window Frame Caulking	Brown Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
31 *041621913-0031*	Exterior of Building - Front Door / Capouse Ave - Door Frame Caulking	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile

Initial report from: 08/11/2016 13:13:24

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:	041621913
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 % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
32 *041621913-0032*	Exterior of Building - Mortar Between Concrete Blocks	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
33 *041621913-0033*	Exterior of Building - Spellman Court - Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
34 *041621913-0034*	Exterior of Building - Gym Door out to Parking Lot - Door Frame Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)
Keishla Vazquez Caraballo (32)
Seri Smith (2)

Benjamin Ellis, Laboratory Manager
or Other Approved Signatory

Initial report from: 08/11/2016 13:13:24

rderID: 041621913

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041621913

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 John Adams Elementary	**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	☐

RECEIVED EMSL CINNAMINSON, NJ 16 AUG -8 AM 9:55

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** **Date Sampled:** 08-04-2016

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

Sample #	HA #	Sample Location	Material Description
01		Basement - Boiler 1	Mastic on Fiberglass Ends
02		Basement - Boiler 2	Mastic on Fiberglass Ends
03		Basement Boiler Room	Fiberglass Ends (Boiler Piping)
04		Basement - Storage Room "B"	Cementitious Ceiling
05		Basement - Fan Room	Black Paper Cover on Fan
06		Basement - Fan Room	Debirs on Floor of Fan Air Exchanger
07 W		1st Floor - Room 106	Plaster White Layer
08 B		1st Floor - Room 106	Plaster Base Layer
09		1st Floor - Room 108	Linoleum Flooring
10		1st Floor - Girls Room	Gypsteel Block

Client Sample # (s): - **Total # of Samples:** Thirty-Four (34)

Relinquished (Client): Brent Tripp **Date:** 08-04-2016 **Time:** 3:00 PM

Received (Lab): RD EMSL RL **Date:** 8-8-2016 **Time:** 9:10 AM

Comments/Special Instructions:

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

rderID: 041621913

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041621913

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		1st Floor - Room K-1 (Kindergarten)	Brown Linoleum, under 12x12 tile and wood subfloor
12 W		1st Floor - Medical Room	Plaster White Layer
13 B		1st Floor - Medical Room	Plaster Base Layer
14		1st Floor - Room K-2 (Kindergarten)	Wall Paper
15 W		1st Floor - Room K-2 (Kindergarten)	Plaster White Layer
16 B		1st Floor - Room K-2 (Kindergarten)	Plaster Base Layer
17		1st Floor - Room Pre-K (Pre - Kindergarten)	Acoustical Ceiling (Popcorn)
18		1st Floor - Room Pre-K (Pre - Kindergarten)	Acoustical Ceiling (Popcorn)
19		1st Floor - Room Pre-K (Pre - Kindergarten)	Acoustical Ceiling (Popcorn)
20 W		1st Floor Hallway	Plaster White Layer
21 B		1st Floor Hallway	Plaster Base Layer
22		Basement - Art/Music Room	Gypsteel Ceiling Block
23 W		2nd Floor - Room 201	Plaster White Layer
24 B		2nd Floor - Room 201	Plaster Base Layer
25 W		2nd Floor - Boys Room	Plaster White Layer
26 B		2nd Floor - Boys Room	Plaster Base Layer
27		2nd Floor - Room 206	Window Frame Caulking
28 W		2nd Floor - Room 208	Plaster White Layer
29 B		2nd Floor - Room 208	Plaster Base Layer
30		2nd Floor - Room 209	Window Frame Caulking
31		Exterior of Building - Front Door (Capouse Ave)	Door Frame Caulking
32		Exterior of Building	Mortar Between Concrete Blocks
33		Exterior of Building - (Spellman Court)	Window Glazing
34		Exterior of Building - Gym Door out to Parking Lot	Door Frame Caulking

***Comments/Special Instructions:**

RECEIVED
EMSL
CINNAMINSON, NJ
16 AUG -8 AM 9:55