

# **3-YEAR ASBESTOS RE-INSPECTION REPORT**

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## **ADMINISTRATIVE BUILDING SCRANTON, PA**

prepared for:

**SCRANTON SCHOOL DISTRICT  
425 North Washington Avenue  
Scranton, Pa. 18503**

### CONSULTANTS:

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

PROJECT: #SSD.19\_751

### Updated:

September 2019

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# **ASBESTOS INSPECTION**

**For the property known as:**

## **ADMINISTRATIVE BUILDING**

### **SECTION 1 EXECUTIVE SUMMARY**

An Asbestos Materials Inspection Survey was conducted on September 16, 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 Inspector, 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 Administrative Building 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 in the Administrative Building.

### **SECTION 3 BUILDING DISCRIPTION**

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The Administrative Building is located at 425 North Washington Avenue, Scranton, PA is a masonry building constructed in 1895. The building consists of a basement, three (3) floors, and contains approximately 39,160 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 Administrative Building 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. Electrical wiring insulation may be present

### Materials That Were Tested and Found Not to Contain Asbestos

- All layers of hard wall and ceiling plasters including Boiler Room Ceiling
- All ceiling tile (Previously tested by others)
- Mastic over fiberglass ends
- Floor Tile Mastic
- Joint Compound
- Sheetrock
- 2'x2' Ceiling Tiles
- Basement 2'x4' Ceiling Tiles
- File Storage Room Fiber Board
- Linoleum on Floor (Black Linoleum found on the 3<sup>rd</sup> floor under carpet)
- Michelle Rinaldis Office, Secretary No.1, and Jody Sundays Office on 1<sup>st</sup> Floor, Office 12"x12" Wall Board

## **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 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 Administrative Building.
- 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*

**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**

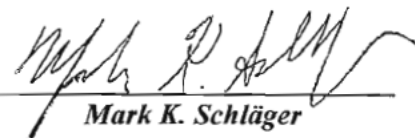
*Expiration Date*

**Not Provided**

*Social Security Number*

**ACC-0719-6-005**

*Certificate Number*



**Mark K. Schlager**  
*Training Director*



# 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**

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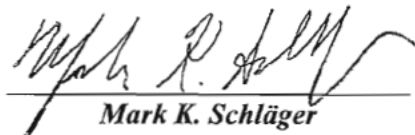
*Expiration Date*

**Not Provided**

*Social Security Number*

**ACC-0719-6-006**

*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**

# HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Administrative Building

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, Mechanical Room	Fittings/Pipe Insulation ( Approx. 150 LF Insulation ) ( Approx. 30 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	5	3	- 12 damaged fittings
	Gaskets on Boilers	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	1	7	
Basement, School Psychologist	Fittings/Pipe Insulation ( Approx. 14 LF Insulation ) ( Approx. 2 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Secretaries Room	Fittings/Pipe Insulation ( Approx. 10 LF Insulation ) ( Approx. 1 - 2 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- 1 Damaged fitting
Basement, Filing Room No.1	Fittings/Pipe Insulation ( Approx. 45 LF Insulation ) ( Approx. 5 - 7 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Registration	Fittings/Pipe Insulation ( Approx. 150 LF Insulation ) ( Approx. 20 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Steam Line Room	Loose debris in Trench ( Indeterminate )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	6	2	- Remove loose debris in Trench ( Limited Access )
Basement, File Storage Room	Fittings/Pipe Insulation ( Approx. 150 LF Insulation ) ( Approx. 30 - 35 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	- 25 LF of damaged insulation - 4 damaged fittings
Basement, Ladies Room	Fittings/Pipe Insulation ( Approx. 100-110 LF Insulation ) ( Approx. 30 - 35 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Repair two (2) 1" cracks in pipe insulation
Basement, Hall off Ladies Room	Fittings/Pipe Insulation ( Approx. 40-50 LF Insulation ) ( Approx. 2 - 3 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- 1 Damaged fitting
Basement, Main Hall - East Section and Coping Machine Room	Fittings/Pipe Insulation ( Approx. 80-85 LF Insulation ) ( Approx. 5 - 8 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Possible debris in trench (No Access)
Basement, Main Hall - West Section, Center Section, and Closet	Fittings/Pipe Insulation ( Approx. 250-260 LF Insulation ) ( Approx. 35 - 40 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	

Information abstracted by: B. Tripp in Spetember, 2019

Building Inspector's Certification No.: 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: Administrative Building

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, Men's Room	Fittings/Pipe Insulation ( Approx. 140-145 LF Insulation ) ( Approx. 15 - 20 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- 4 to 6 damaged fittings
Basement, Reception Room	Fittings/Pipe Insulation ( Approx. 20-30 LF Insulation ) ( Approx. 8-10 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Dark Room	Fittings/Pipe Insulation ( Approx. 70-75 LF Insulation ) ( Approx. 15-20 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	4	4	- 2 LF of damaged insulation - 6 to 8 damaged fittings
Basement, Misc. Storage Room, Storage Room "D", and Office No. 1	9"x9" Floor Tile ( Approx. 450 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Fittings/Pipe Insulation ( Approx. 200-210 LF Insulation ) ( Approx. 60-65 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- 1 damaged fitting in Office No. 1
Basement, Joe Walsh's Office	Fittings/Pipe Insulation ( Approx. 50-60 LF Insulation ) ( Approx. 12-15 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	3	5	- 3 Damaged Fittings
Basement, Storage Room "B"	Fittings/Pipe Insulation ( Approx. 40 LF Insulation ) ( Approx. 2 Fittings )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
Basement, Maintenance Office	Fittings/Pipe Insulation ( Approx. 5-6 LF Insulation ) ( Approx. 1 Fitting )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Michele Rinaldi's Office	9"x9" Floor Tile ( Approx. 165 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Jody Sunday's Office	9"x9" Floor Tile ( Approx. 450 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Secretary Area #1	9"x9" Floor Tile ( Approx. 350 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Storage Room "A"	9"x9" Floor Tile ( Approx. 180 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- 2 Broken tiles at entrance door

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## HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Administrative Building

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							
1st Floor, Storage Room "A"	Fittings/Pipe Insulation ( Approx. 6 LF Insulation )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Special Education Office	9"x9" Floor Tile ( Approx. 765 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Copy Room	9"x9" Floor Tile ( Approx. 75 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Title 1 Pre-School	9"x9" Floor Tile ( Approx. 250 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, ESL Room	9"x9" Floor Tile ( Approx. 270 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Pre-School Office	9"x9" Floor Tile ( Approx. 250 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Title 1 Pre-School, ESL Room, and Pre-School Office	Transite Wall Panels ( Approx. 460-500 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Storage Room "B"	9"x9" Floor Tile ( Approx. 175 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
1st Floor, Conference Room	9"x9" Floor Tile ( Approx. 300 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Human Resources	9"x9" Floor Tile ( Approx. 250 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Human Resources Office	9"x9" Floor Tile ( Approx. 255 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Human Resources Director	9"x9" Floor Tile ( Approx. 260 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet

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## HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: Administrative Building

Dates of Original AHERA Inspection: July, 1988

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HOMOGENEOUS SAMPLING MATERIAL		MATERIAL CATEGORY	ASBESTOS CONTENT	FRIABILITY	AHERA ASSESMENT	AHERA HAZARD	AHERA REMOVAL PRIORITY	NOTES
MATERIAL LOCATION	MATERIAL DESCRIPTION							
1st Floor, Storage Room "C"	9"x9" Floor Tile ( Approx. 175 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Student Registration	9"x9" Floor Tile ( Approx. 460 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Student Registration Office 1, 2, and Storage Room "D"	9"x9" Floor Tile ( Approx. 450 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Storage Room "E"	Safe Door ( Approx. 35 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Safe door is assumed to contain asbestos
1st Floor, Special Ed Secretary	9"x9" Floor Tile ( Approx. 200 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
1st Floor, Kitchenette	9"x9" Floor Tile ( Approx. 115 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
2nd Floor, Confrecnce Room	9"x9" Floor Tile ( Approx. 770 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
2nd Floor, Closet "A"	9"x9" Floor Tile ( Approx. 210 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Repair 3 Damaged Floor Tiles
2nd Floor, Storage Room "C"	Safe Door ( Approx. 35 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Safe door is assumed to contain asbestos
2nd Floor, Public Relations Office, Dietitians Office, and Truancy Office	9"x9" Floor Tile ( Approx. 768 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
2nd Floor, Closet "B"	9"x9" Floor Tile ( Approx. 215 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
3rd Floor, Front Hallway	9"x9" Floor Tile ( Approx. 1,175 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet

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## HOMOGENEOUS SAMPLING CHART

Scranton School District

Building: John Adams 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							
3rd Floor, Food Services Office	9"x9" Floor Tile ( Approx. 110 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
3rd Floor, Billing Department	9"x9" Floor Tile ( Approx. 1,270 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
3rd Floor, Foyer	9"x9" Floor Tile ( Approx. 130 SQ FT )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	- Floor tile found under carpet
Thoughtout Building	Mastic Behind Chalkboards, wallboards, etc. ( Indeterminate )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Sink Coating on Exterior Base of Sinks ( Indeterminate )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Exterior Window Glazing ( Indeterminate )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Door Caulking ( Indeterminate )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	
	Vapor Barriers ( Indeterminate )	TSI SURFACE Misc.	Assumed or Analyzed	F NF-1 NF-2	G D SD	2	6	

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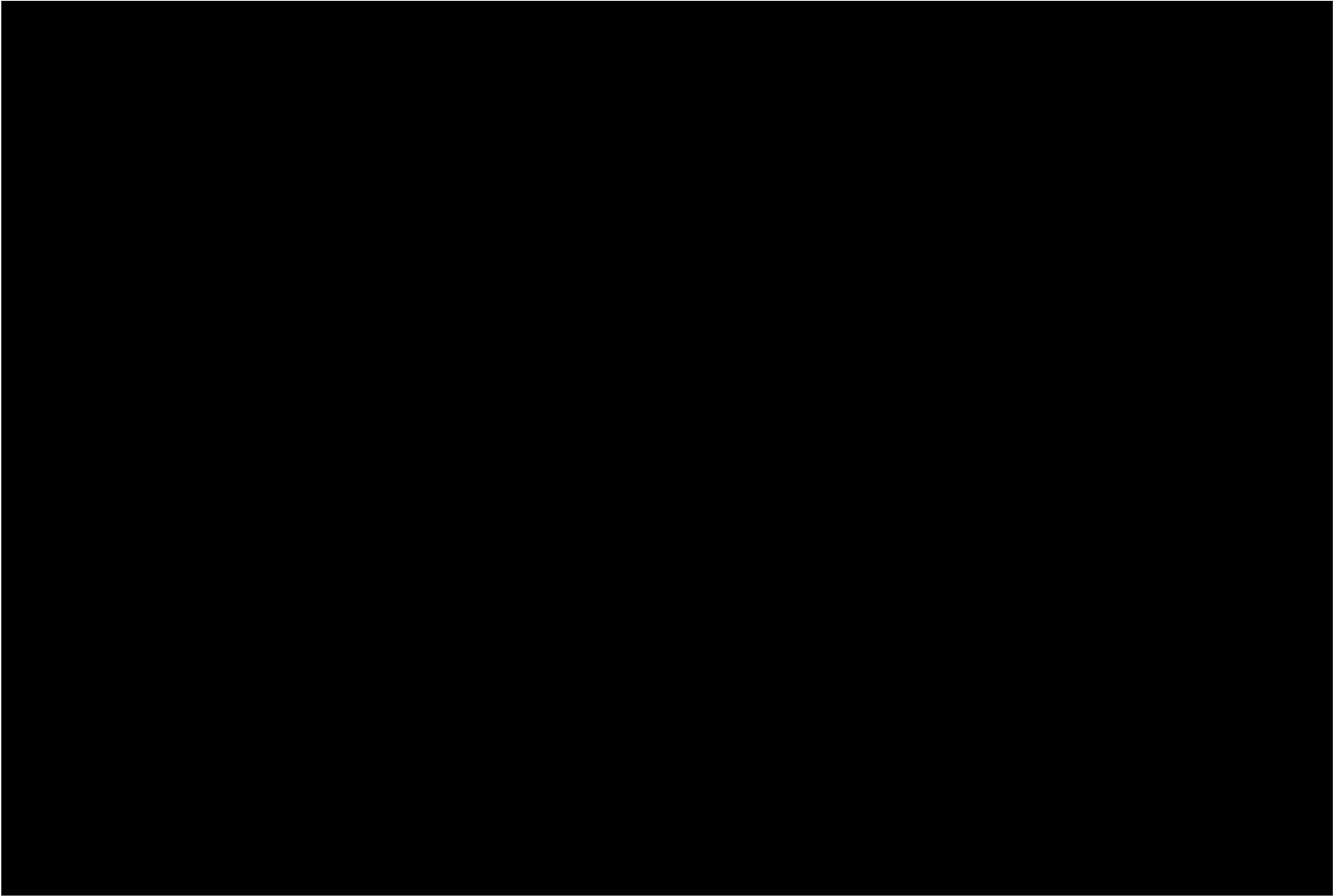
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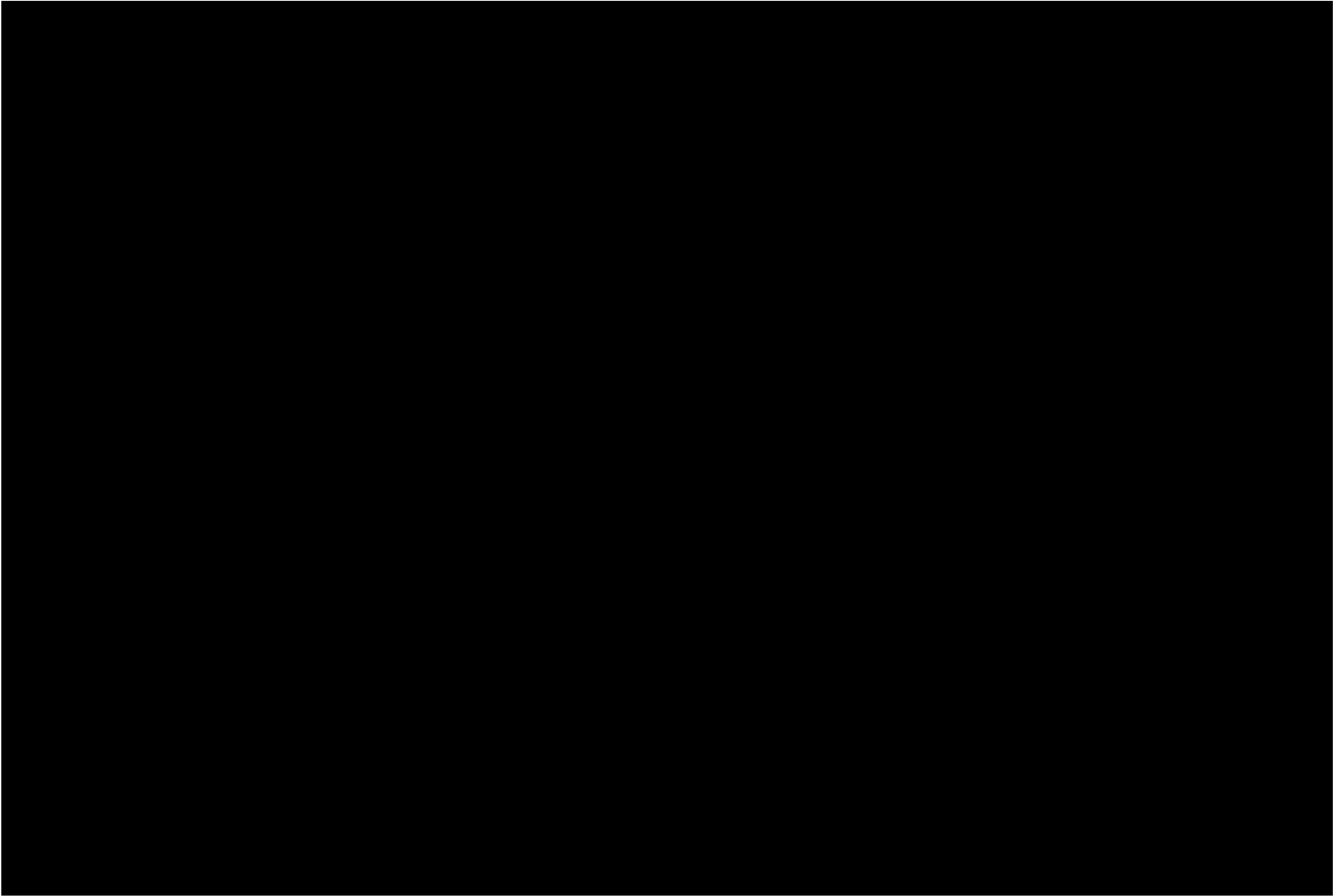
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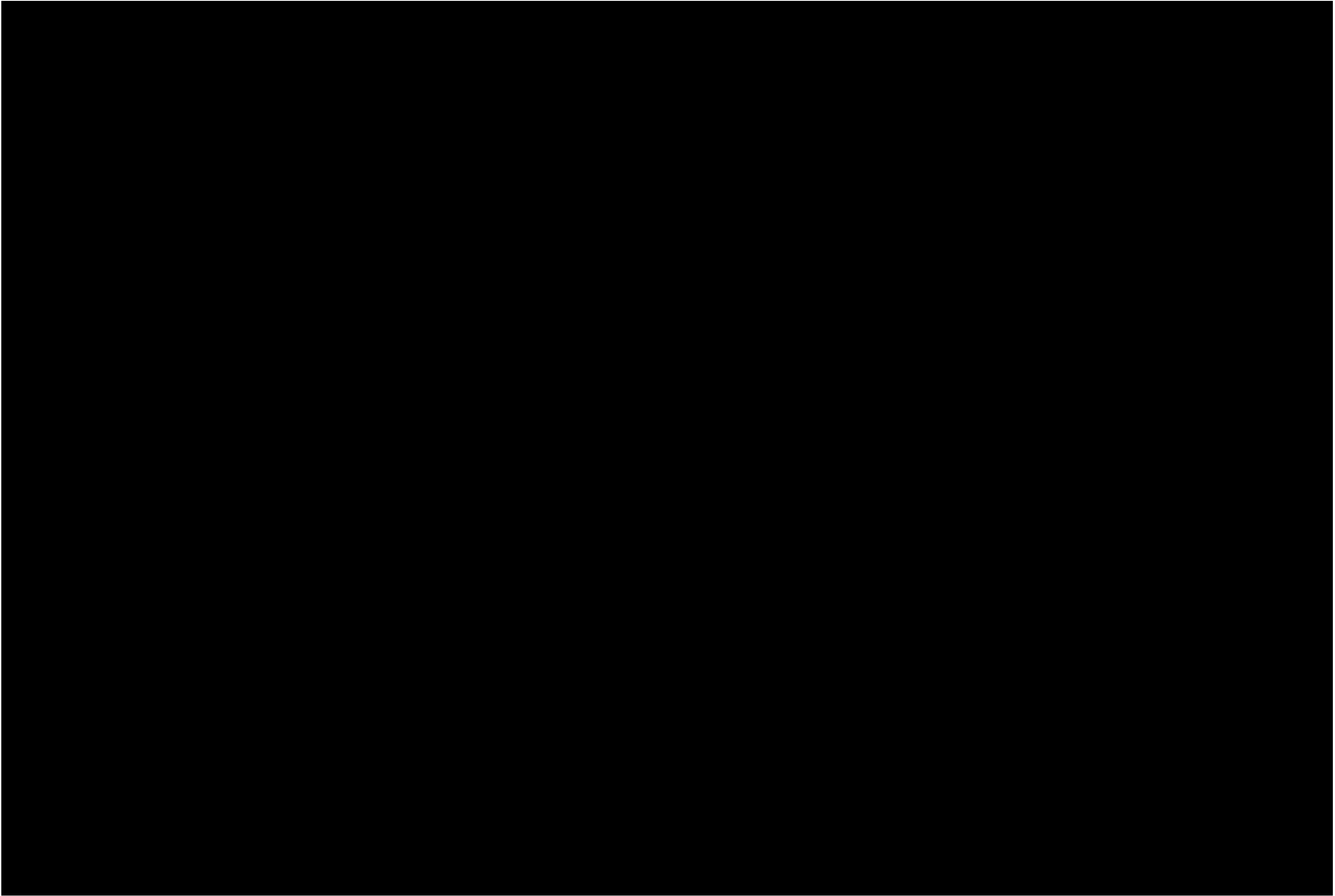


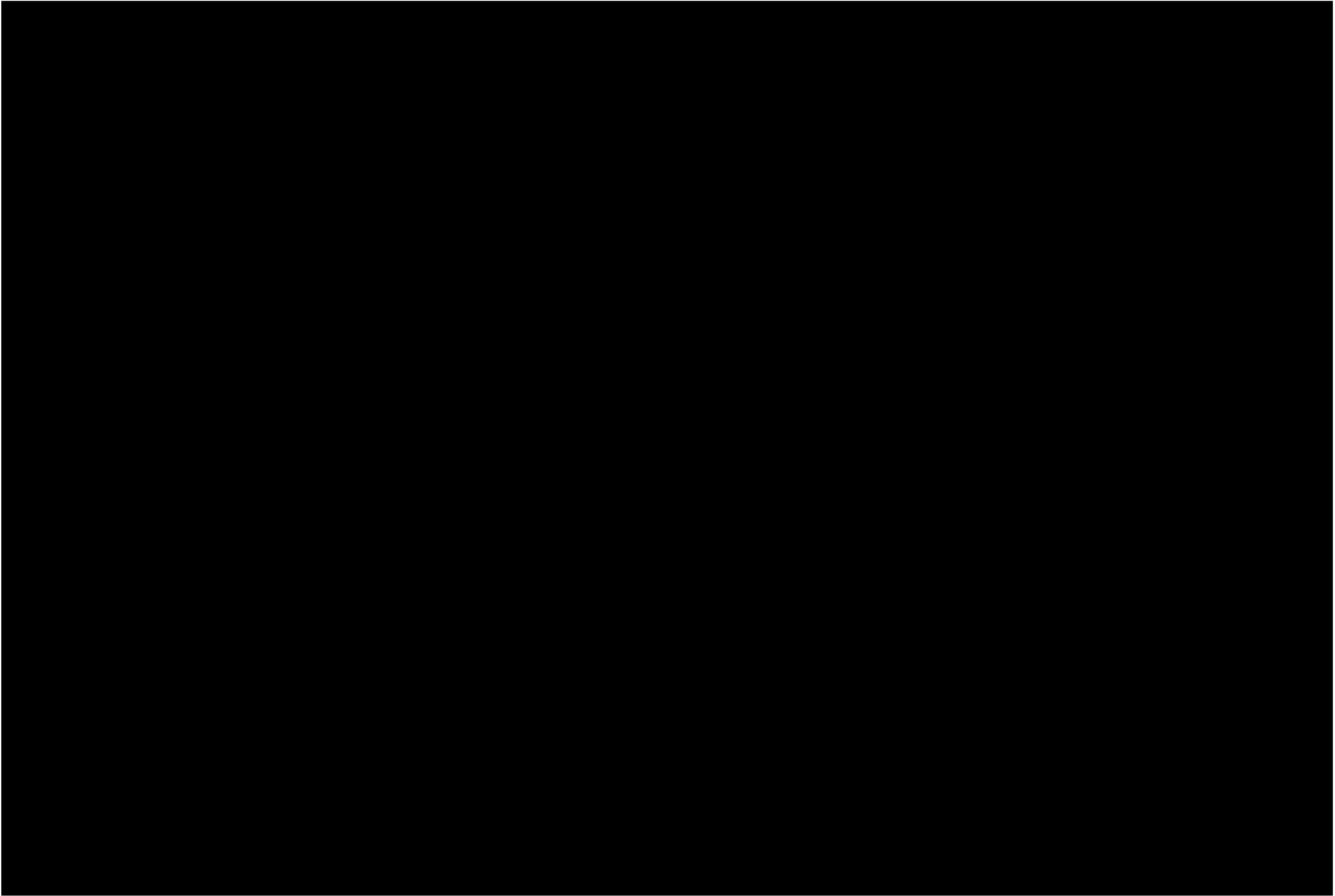
## RESPONSE ACTIONS BASED ON HAZARD RANK

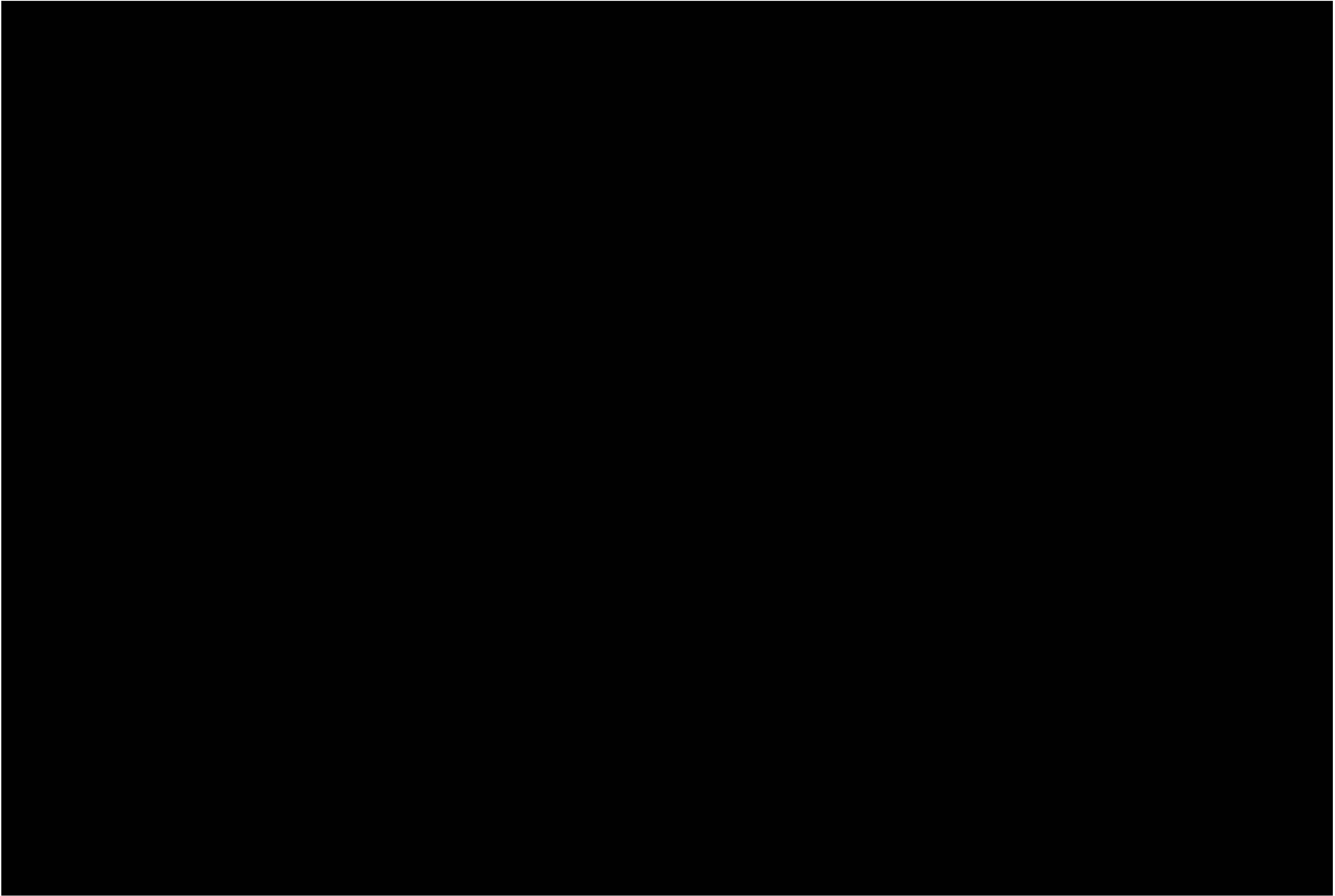
HAZARD RANK	REMOVAL PRIORITY	AHERA CATEGORIES	RESPONSE ACTIONS REQUIRED BY AHERA
<b>7</b>	<b>1</b>	Significantly Damaged	Evacuate or restrict the area if needed. Remove the ACBM (or enclose or encapsulate it if sufficient to contain fibers). Repair of T.S.I. allowed if feasible and safe. O&M required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



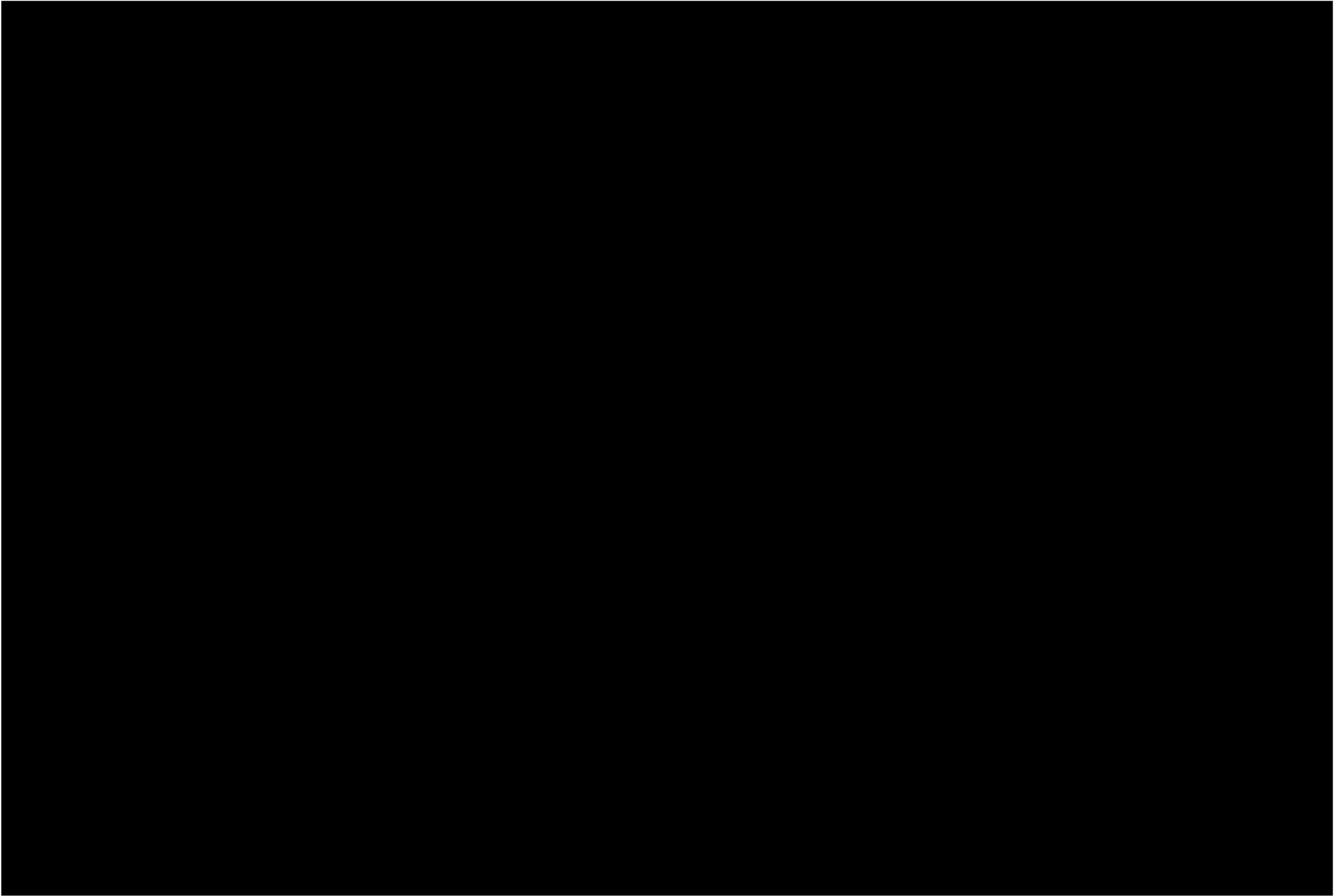












## **APPENDIX B**

### **TEST RESULTS FOR SUSPECTED ASBESTOS-CONTAINING MATERIALS:**

**2007 LABORATORY REPORT**

**2007 CHAIN OF CUSTODY**

**2017 LABORATORY REPORT**

**2017 CHAIN OF CUSTODY**

EMSL Representative: GAAYour Company Name: Chen Air Group Inc.

EMSL-Bill to:

Street:

401 Davis St.

Street:

Box #:

Box #:

City/State:

Clarks Summit, Pa Zip: 18411

City/State:

Zip:

Phone Results to:

Name:

Chris Notari

Fax Results to:

Telephone #:

570 586-9700

Name:

Chris Notari

Fax #:

570 586-6727

Project

Name/Number:

SSD Admin 7800i

Purchase Order #:

072507CN

MATRIX

TURNAROUND

☐ Air ☐ Floor Tile ☐ Soil  
☐ Bulk ☐ Drinking Water ☐ Dust  
☐ Wipe ☐ Wastewater ☐ Micro-Vac

☐ 6-10 Days ☐ 72 Hours ☐ 24 Hours ☐ Same Day\*  
☒ 5 Days ☐ 48 Hours ☐ 12 Hours ☐ 6 Hours  
\*S.D. - A.M. Delivery by Fed. Ex. Results by Mid-Night or Earlier.

TEM  
NIOSH 7400  
OSHA  
Other: \_\_\_\_\_

TEM AIR  
☐ AHERA  
☐ NIOSH 7402  
☐ EPA Level II

TEM WATER  
☐ Wastewater  
☐ Drinking Water EPA 100.1  
☐ Water - NY Wastewater  
☐ Water-NY Drinking Water

M  
EPA 600  
EPA Point Count  
NY Stratified Point Count  
PLM NOB (Gravimetric)  
Other: \_\_\_\_\_

TEM BULK  
☐ Drop Mount (Qualitative)  
☐ Chatfield  
☐ Chatfield with SEM QC  
☐ Conventional (Quantitative)  
☐ EMSL Method  
☐ TEM NOB (Gravimetric)  
☐ TEM NOB (Gravimetric)  
with SEM QC

TEM MICROVAC/WIPE  
☐ ASTM D 5755-95

XRD  
☐ Asbestos  
☐ Silica

Qualitative  
Quantitative

OTHER

☐

SAMPLE NUMBER	LOCATION	VOLUME (If Applicable)
201	outside window cante	
2 W	Basement - Boiler Room plastic white	
Sample # (s)	001 - 051	Total Samples: 51
Wished:	Chris Notari	Date: 7/26/07 Time: _____
ed:		Date: _____ Time: _____



EMSL Analytical, Inc.

## CHAIN OF CUSTODY

Asbestos

SAMPLE NUMBER	LOCATION	VOLUME (If Applicable)
003 B	Basement - Boyles Run. plaster - Blue	
004	Basement - mastic of FG	
005 W	- Rt side ent. plaster - white	
006 B	- Base	
007	Room B-2 2x2 CT	
008	7th fl. corridor	
009	Sheetrock	
010 W	Storage B-4 plaster - white	
011 B	- Base	
012	Graphic Arts - wall board	
013	East Hall 2x4 CT	
014 T	Graphic Arts conference 9x9 FT	
015 M	1	MASTIC
016	linoleum (steps)	
017 W	Elevator Room plaster - white	
018 B	- Base	
019 T	1 <sup>st</sup> Fl. Special Ed Conf. 9x9 FT	white
020 M	1	MASTIC
021	Office wall	composit
022 T	Storage Closet A 9x9 FT	green
023 M	1	MASTIC
024 W	Women Lav plaster - white	
025 B	- Base	
026 T	Storage 24 9x9 FT	Brown
027 M	1	MASTIC
028 T	1	TAN
029	2x7 CT	
030 W	Hall plaster - white	
031 B	Base	
032 W	2 <sup>nd</sup> Fl. Stair landy plaster - white	
033 B	- Base	



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

Fax: (570) 586-6728 Phone: (570) 586-9700  
Project: **SSD ADMIN 7806**

Customer ID: **CLAG50**  
Customer PO: **072507CN**  
Received: **07/27/07 9:40 AM**  
EMSL Order: **040717874**

EMSL Proj:  
Analysis Date: **8/13/2007**  
Report Date: **8/13/2007**

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
001 040717874-0001	OUTSIDE WINDOW CAULK	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
002W 040717874-0002	BASEMENT- BOILER ROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
003B 040717874-0003	BASEMENT- BOILER ROOM	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
004 040717874-0004	BASEMENT- BOILER ROOM	White Non-Fibrous Homogeneous	15% Min. Wool	85% Non-fibrous (other)	None Detected
005W 040717874-0005	BASEMENT-RT SIDE ENT	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
006B 040717874-0006	BASEMENT-RT SIDE ENT	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
007 040717874-0007	BASEMENT- ROOM B-2	Gray Fibrous Homogeneous	50% Cellulose 50% Min. Wool		None Detected
008 040717874-0008	BASEMENT- ROOM B-2	White Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected

Analyst(s)

Dave Poitras (6)  
Kevin Ream (45)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872



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**Clarks Summit, PA 18411**

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 Project: **SSD ADMIN 7806**

Customer ID: **CLAG50**  
 Customer PO: **072507CN**  
 Received: **07/27/07 9:40 AM**  
 EMSL Order: **040/17874**

EMSL Proj:  
 Analysis Date: **8/13/2007**  
 Report Date: **8/13/2007**

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

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
009 040717874-0009	BASEMENT- ROOM B-2	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
010W 040717874-0010	BASEMENT STORAGE B-4	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
011B 040717874-0011	BASEMENT STORAGE B-4	Gray Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
012 040717874-0012	BASEMENT GRAPHIC ARTS	Tan Fibrous Homogeneous	50% Cellulose 50% Min. Wool		None Detected
013 040717874-0013	BASEMENT- EAST HALL	Gray Fibrous Homogeneous	50% Cellulose 50% Min. Wool		None Detected
014T 040717874-0014	BASEMENT GRAPHIC ARTS CONFERENCE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
Sample QC'd by senior PLM analyst					
015M 040717874-0015	BASEMENT GRAPHIC ARTS CONFERENCE	Black Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
016 040717874-0016	BASEMENT GRAPHIC ARTS CONFERENCE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Dave Poitras (6)  
 Kevin Ream (45)

Stephen Siegel, CIH, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

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 Project: **SSD ADMIN 7806**

Customer ID: **CLAG50**  
 Customer PO: **072507CN**  
 Received: **07/27/07 9:40 AM**  
 EMSL Order: **040717874**

EMSL Proj:  
 Analysis Date: **8/13/2007**  
 Report Date: **8/13/2007**

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
017W 040717874-0017	BASEMENT ELEVATOR ROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
018B 040717874-0018	BASEMENT ELEVATOR ROOM	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
019T 040717874-0019	1ST FL SPECIAL ED CONF	Gray Non-Fibrous Homogeneous	2% Synthetic	98% Non-fibrous (other)	None Detected
Sample QCd by senior PLM analyst					
020M 040717874-0020	1ST FL SPECIAL ED CONF	Yellow Non-Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (other)	None Detected
021 040717874-0021	1ST FL SPECIAL ED OFFICE	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
022T 040717874-0022	1ST FL STORAGE CLOSET A	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
Sample QCd by senior PLM analyst					
023M 040717874-0023	1ST FL STORAGE CLOSET A	Yellow Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
024W 040717874-0024	1ST FL WOMEN LAV	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

**Analyst(s)**

Dave Poitras (6)  
 Kevin Ream (45)

Stephen Siegel, CIH, Laboratory Manager  
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Westmont (NVLAP #101048-3), NY FL AP 10872

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Customer ID: **CLAG50**  
 Customer PO: **072507CN**  
 Received: **07/27/07 9:40 AM**  
 EMSL Order: **040717874**

EMSL Proj:  
 Analysis Date: **8/13/2007**  
 Report Date: **8/13/2007**

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

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
025B 040717874-0025	1ST FL WOMEN LAV	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
026T 040717874-0026	1ST FL STORAGE 24	Brown Non-Fibrous Homogeneous	Sample QC'd by senior PLM analyst		95% Non-fibrous (other) 5% Chrysotile
027M 040717874-0027	1ST FL STORAGE 24	Black Non-Fibrous Homogeneous	10% Synthetic	90% Non-fibrous (other)	None Detected
028T 040717874-0028	1ST FL STORAGE 24	Gray Non-Fibrous Homogeneous	Sample QC'd by senior PLM analyst		90% Non-fibrous (other) 10% Chrysotile
029 040717874-0029	1ST FL STORAGE 24	Gray Fibrous Homogeneous	50% Cellulose 50% Min. Wool		None Detected
030W 040717874-0030	1ST FL HALL	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
031B 040717874-0031	1ST FL HALL	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
032W 040717874-0032	2ND FL STAIRLANDING	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Dave Poitras (6)

Kevin Ream (45)

Stephen Siegel, CIH, Laboratory Manager  
 or other approved signatory

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Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

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 Project: **SSD ADMIN 7806**

Customer ID: **CLAG50**  
 Customer PO: **072507CN**  
 Received: **07/27/07 9:40 AM**  
 EMSL Order: **040717874**

EMSL Proj:  
 Analysis Date: **8/13/2007**  
 Report Date: **8/13/2007**

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
033B 040717874-0033	2ND FL STAIRLANDING	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
034W 040717874-0034	2ND FL COMPUTER CLOSET WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
035B 040717874-0035	2ND FL COMPUTER CLOSET WALL	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
036W 040717874-0036	2ND FL COMPUTER	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
037B 040717874-0037	2ND FL COMPUTER	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
038 040717874-0038	2ND FL COMPUTER	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
039 040717874-0039	2ND FL COMPUTER	Gray Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
040 040717874-0040	3RD FL TRANSPORATIO N OFFICE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Dave Poltras (6)  
 Kevin Ream (45)

Stephen Siegel, CIH, Laboratory Manager  
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Westmont (NJLAP #101048-0), NY ELAP 10872

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Project: SSD ADMIN 7806

Customer ID: CLAG50  
Customer PO: 072507CN  
Received: 07/27/07 9:40 AM  
EMSL Order: 040717874

EMSL Proj:  
Analysis Date: 8/13/2007  
Report Date: 8/13/2007

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
041W 040717874-0041	3RD FL ROOM C	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
042B 040717874-0042	3RD FL ROOM C	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
043 040717874-0043	3RD FL MENS ROOM	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
044W 040717874-0044	3RD FL WAITING AREA L	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
045B 040717874-0045	3RD FL WAITING AREA L	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
046 040717874-0046	3RD FL WAITING AREA L	Gray Fibrous Homogeneous	50% Cellulose 50% Min. Wool		None Detected
047 040717874-0047	3RD FL HALLWAY O	Brown Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
048W 040717874-0048	3RD FL FRONT OFFICE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

## Analyst(s)

Dave Poitras (6)  
Kevin Ream (45)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Westmont (NVLAP #101048-9), NY CLAP 10872

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Project: SSD ADMIN 7806

Customer ID: CLAG50  
Customer PO: 072507CN  
Received: 07/27/07 9:40 AM  
EMSL Order: 040717874

EMSL Proj:  
Analysis Date: 8/13/2007  
Report Date: 8/13/2007

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
049B 040717874-0049	3RD FL FRONT OFFICE	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
050W 040717874-0050	PENTHOUSE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
051B 040717874-0051	PENTHOUSE	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected

Revised report- Selected Samples QC'd per client request. New results reported.

**Analyst(s)**

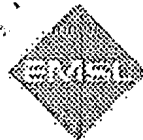
Dave Poitras (6)  
Kevin Ream (45)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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Analysis performed by EMSL Westmont (NVLAP #101048-0). NY ELAP 10872





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Project: ORIGINAL ORDER ID 040717874-SSD ADMIN 7806

Customer ID: CLAG50  
Customer PO: 072507CN  
Received: 08/03/07 8:20 AM  
EMSL Order: 040718722

EMSL Proj:  
Analysis Date: 8/7/2007  
Report Date: 8/7/2007

**Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.6.1**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
026T	1ST FL STORAGE	Brown	83.4	None	11.6% Chrysotile	11.6
0407187220001	24	Non-Fibrous Homogeneous				

Analyst(s)

Steve Siegel (1)

*Stephen Siegel*  
Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

PLMEPANOB-228-1

THIS IS THE LAST PAGE OF THE REPORT.

646 11711



EMSL Analytical, Inc.

## CHAIN OF CUSTODY

Asbestos

EMSL Representative: GADYour Company Name: Chen's Air Group Inc.EMSL-Bill to: Chen'sStreet: 901 Davis St.Street: Chen'sBox #: Box #: City/State: Quakertown, PaCity/State: UpZip: 18901

Phone Results to:

Name: Chris Notari

Fax Results to:

Name: Chris NotariTelephone #: 570 586-9700Fax #: 570 586-6734

Project:

Purchase Order #: 680607CNName/Number: HIGHLAND Addition

## MATRIX

## TURNAROUND

- ☐ Air  
☒ Bulk  
☐ Wipe  
☐ Floor Tile  
☐ Drinking Water  
☐ Wastewater  
☐ Soil  
☐ Dust  
☐ Micro-Vac

- ☐ 6-10 Days  
☒ 72 Hours  
☐ 24 Hours  
☐ Same Day\*  
☐ 5 Days  
☐ 48 Hours  
☐ 12 Hours  
☐ 6 Hours  
 \*S.D. - A.M. Delivery by Fed. Ex. - Results by Mtd. Night or Earlier.

## PCM

- ☐ NIOSH 7400  
☐ OSHA  
☐ Other:

## TEM AIR

- ☐ AHERA  
☐ NIOSH 7402  
☐ EPA Level II

## TEM WATER

- ☐ Wastewater  
☐ Drinking Water EPA 100.1  
☐ Water - NY Wastewater  
☐ Water-NY Drinking Water

## PLM

- ☒ EPA 600  
☐ EPA Point Count  
☐ NY Stratified Point Count  
☐ PLM NOB (Gravimetric)  
☐ Other:

## TEM BULK

- ☐ Drop Mount (Qualitative)  
☐ Chatfield  
☐ Chatfield with SEM QC  
☐ Conventional (Quantitative)  
☐ EMSL Method  
☐ TEM NOB (Gravimetric)  
☐ TEM NOB (Gravimetric) with SEM QC

## TEM MICROVAC / WIPE

- ☐ ASTM D 5755-95

## SEM

- ☐ Qualitative  
☐ Quantitative

## XRD

- ☐ Asbestos  
☐ Silica

## OTHER

☐

SAMPLE NUMBER	LOCATION	VOLUME (If Applicable)
101T	Storage 12812 FT white gray	
102M	make	

Client Sample # (s)

101T

102T

Total Samples: 9

Collected by:

Chris Notari

Date:

8/14/07

Time:

Received by:

DM-Mack

Date:

Time:





EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

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

Fax: (570) 586-6728

Phone: (570) 586-9700

Project: **HIGHLAND**

Customer ID: CLAG50  
 Customer PO: C80607CN  
 Received: 08/08/07 11:15 AM  
 EMSL Order: 040719114

EMSL Proj:  
 Analysis Date: 8/10/2007  
 Report Date: 8/11/2007

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
101T 040719114-0001	STORAGE 12'X12' FT WHITE GRAY	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
102M 040719114-0002	STORAGE 12'X12' FT MASTIC WHITE GRAY	Black/Yellow Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
103T 040719114-0003	STORAGE 9'X9' GREEN FT	Green Fibrous Heterogeneous		88% Non-fibrous (other)	12% Chrysotile
104M 040719114-0004	STORAGE 9'X9' GREEN FT MASTIC	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
105T 040719114-0005	STORAGE 9'X9' WHITE FT	Gray Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile
106M 040719114-0006	STORAGE 9'X8' WHITE FT MASTIC	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
107T 040719114-0007	STORAGE 24 9'X9" BROWN	Brown Fibrous Heterogeneous		92% Non-fibrous (other)	8% Chrysotile
108M 040719114-0008	STORAGE 24 9'X9" BROWN MASTIC	Black Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

Kristy Reeves (9)

*Stephen Siegel*

Stephen Siegel, CIH, Laboratory Manager  
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAP, unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Westmont (NYLAP #181048-0), NY ELAP 10872



EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: Chris Nortari  
Guzek Associates Inc.  
401 Davis Street  
Clarks Summit, PA 18411

Fax: (570) 586-6728 Phone: (570) 586-9700  
Project: HIGHLAND

Customer ID: CLAG50  
Customer PO: 080607CN  
Received: 08/08/07 11:15 AM  
EMSL Order: 040719114  
EMSL Proj:  
Analysis Date: 8/10/2007  
Report Date: 8/11/2007

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
109T 040719114-0009	STORAGE 24 9"X9" TAN	Brown Non-Fibrous Heterogeneous		92% Non-fibrous (other)	8% Chrysotile

Analyst(s)

Kristy Reeves (9)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by EMSL Westmont (NYLAP #101046-0), NY ELAP 10872



# 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: 041701053

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: 01/14/2017 10:20 AM

Analysis Date: 01/17/2017

Collected Date: 01/11/2017

Project: SSD- 16\_751 Admin Building

## 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
01 041701053-0001	Basement - Boiler Room - Mastic on Fiberglass Ends	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02 041701053-0002	Basement - Boiler Room - Mastic on Fiberglass Ends	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03 041701053-0003	Basement - Boiler Room - Mastic on Fiberglass Ends	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04 041701053-0004	3rd Floor - Storage Room - Window Glazing	White Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
05 041701053-0005	1st Floor - Side Door - Door Caulking	Gray/White Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
06 041701053-0006	1st Floor - Front Door - Door Caulking	Gray Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
07 041701053-0007	1st Floor - Front Window - Window Glazing	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Andrew Castellano (7)

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, A HA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from: 01/17/2017 16:08:06



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041701053

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: <input type="checkbox"/> Same <input type="checkbox"/> 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 Admin Building		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: Pennsylvania		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 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.			
<b>PLM - Bulk (reporting limit)</b>		<b>TEM - Bulk</b>	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	
<input type="checkbox"/> PLM EPA NOB (<1%)		<input type="checkbox"/> NY ELAP Method 198.4 (TEM)	
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> Chatfield Protocol (semi-quantitative)	
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2	
<input type="checkbox"/> NIOSH 9002 (<1%)		<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)		<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)		<b>Other</b>	
<input type="checkbox"/> OSHA ID-191 Modified		<input type="checkbox"/>	
<input type="checkbox"/> Standard Addition Method			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: 01/11/17	
Samplers Name: Brent M. Tripp		Samplers Signature: <i>Brent M. Tripp</i>	
Sample #	HA #	Sample Location	Material Description
01		Basement - Boiler Room	Mastic on Fiberglass Ends
02		Basement - Boiler Room	Mastic on Fiberglass Ends
03		Basement - Boiler Room	Mastic on Fiberglass Ends
04		3rd Floor - Storage Room	Window Glazing
05		1st Floor - Side Door	Door Caulking
06		1st Floor - Front Door	Door Caulking
07		1st Floor - Front Window	Window Glazing
Client Sample # (s): 01, 02, 03, 04, 05, 06, and 07		Total # of Samples: Seven	
Relinquished (Client): <i>Brent M. Tripp</i>		Date: 01/12/17	Time: 9:00 AM
Received (Lab): <i>Chris Notari</i>		Date: 1/14/17	Time: 1020 <i>End Test</i>
Comments/Special Instructions:			