



# ASBESTOS ABATEMENT & AIR MONITORING REPORT

**Community High School**  
401 North Division Street  
Ann Arbor, Michigan 48104

Prepared For:

**Ann Arbor Public Schools**  
2555 South State Street  
Ann Arbor, Michigan 48104

Abatement Contractor:

Environmental Maintenance Engineers  
25851 Trowbridge Street  
Inkster, Michigan 48141

Prepared By:

**Arch Environmental Group, Inc.**  
37720 Interchange Drive  
Farmington Hills, Michigan 48335

Project #: AE220516  
Project Date(s): June 16 - August 1, 2022  
Report Date: August 19, 2022

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## 1.0 / Project Summary

Arch Environmental Group, Inc. (AEG) conducted project coordination and air monitoring activities for an asbestos abatement project at Community High School for Ann Arbor Public Schools. The project, which was conducted on June 16 - August 1, 2022, consisted of the removal and disposal of approximately 12,000 square feet of asbestos ceiling plaster from throughout the building. The asbestos-containing materials were removed prior to renovation activities which likely would have impacted the materials.

The project was completed by Environmental Maintenance Engineers, a State of Michigan licensed asbestos abatement contractor from Inkster, Michigan. Environmental Maintenance Engineers' competent person and workers were accredited through the State of Michigan's Department of Licensing and Regulatory Affairs and had appropriate training and medical surveillances. All aspects of AEG's written project design (as detailed later in this report) were met for the project. All asbestos ceiling plaster was removed using Class II procedures and wet methods inside of a full negative pressure enclosure.

AEG conducted air sampling and personal exposure monitoring during abatement activities. The collected air samples were analyzed on-site utilizing Phase Contrast Microscopy (PCM) in accordance with NIOSH 7400 Methodologies. Following a thorough visual inspection of the project areas, Transmission Electron Microscopy (TEM) clearance sampling was conducted in the project areas, in accordance with the AHERA regulation. The final clearance air samples were analyzed below the applicable AHERA clearance levels.

The following sections of this report include:

- *Appendix A – Project Design Documentation:* A summary of pertinent information relating to the project design, including, but not necessarily limited to, project area set-up, removal techniques, clearance air sampling requirements, and project designer accreditation information. This information is prepared and provided by AEG.
- *Appendix B – Daily Project Reports:* Complete daily project checklists and air monitoring reports for the project. This information is prepared and provided by AEG.
- *Appendix C – Contractor Documentation:* This section of the report includes all of the necessary documentation for Environmental Maintenance Engineers, including, but not necessarily limited to, the project notification, State of Michigan contractor license, individual worker documentation, waste disposal manifests, and other miscellaneous contractor information. This information is prepared and provided by Environmental Maintenance Engineers.

A copy of an AHERA Record Keeping form, detailing all of the pertinent project information, has been inserted into the AHERA Management Plan.

Any questions related to this asbestos abatement project or report should be directed to AEG at (248) 426-0165.

## **APPENDIX A**

### Project Design Information



## AHERA Asbestos Abatement Project Design Information

This summary provides information for use by Environmental Maintenance Engineers to complete the removal and disposal of asbestos ceiling plaster from throughout the building at Community High School for Ann Arbor Public Schools.

### Material Locations and Quantities

Environmental Maintenance Engineers will remove and dispose of approximately 12,000 square feet of asbestos ceiling plaster from throughout the building. The materials will be removed prior to renovation activities in these spaces which likely would have impacted the materials.

### Contractor and Personnel Requirements

Environmental Maintenance Engineers is licensed by the State of Michigan as an asbestos abatement contractor. Environmental Maintenance Engineers must have a trained and accredited Asbestos Contractor/Supervisor on-site at all times and all workers must be trained and accredited as Asbestos Workers.

### Scope-of-Work - Abatement Requirements

Environmental Maintenance Engineers will perform the following activities associated with the removal and disposal of asbestos materials, as described above:

1. The regulated areas will be emptied of all furniture, furnishings and moveable objects prior to the start of the project. This activity will be completed by the Owner. The Contractor will not be responsible for any materials below fixed cabinets, shelving units, counters, etc. left in place prior to the start of the project, unless otherwise noted.

#### 2.1. Class I Full Negative Pressure Enclosure Abatement Procedures:

All abatement activities for Class I asbestos materials inside of a full negative pressure enclosure will be completed in accordance with the following procedures (regulated area set-up and removal techniques):

##### Set-up of Regulated Area:

- All Class I work shall be supervised by a competent person (accredited asbestos supervisor).
- Critical barriers shall be placed over all openings to the regulated area, including all doors, windows, vents and HVAC system openings. Critical barriers shall be placed over all doors leading to non-project areas, such as, but not limited to, adjacent rooms, storage areas, closets and bathrooms.
- A minimum of one (1) layer of six-mil polyethylene sheeting will be placed over all wall surfaces below the ceilings (up to 10') and all counter tops, sink cabinets, etc. in each of the project areas.
- For all project areas where asbestos flooring is not scheduled for removal, a minimum of two (2) layers of six-mil polyethylene sheeting will be placed over all floor surfaces in each of the project areas.
- Air filtration devices shall be placed inside of the regulated area and exhausted outside of the building. A minimum of one (1) air filtration device will be placed in each functional space in excess of 400 square feet to provide a sufficient air exchange and appropriate air flow through the regulated area.
- Flapped critical barriers will be used to allow for access into the regulated area. Project areas with more than one doorway will have only one access location.
- The set-up of a full, three chamber decontamination unit, complete with an operable shower chamber, will be set-up at the entrance to the regulated area. The Contractor will be responsible for providing water from an access point in the building to the shower via hoses.
- Asbestos warning signs will be placed on the outside of the critical barriers prior to the commencement of abatement activities.

##### Removal Procedures

- The Contractor will be responsible for providing water from an access point in the building to the mini-enclosure via hoses. The Contractor will be allowed to use alternate water distribution techniques (such as "piss-pumps" or buckets) if the only water sources are in excess of 200' from an access point for the enclosure.
- All materials will be placed in lined fiber drums or double bagged for disposal. Fiber drums may be lined, placed in the clean room and filled with sealed bags in lieu of double bagging the waste or using the drums

inside of the enclosure.

- At all locations where the asbestos materials must be cut or partially removed, the Contractor will remove all jagged edges to the best of their ability and seal the exposed edges with bridging encapsulant.
- Vacuums equipped with HEPA filters, disposable dust bags and metal floor tools (no brushes) shall be used to clean the floors.
- Dry sweeping is prohibited.

Personal Protection Equipment and Procedures:

- All employees performing Class I work practices inside of the regulated area established by these procedures will wear respiratory protection (minimum half-face negative pressure respirator).
- All employees performing Class I work practices inside of the regulated area established by these procedures will wear disposable coveralls.
- All workers will be required to properly decontaminate when exiting the regulated area.
- Any worker found in violation of these requirements and procedures will be removed from the project site for the duration of the project.

Final Cleaning Procedures:

- All vertical sections of polyethylene sheeting will be rinsed following completion of gross removal activities.
- All horizontal sections of the polyethylene sheeting will be cleaned using a combination of wet wiping and HEPA vacuuming.
- All flooring surfaces inside of the enclosure will be cleaned using a combination of wet wiping and HEPA vacuuming.
- All surfaces inside of the enclosure will be sprayed with a clear drying lockdown encapsulant following the visual inspection.

General Requirements:

All work conducted by the Contractor will use the following engineering controls and work practices regardless of the levels of exposure:

- A. Vacuum cleaners equipped with HEPA filters to collect all debris and dust.
- B. Wet methods to control employee exposures during all handling of asbestos.
- C. Prompt clean-up and disposal of wastes and debris in leak tight containers.
- D. Local exhaust ventilation equipped with HEPA filters.
- E. Enclosure or isolation of processes producing asbestos dust.
- F. Ventilation of the regulated area to move contaminated air away from the breathing zone of employees and toward a filtration or collection device equipped with a HEPA filter.

Prohibited Work Practices:

The following work practices and engineering controls shall not be used for these projects regardless of the level of exposure:

- A. High-speed abrasive disc saws that are not equipped with point of cut ventilator or enclosures with HEPA filters.
  - B. Compressed air used to remove asbestos unless the compressed air is used in conjunction with an enclosed ventilation system designed to capture the dust cloud created by the compressed air.
  - C. Dry sweeping, dry shoveling or other dry clean-up of asbestos waste and debris.
  - D. Employee rotation as a means of reducing employee exposure to asbestos.
3. All asbestos-containing materials must be removed using wet methods and then bagged and sealed immediately. Bags will be randomly checked as they are transported from the enclosure and double bagged. All bags determined to not be adequately wet will be sent back into the enclosure. All bags must be removed from the enclosure prior to the start of the visual inspection.
4. All surfaces inside the enclosure will be fully washed with a combination of wire brushing, rinsing, wet-wiping and HEPA vacuuming during the final cleaning portion of the project. During final cleaning activities, the ceiling will be rinsed and then encapsulated during the lock down portion of the project.

5. At the conclusion of the final cleaning activities in the enclosure, a visual inspection will be completed in accordance with the listed "Visual Inspection Procedures" (Item #3, "General Requirements and Information").

#### **Scope-of-Work - General Requirements and Information**

The Contractor will remove and dispose of the asbestos-containing materials in accordance with the following additional general requirements:

1. The Contractor will be responsible for providing a manometer to provide a reading of the negative pressure in all negative pressure enclosures and will also be responsible for providing smoke testing of the negative pressure enclosures and glovebags, as required by OSHA. Abatement will not begin inside of a negative pressure enclosure unless a manometer is installed and indicates the proper negative pressure. All air filtration devices must be ducted outside the building. The Contractor will be responsible for properly securing the exhaust tubes in the exterior windows and/or doorways to prevent unauthorized access to the building during after work hours. All of the exterior window frames are scheduled to be remain and the Contractor will not be allowed to screw/nail into the frames. Any and all damage to the windows/frames is the responsibility of the Contractor.
2. The Contractor is strongly encouraged to document all existing conditions prior to the start of the project in order to support pre-project damage. In all situations where damages are listed on work lists or punch lists by the Owner or Construction Manager, the Contractor will be provided two weeks (fourteen - 14 - calendar days) to complete corrective measures. After the fourteen day period, the Owner, Construction Manager or Arch Environmental Group, Inc. (AEG) will complete the corrective measures at the Contractor's expense. The Contractor will be required to dedicate two laborers for general clean-up activities throughout the building (as directed by the Owner or AEG) for two days for each individual project to address "punch list" type items such as pieces of tape/poly or tape/glue residue. The dates will be coordinated at the completion of all abatement activities.
3. Visual Inspection Procedures:  
At the conclusion of final cleaning activities for each individual regulated area, a visual inspection will be completed in accordance with the following procedures:
  - Prior to each visual inspection in a negative pressure enclosure, the Contractor will replace the pre-filters on all of the air filtration devices with new clean filters. AEG's Project Technician and the Contractor's competent person will conduct a thorough visual inspection of the project area to ensure that all materials have been completely removed and all surfaces have been properly cleaned. The visual inspection will not be conducted until all areas have been final cleaned and all non-essential equipment and supplies have been removed from the enclosure.
  - Prior to each visual inspection in a negative pressure enclosure, the Contractor will remove all excess equipment, including all ladders, scaffolds, hoses, bags, tools, etc. from the enclosure. The Contractor will also clean the exterior of all air filtration devices. Minimal ladders and scaffolds will be left in the enclosure to allow for the visual inspection.
  - AEG's on-site Project Technician and the Contractor's competent person will conduct a thorough visual inspection of each regulated area to ensure that all materials have been completely removed and all surfaces have been properly cleaned.
  - The Contractor will not be allowed to conduct the lock down activities until after completion of the visual inspection. All polyethylene sheeting/barriers must be re-checked prior to lock down to minimize the potential of leaks behind the barriers. The Contractor will only be allowed to use a clear drying encapsulant for lock down

**Air Monitoring Requirements**

AEG will provide air monitoring services for the duration of the project. The collected Baseline baseline, set-up, personal exposure, and area air samples (as applicable) will be analyzed on-site by AEG utilizing Phase Contrast Microscopy (PCM) in accordance with NIOSH 7400 Methodologies.

Each of the regulated areas established for the removal of the materials described in the "Abatement Activities" will be cleared using Transmission Electron Microscopy (TEM). Pursuant to the requirements of AHERA, thirteen (13) TEM samples will be collected from the enclosure - five inside the enclosure, five outside the enclosure and three sample blanks. All five inside samples must be analyzed below an average of  $70.0 \text{ AS}/\text{mm}^2$  to allow for tear down of the enclosure. All TEM air samples will be collected in accordance with the AHERA regulation and all EPA recommended guidelines.

**Submittal Requirements**

Environmental Maintenance Engineers will provide AEG with a copy of all company and worker documentation and disposal manifests.

**Notification Requirements**

Environmental Maintenance Engineers will be responsible for submitting the required notifications to the Michigan Department of Licensing and Regulatory Affairs (MDLARA) and the Michigan Department of Environmental Quality (MDEQ), as necessary. Environmental Maintenance Engineers will provide AEG with a copy of all submitted notifications.

**Project Designer Information**

Name:	Roosevelt Austin III
Accreditation Number:	A28791
State of Accreditation:	Michigan
Accred. Expiration Date:	January 4, 2023
Training Expiration Date:	July 11, 2023



Signature: \_\_\_\_\_

**APPENDIX B**  
Asbestos Daily Project Reports





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/16/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Tinh Nguyen
<b>Location:</b>	2nd Floor, 1st Floor Kitchen		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Andrew Ptak

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Andrew Ptak      Type: Supervisor  
Accred #: A25587      Training: 6/11/2022  
Exp. Date: 6/16/2023      Fit test: 7/15/2022  
Activity: Supervisor      PWO: 6/21/2022  
Personal #: N/A (No abate. activities)

Name: Gregory Nagle      Type: Supervisor  
Accred #: A47962      Training: 8/15/2021  
Exp. Date: 9/22/2022      Fit test: 7/15/2022  
Activity: Set-up only      PWO: 8/25/2021  
Personal #: N/A (No abate. Activities)

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
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#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/16/2022
<b>Location:</b>	2nd Floor, 1st Floor Kitchen	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/16/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
SS1	Second Floor Main Office	8:30 AM	180	7.935	1428	0.003	14.01
		11:30 AM					
SS1R1	Second Floor Main Office	11:30 AM	180	7.935	1428	0.004	17.20
		2:30 PM					
SS1R2	Second Floor Main Office	2:30 PM	180	7.935	1428	0.004	17.83
		5:30 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/17/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Tinh Nguyen
<b>Location:</b>	2nd Floor, 1st Floor Kitchen		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Andrew Ptak

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Andrew Ptak Type: Supervisor  
Accred #: A25587 Training: 6/11/2022  
Exp. Date: 6/16/2023 Fit test: 7/15/2022  
Activity: Supervisor PWO: 6/21/2022  
Personal #: N/A (No abate. activities)

Name: Gregory Nagle Type: Supervisor  
Accred #: A47962 Training: 8/15/2021  
Exp. Date: 9/22/2022 Fit test: 7/15/2022  
Activity: Set-up only PWO: 8/25/2021  
Personal #: N/A (No abate. Activities)

Name: Type:  
Accred #: Training:  
Exp. Date: Fit test:  
Activity: PWO:  
Personal #:

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Type:  
Accred #: Training:  
Exp. Date: Fit test:  
Activity: PWO:  
Personal #:

Name: Type:  
Accred #: Training:  
Exp. Date: Fit test:  
Activity: PWO:  
Personal #:

Name: Type:  
Accred #: Training:  
Exp. Date: Fit test:  
Activity: PWO:  
Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
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#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/17/2022
<b>Location:</b>	2nd Floor, 1st Floor Kitchen	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/17/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
SS1	Second Floor Main Office	7:15 AM	255	7.935	2023	0.001	6.37
		11:30 AM					
SS1R1	Second Floor Main Office	11:30 AM	180	7.935	1428	0.002	8.28
		2:30 PM					
SS1R2	Second Floor Main Office	2:30 PM	180	7.935	1428	0.003	12.74
		5:30 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/18/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor, 1st Floor Kitchen		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Andrew Ptak

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Andrew Ptak      Type: Supervisor  
Accred #: A25587      Training: 6/11/2022  
Exp. Date: 6/16/2023      Fit test: 7/15/2022  
Activity: Supervisor      PWO: 6/21/2022  
Personal #: N/A (No abate. activities)

Name: Anthony Barbour      Type: Supervisor  
Accred #: A55397      Training: 9/17/2021  
Exp. Date: 9/30/2022      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 6/15/2022  
Personal #: PS1

Name: Erik Richardson      Type: Supervisor  
Accred #: A52387      Training: 5/13/2022  
Exp. Date: 6/5/2023      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 12/3/2021  
Personal #: PS1

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	15	Theater

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/18/2022
<b>Location:</b>	2nd Floor, 1st Floor Kitchen	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/18/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second Floor hallway outside Main Office	8:30 AM	240	7.935	1904	0.001	5.10
		10:30 AM					
AS1R1	Second Floor hallway outside Main Office	10:30 AM	180	7.935	1428	0.002	7.64
		1:30 PM					
AS1R2	Second Floor hallway outside Main Office	1:30 PM	180	7.935	1428	0.002	7.01
		4:30 PM					
PA1	Inside Theatre room, center	12:30 PM	135	14.56	1966	0.002	10.83
		2:45 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/18/2022
<b>Location:</b>	2nd Floor, 1st Floor Kitchen	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/18/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Erik Richardson	9:00 AM	210	2.0	420	0.026	*
		12:30 PM				0.011	
Activity:	Drilling holes into plaster ceiling in theater						
PS1	Erik Richardson	9:00 AM	60	2.0	120	0.040	14.01
		10:00 AM					
PS1R1	Erik Richardson	10:00 AM	30	2.0	60	0.045	6.37
		10:30 AM					
PS1R2	Erik Richardson	10:30 AM	120	2.0	240	0.015	10.83
		12:30 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/20/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Southeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

Abatement Information		Regulated Area Information		Air Sample Information	
OSHA Work Class	II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	No	Calibrated pumps:	Yes
<b>Contractor Activities</b>		Corrections made:	no	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	No	Corrections made:	No	Above/Below STEL:	below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	No
Waste bags checked:	Yes	Smoke testing conducted:	Yes	Passed:	N/A
Conducted by: <x>		Conducted by: <x>		Aggressive:	N/A
# of Waste Bags: <#>		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	No
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by:		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	<b>Personal Samples Collected On:</b>	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s):	Bradley Altherr, Cruz Torres
		Type:	HFNPR	A worker/workers who is/are representative of all workers	
<b>Abatement Method(s)</b>		PPE - Disposable coveralls (Consultant):	Yes	within the work area (all workers are conducting similar	
Full Enclosure		PPE - Respirators (Consultant):	Yes	activities)	
		Type:	HFNPR		
Criticals set-up:	Yes	Did Consultant enter enclosure:	No		
Shower set-up:	Yes	Time (A.M.): <###:## a.m. - ##:## a.m.>		<b>Required Postings</b>	
AFDs used:	Yes	Time (P.M.): <###:## p.m. - ##:## p.m.>		Notification:	Yes
				Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	Yes





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/20/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Southeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. activities)

Name: Andrew Ptak      Type: Supervisor  
 Accred #: A25587      Training: 6/11/2022  
 Exp. Date: 6/16/2023      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 6/21/2022  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Removal of ceilings      PWO: 5/16/2022  
 Personal #: PS1

Name: Jhonsell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date: 11/22/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Southeast Block

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?  
No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/20/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/20/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	Second Floor Outside main office/decon shower	7:30 AM	240	7.985	1916	0.003	19.11
		11:30 AM					
AS1R1	Second Floor Outside main office/decon shower	11:30 AM	180	7.985	1437	0.006	24.20
		2:30 PM					
AS1R2	Second Floor Outside main office/decon shower	2:30 PM	165	7.985	1318	0.004	16.56
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



# ASBESTOS DAILY PROJECT REPORTS OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/20/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/20/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Bradley Altherr	9:30 AM	465	2.0	930	0.037	*
		5:15 PM				0.036	
Activity:	Removal of ceiling plaster						
PS1	Bradley Altherr	9:30 AM	90	2.0	180	0.043	22.93
		11:00 AM					
PS1R1	Bradley Altherr	11:00 AM	30	2.0	60	0.104	19.11
		11:30 AM					
PS1R2	Bradley Altherr	11:30 AM	180	2.0	360	0.031	31.85
		2:30 PM					
PS1R3	Bradley Altherr	2:30 PM	165	2.0	330	0.028	26.75
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Cruz Torres	9:30 AM	465	2.0	930	0.032	*
		5:15 PM				0.031	
Activity:	Removal of ceiling plaster						
PS2	Cruz Torres	9:30 AM	90	2.0	180	0.054	28.03
		11:00 AM					
PS2R1	Cruz Torres	11:00 AM	30	2.0	60	0.072	14.01
		11:30 AM					
PS2R2	Cruz Torres	11:30 AM	180	2.0	360	0.019	21.02
		2:30 PM					
PS2R3	Cruz Torres	2:30 PM	165	2.0	330	0.026	24.84
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/21/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Southeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. activities)

Name: Andrew Ptak      Type: Supervisor  
 Accred #: A25587      Training: 6/11/2022  
 Exp. Date: 6/16/2023      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 6/21/2022  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Removal of ceilings      PWO: 5/16/2022  
 Personal #: PS1

Name: Jhonsell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date: 11/22/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Southeast Block

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/21/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/21/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	Second Floor Outside main office/decon shower	7:30 AM	240	7.985	1916	0.002	14.01
		11:30 AM					
AS1R1	Second Floor Outside main office/decon shower	11:30 AM	180	7.985	1437	0.004	19.11
		2:30 PM					
AS1R2	Second Floor Outside main office/decon shower	2:30 PM	165	7.985	1318	0.003	12.10
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



# ASBESTOS DAILY PROJECT REPORTS OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/21/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/21/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Bradley Altherr	7:30 AM	585	2.0	1170	0.031	*
		5:15 PM				0.038	
Activity:	Removal of ceiling plaster						
PS1	Bradley Altherr	7:30 AM	180	2.0	360	0.031	31.85
		10:30 AM					
PS1R1	Bradley Altherr	10:30 AM	180	2.0	360	0.036	36.94
		1:30 PM					
PS1R2	Bradley Altherr	1:30 PM	30	2.0	60	0.096	17.83
		2:00 PM					
PS1R3	Bradley Altherr	2:00 PM	195	2.0	390	0.017	19.75
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Cruz Torres	7:30 AM	585	2.0	1170	0.026	*
		5:15 PM				0.032	
Activity:	Removal of ceiling plaster						
PS2	Cruz Torres	7:30 AM	180	2.0	360	0.028	29.30
		10:30 AM					
PS2R1	Cruz Torres	10:30 AM	180	2.0	360	0.013	14.65
		1:30 PM					
PS2R2	Cruz Torres	1:30 PM	30	2.0	60	0.141	24.84
		2:00 PM					
PS2R3	Cruz Torres	2:00 PM	195	2.0	390	0.020	22.93
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/22/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Southeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: N/A (No abate. activities)

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:    
 Exp. Date: 11/22/2022      Fit test:    
 Activity: Bag-out      PWO:    
 Personal #: N/A (No abate. activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:    
 Exp. Date: 11/30/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:    
 Exp. Date: 11/12/2022      Fit test:    
 Activity: Equipment & supplies      PWO:    
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Removal of ceilings      PWO: 5/16/2022  
 Personal #: PS1

Name: Jhonsell Vargas      Type: Worker  
 Accred #: A58114      Training:    
 Exp. Date: 10/28/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:    
 Exp. Date: 9/30/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:    
 Exp. Date: 6/11/2023      Fit test:    
 Activity: Bag-out      PWO:    
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Southeast Block

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/22/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/22/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	Second Floor Outside main office/decon shower	7:30 AM	240	7.985	1916	0.002	15.29
		11:30 AM					
AS1R1	Second Floor Outside main office/decon shower	11:30 AM	180	7.985	1437	0.002	7.01
		2:30 PM					
AS1R2	Second Floor Outside main office/decon shower	2:30 PM	165	7.985	1318	0.002	3.82
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/22/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/22/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Bradley Altherr	7:30 AM	645	2.0	1290	0.020	*
		5:15 PM				0.027	
		Activity: Removal of ceiling plaster					
PS1	Bradley Altherr	7:30 AM	270	2.0	540	0.022	33.12
		11:00 AM					
PS1R1	Bradley Altherr	11:00 AM	30	2.0	60	0.072	14.01
		11:30 AM					
PS1R2	Bradley Altherr	11:30 AM	165	2.0	330	0.011	12.10
		2:15 PM					
PS1R3	Bradley Altherr	2:15 PM	180	2.0	360	0.019	20.38
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/23/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Southeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. activities)

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Final cleaning      PWO:   
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Final cleaning      PWO:   
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonsell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Final cleaning      PWO:   
 Personal #: PS2

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date: 11/22/2022      Fit test:   
 Activity: Final cleaning      PWO:   
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Southeast Block
Other Class II	600	1st Floor Café/Kitchen

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/23/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/23/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	Second Floor Outside main office/decon shower	7:30 AM	240	7.985	1916	0.002	14.01
		11:30 AM					
AS1R1	Second Floor Outside main office/decon shower	11:30 AM	180	7.985	1437	0.002	7.01
		2:30 PM					
AS1R2	First Floor Outside Café/Kitchen	2:30 PM	165	7.985	1318	0.002	8.28
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/23/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/23/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS2 Series	Cruz Torres	7:30 AM	585	2.0	1170	0.030	*
		5:15 PM				0.036	
		Activity: Final Cleaning and removal of ceiling plaster in 1st floor café					
PS2	Cruz Torres	7:30 AM	180	2.0	360	0.012	14.01
		10:30 AM					
PS2R1	Cruz Torres	10:30 AM	180	2.0	360	0.014	15.92
		1:30 PM					
PS2R2	Cruz Torres	1:30 PM	30	2.0	60	0.260	43.31
		2:00 PM					
PS2R3	Cruz Torres	2:00 PM	195	2.0	390	0.025	28.66
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/24/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	1st Floor Café/Kitchen		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

[illegible]





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/24/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	1st Floor Café/Kitchen		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. activities)

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Removal of ceilings      PWO: 5/16/2022  
 Personal #: PS1

Name: Jhonsell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date: 11/22/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Southeast Block
Other Class II	600	1st Floor Café/Kitchen

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/24/2022
<b>Location:</b>	1st Floor Café/Kitchen	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/24/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	First Floor outside Kitchen/Café	7:30 AM 11:30 AM	240	7.985	1916	0.002	14.65
AS1R1	First Floor outside Kitchen/Café	11:30 AM 2:30 PM	180	7.985	1437	0.002	5.73
AS1R2	First Floor outside Kitchen/Café	2:30 PM 5:15 PM	165	7.985	1318	0.002	5.10
PA1	Inside Containment	12:20 PM 3:20 PM	180	8.09	1456	0.002	0.00
PA2	Inside Containment	12:20 PM 3:20 PM	180	8.021	1444	0.002	0.00
PA3	Inside Containment	12:20 PM 3:20 PM	180	8.149	1467	0.002	0.00
PA4	Inside Containment	12:20 PM 3:20 PM	180	7.862	1415	0.002	0.00
PA5	Inside Containment	12:20 PM 3:20 PM	180	8.217	1479	0.002	0.00
PA6	Outside Containment	12:00 PM 3:00 PM	180	7.84	1411	0.002	0.00
PA7	Outside Containment	12:00 PM 3:00 PM	180	8.22	1480	0.002	0.00
PA8	Outside Containment	12:00 PM 3:00 PM	180	8.2	1476	0.002	0.00
PA9	Outside Containment	12:00 PM 3:00 PM	180	8.08	1454	0.002	0.00
PA10	Outside Containment	12:00 PM 3:00 PM	180	8.19	1474	0.002	0.00

AHERA PCM Clearance Level = 0.010 f/cc  
AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>  
State of Michigan PCM Clearance Level = 0.050 f/cc

**Project Area Clearance Information**  
Passed



# ASBESTOS DAILY PROJECT REPORTS OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/24/2022
<b>Location:</b>	1st Floor Café/Kitchen	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/24/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Bradley Altherr	7:30 AM	585	2.0	1170	0.025	*
		5:15 PM				0.031	
Activity:	Removal of ceiling plaster						
PS1	Bradley Altherr	7:30 AM	180	2.0	360	0.018	19.75
		10:30 AM					
PS1R1	Bradley Altherr	10:30 AM	180	2.0	360	0.023	24.20
		1:30 PM					
PS1R2	Bradley Altherr	1:30 PM	30	2.0	60	0.112	20.38
		2:00 PM					
PS1R3	Bradley Altherr	2:00 PM	195	2.0	390	0.020	23.57
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Cruz Torres	7:30 AM	585	2.0	1170	0.030	*
		5:15 PM				0.037	
Activity:	Removal of ceiling plaster						
PS2	Cruz Torres	7:30 AM	180	2.0	360	0.028	29.30
		10:30 AM					
PS2R1	Cruz Torres	10:30 AM	180	2.0	360	0.028	28.66
		1:30 PM					
PS2R2	Cruz Torres	1:30 PM	30	2.0	60	0.096	17.83
		2:00 PM					
PS2R3	Cruz Torres	2:00 PM	195	2.0	390	0.024	26.75
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average



## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/25/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Southeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

Abatement Information		Regulated Area Information		Air Sample Information	
<b>OSHA Work Class</b>	II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	No	Calibrated pumps:	Yes
<b>Contractor Activities</b>		Corrections made:	no	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	No	Corrections made:	No	Above/Below STEL:	below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	No
Waste bags checked:	Yes	Smoke testing conducted:	Yes	Passed:	N/A
Conducted by: <x>		Conducted by: <x>		Aggressive:	N/A
# of Waste Bags: <#>		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	No
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by:		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	<b>Personal Samples Collected On:</b>	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s): Cruz Torres	
		Type:	HFNPR	A worker/workers who is/are representative of all workers within the work area (all workers are conducting similar activities)	
<b>Abatement Method(s)</b>		PPE - Disposable coveralls (Consultant):	Yes		
Full Enclosure		PPE - Respirators (Consultant):	Yes		
		Type:	HFNPR		
Criticals set-up:	Yes	Did Consultant enter enclosure:	No	<b>Required Postings</b>	
Shower set-up:	Yes	Time (A.M.): <###:## a.m. - ##:## a.m.>		Notification:	Yes
AFDs used:	Yes	Time (P.M.): <###:## p.m. - ##:## p.m.>		Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	Yes



## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/25/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Southeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type:    
 Accred #: A57748      Training:    
 Exp. Date: 9/7/2022      Fit test:    
 Activity: Final cleaning      PWO:    
 Personal #: PS2

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:    
 Exp. Date: 11/30/2022      Fit test:    
 Activity: Bag-out      PWO:    
 Personal #: N/A (No abate. activities)

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:    
 Exp. Date: 11/12/2022      Fit test:    
 Activity: Final cleaning      PWO:    
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:    
 Exp. Date: 11/22/2022      Fit test:    
 Activity: Final cleaning      PWO:    
 Personal #: PS2

Name: Jhonsell Vargas      Type: Worker  
 Accred #: A58114      Training:    
 Exp. Date: 10/28/2022      Fit test:    
 Activity: Set-up Only      PWO:    
 Personal #: N/A (No abate. activities)

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:    
 Exp. Date: 9/30/2022      Fit test:    
 Activity: Bag-out      PWO:    
 Personal #: N/A (No abate. activities)

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:    
 Exp. Date: 6/11/2023      Fit test:    
 Activity: Final cleaning      PWO:    
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Southeast Block
Other Class II	600	1st Floor Café/Kitchen

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/25/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/25/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	First Floor Outside Café/Kitchen	7:30 AM	180	7.985	1437	0.003	14.01
		10:30 AM					
AS1R1	First Floor Outside Café/Kitchen	10:30 AM	120	7.985	958	0.003	7.01
		12:30 PM					
AS1R2	First Floor Outside Café/Kitchen	12:30 PM	165	7.985	1318	0.002	10.19
		3:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/25/2022
<b>Location:</b>	2nd Floor Southeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/25/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS2 Series	Cruz Torres	7:30 AM	405	2.0	810	0.026	*
		2:15 PM				0.022	
Activity:	Final Cleaning and removal of ceiling plaster in 1st floor café						
PS2	Cruz Torres	7:30 AM	120	2.0	240	0.025	18.47
		9:30 AM					
PS2R1	Cruz Torres	9:30 AM	30	2.0	60	0.072	14.01
		10:00 AM					
PS2R2	Cruz Torres	10:00 AM	120	2.0	240	0.034	24.20
		12:00 PM					
PS2R3	Cruz Torres	12:00 PM	135	2.0	270	0.010	7.01
		2:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/27/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	1st Floor Café/Kitchen, 2nd Floor Northeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. activities)

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:    
 Exp. Date: 11/30/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:    
 Exp. Date: 11/12/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:    
 Exp. Date: 9/7/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:    
 Exp. Date: 9/30/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:    
 Exp. Date: 6/11/2023      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:    
 Exp. Date: 11/22/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Northeast Block
Other Class II	600	1st Floor Café/Kitchen

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/27/2022
<b>Location:</b>	1st Floor Café/Kitchen, 2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/27/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	Second floor outside main office	7:30 AM 11:00 AM	210	7.985	1677	0.003	14.65
AS1R1	Second floor outside main office	11:00 AM 2:00 PM	180	7.985	1437	0.002	2.55
AS1R2	Second floor outside main office	2:00 PM 5:15 PM	195	7.985	1557	0.003	14.65
PA1	Inside Containment	8:40 AM 12:20 PM	220	8.09	1780	0.002	0.00
PA2	Inside Containment	8:40 AM 12:20 PM	220	8.021	1765	0.002	0.00
PA3	Inside Containment	8:40 AM 12:20 PM	220	8.149	1793	0.002	0.00
PA4	Inside Containment	8:40 AM 12:20 PM	220	7.862	1730	0.002	0.00
PA5	Inside Containment	8:40 AM 12:20 PM	220	8.217	1808	0.001	0.00
PA6	Outside Containment	8:30 AM 12:10 PM	220	7.84	1725	0.002	0.00
PA7	Outside Containment	8:30 AM 12:10 PM	220	8.22	1808	0.001	0.00
PA8	Outside Containment	8:30 AM 12:10 PM	220	8.2	1804	0.001	0.00
PA9	Outside Containment	8:30 AM 12:10 PM	220	8.08	1778	0.002	0.00
PA10	Outside Containment	8:30 AM 12:10 PM	220	8.19	1802	0.001	0.00

AHERA PCM Clearance Level = 0.010 f/cc  
AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>  
State of Michigan PCM Clearance Level = 0.050 f/cc

**Project Area Clearance Information**  
Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/27/2022
<b>Location:</b>	1st Floor Café/Kitchen, 2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/27/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
-----------	-----------------	-----------	------------------	-----------------	------------	----------------------	------------------------------

PS1 Series	Ines Castro	1:15 PM	240	2.0	480	0.017	*
		5:15 PM				0.008	
Activity:	Removal of ceiling						
PS1	Ines Castro	1:15 PM	30	2.0	60	0.045	0.00
		1:45 PM					
PS1R1	Ines Castro	1:45 PM	90	2.0	180	0.015	0.00
		3:15 PM					
PS1R2	Ines Castro	3:15 PM	120	2.0	240	0.011	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Cruz Torres	1:15 PM	240	2.0	480	0.017	*
		5:15 PM				0.008	
Activity:	removal of ceilings						
PS2	Cruz Torres	1:15 PM	30	2.0	60	0.045	0.00
		1:45 PM					
PS2R1	Cruz Torres	1:45 PM	90	2.0	180	0.015	0.00
		3:15 PM					
PS2R2	Cruz Torres	3:15 PM	120	2.0	240	0.011	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/27/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Northeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. activities)

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:    
 Exp. Date: 11/30/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:    
 Exp. Date: 11/12/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:    
 Exp. Date: 9/7/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:    
 Exp. Date: 9/30/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:    
 Exp. Date: 6/11/2023      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:    
 Exp. Date: 11/22/2022      Fit test:    
 Activity: Removal of ceilings      PWO:    
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Northeast Block
Other Class II	600	1st Floor Café/Kitchen

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?  
No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/27/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/27/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	0.64
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
AS1	Second floor outside northeast block	7:30 AM	180	7.985	1437	0.005	19.75
		10:30 AM					
AS1R1	Second floor outside northeast block	10:30 AM	210	7.985	1677	0.002	5.10
		2:00 PM					
AS1R2	Second floor outside northeast block	2:00 PM	195	7.985	1557	0.002	7.64
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



# ASBESTOS DAILY PROJECT REPORTS OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/27/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/27/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS1R2	Ines Castro	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Cruz Torres	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	removal of ceilings						
PS2	Cruz Torres	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS2R1	Cruz Torres	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS2R2	Cruz Torres	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS2R3	Cruz Torres	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 6/29/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Northeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Reyna V. Ramirez G.      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date: 11/22/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	2nd Floor Northeast Block
Other Class II	600	1st Floor Café/Kitchen

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/29/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/29/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	0.64
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
AS1	Second floor outside northeast block	7:30 AM	180	7.985	1437	0.005	19.75
		10:30 AM					
AS1R1	Second floor outside northeast block	10:30 AM	210	7.985	1677	0.002	5.10
		2:00 PM					
AS1R2	Second floor outside northeast block	2:00 PM	195	7.985	1557	0.002	7.64
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



# ASBESTOS DAILY PROJECT REPORTS OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/29/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/29/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS1R2	Ines Castro	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Cruz Torres	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	removal of ceilings						
PS2	Cruz Torres	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS2R1	Cruz Torres	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS2R2	Cruz Torres	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS2R3	Cruz Torres	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	6/30/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Thinh Nguyen	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	2nd Floor Northeast Block	<b>Competent Person:</b>	Chad Grossa		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera Type: Worker  
 Accred #: A58105 Training:   
 Exp. Date: 10/27/2022 Fit test:   
 Activity: Removal of Ceilings PWO:   
 Personal #: PS1

Name: Chad Grossa Type: Supervisor  
 Accred #: A33063 Training: 9/17/2021  
 Exp. Date: 11/2/2022 Fit test: 7/15/2022  
 Activity: Set-up Only PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro Type: Worker  
 Accred #: A58233 Training:   
 Exp. Date: 11/30/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Cruz Torres Type: Worker  
 Accred #: A58158 Training:   
 Exp. Date: 11/12/2022 Fit test:   
 Activity: Set-up Only PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard Type: Supervisor  
 Accred #: A42060 Training: 9/17/2021  
 Exp. Date: 9/30/2022 Fit test: 7/15/2022  
 Activity: Set-up Only PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr Type: Supervisor  
 Accred #: A45730 Training: 5/13/2022  
 Exp. Date: 6/4/2023 Fit test: 7/15/2022  
 Activity: Set-up Only PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas Type: Worker  
 Accred #: A58114 Training:   
 Exp. Date: 10/28/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera Type: Worker  
 Accred #: A46719 Training:   
 Exp. Date: 9/30/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez Type: Worker  
 Accred #: A54503 Training:   
 Exp. Date: 6/11/2023 Fit test:   
 Activity: Equipment & supplies PWO:   
 Personal #: N/A (No abate. activities)

Name: Nathaniel Hill Type: Supervisor  
 Accred #: A30676 Training: 11/28/2021  
 Exp. Date: 3/11/2023 Fit test: 7/15/2022  
 Activity: Set-up only PWO: 8/19/2021  
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	600	Room 208
Other Class II	1200	Second floor Northeast Block

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/30/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/30/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	0.64
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
AS1	Second floor outside northeast block	7:30 AM 10:30 AM	180	7.985	1437	0.002	5.73
AS1R1	Second floor outside northeast block	10:30 AM 2:00 PM	210	7.985	1677	0.002	10.19
AS1R2	Second floor outside northeast block	2:00 PM 5:15 PM	195	7.985	1557	0.002	3.82
PA1	Inside Containment	1:40 PM 5:00 PM	200	8.09	1618	0.002	0.00
PA2	Inside Containment	1:40 PM 5:00 PM	200	8.021	1604	0.002	0.00
PA3	Inside Containment	1:40 PM 5:00 PM	200	8.149	1630	0.002	0.00
PA4	Inside Containment	1:40 PM 5:00 PM	200	7.862	1572	0.002	0.00
PA5	Inside Containment	1:40 PM 5:00 PM	200	8.217	1643	0.002	0.00
PA6	Outside Containment	1:40 PM 5:00 PM	200	7.84	1568	0.002	0.00
PA7	Outside Containment	1:40 PM 5:00 PM	200	8.22	1644	0.002	0.00
PA8	Outside Containment	1:40 PM 5:00 PM	200	8.2	1640	0.002	0.00
PA9	Outside Containment	1:40 PM 5:00 PM	200	8.08	1616	0.002	0.00
PA10	Outside Containment	1:40 PM 5:00 PM	200	8.19	1638	0.002	0.00

AHERA PCM Clearance Level = 0.010 f/cc  
AHERA TEM Clearance Level = 70 AS/mm2  
State of Michigan PCM Clearance Level = 0.050 f/cc

**Project Area Clearance Information**  
Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	6/30/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	6/30/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
-----------	-----------------	-----------	---------------------	--------------------	---------------	-------------------------	---------------------------------

PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS1R2	Ines Castro	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average



## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/1/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Northeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

Abatement Information		Regulated Area Information		Air Sample Information	
<b>OSHA Work Class</b>	II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	No	Calibrated pumps:	Yes
<b>Contractor Activities</b>		Corrections made:	no	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	No	Corrections made:	No	Above/Below STEL:	below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	No
Waste bags checked:	Yes	Smoke testing conducted:	Yes	Passed:	N/A
Conducted by: <x>		Conducted by: <x>		Aggressive:	N/A
# of Waste Bags: <#>		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	No
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by:		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	<b>Personal Samples Collected On:</b>	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s):	Ines Castro
		Type:	HFNPR	A worker/workers who is/are representative of all workers within the work area (all workers are conducting similar activities)	
<b>Abatement Method(s)</b>		PPE - Disposable coveralls (Consultant):	Yes		
Full Enclosure		PPE - Respirators (Consultant):	Yes		
		Type:	HFNPR		
Criticals set-up:	Yes	Did Consultant enter enclosure:	No	<b>Required Postings</b>	
Shower set-up:	Yes	Time (A.M.): <##:## a.m. - ##:## a.m.>		Notification:	Yes
AFDs used:	Yes	Time (P.M.): <##:## p.m. - ##:## p.m.>		Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	Yes





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/1/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	2nd Floor Northeast Block		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1200	Second floor Northeast Block

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/1/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/1/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	0.64
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
AS1	Second floor outside northeast block	7:30 AM 10:30 AM	180	7.985	1437	0.002	7.01
AS1R1	Second floor outside northeast block	10:30 AM 2:00 PM	210	7.985	1677	0.003	12.74
AS1R2	Second floor outside northeast block	2:00 PM 5:15 PM	195	7.985	1557	0.002	6.37

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/1/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/1/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
-----------	-----------------	-----------	---------------------	--------------------	---------------	-------------------------	---------------------------------

PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS1R2	Ines Castro	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	7/5/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Thinh Nguyen	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	2nd Floor Northeast Block	<b>Competent Person:</b>	Chad Grossa		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera Type: Worker  
 Accred #: A58105 Training:   
 Exp. Date: 10/27/2022 Fit test:   
 Activity: Removal of Ceilings PWO:   
 Personal #: PS1

Name: Chad Grossa Type: Supervisor  
 Accred #: A33063 Training: 9/17/2021  
 Exp. Date: 11/2/2022 Fit test: 7/15/2022  
 Activity: Supervisor PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro Type: Worker  
 Accred #: A58233 Training:   
 Exp. Date: 11/30/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Cruz Torres Type: Worker  
 Accred #: A58158 Training:   
 Exp. Date: 11/12/2022 Fit test:   
 Activity: Set-up Only PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard Type: Supervisor  
 Accred #: A42060 Training: 9/17/2021  
 Exp. Date: 9/30/2022 Fit test: 7/15/2022  
 Activity: Set-up Only PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr Type: Supervisor  
 Accred #: A45730 Training: 5/13/2022  
 Exp. Date: 6/4/2023 Fit test: 7/15/2022  
 Activity: Set-up Only PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas Type: Worker  
 Accred #: A58114 Training:   
 Exp. Date: 10/28/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera Type: Worker  
 Accred #: A46719 Training:   
 Exp. Date: 9/30/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez Type: Worker  
 Accred #: A54503 Training:   
 Exp. Date: 6/11/2023 Fit test:   
 Activity: Equipment & supplies PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran Type: Worker  
 Accred #: A57748 Training:   
 Exp. Date: 9/7/2022 Fit test:   
 Activity: Set-up only PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 215/217
Other Class II	1200	Second floor Northeast Block

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/5/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/5/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside northeast block	7:30 AM 10:30 AM	180	7.985	1437	0.002	7.01
AS1R1	Second floor outside northeast block	10:30 AM 2:00 PM	210	7.985	1677	0.002	10.19
AS1R2	Second floor outside northeast block	2:00 PM 5:15 PM	195	7.985	1557	0.002	11.46

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/5/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/5/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS1R2	Ines Castro	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	7/6/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Thinh Nguyen	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	2nd Floor Northeast Block	<b>Competent Person:</b>	Chad Grossa		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: **Ariel Rivera** Type: **Worker**  
 Accred #: **A58105** Training: **[Redacted]**  
 Exp. Date: **10/27/2022** Fit test: **[Redacted]**  
 Activity: **Removal of Ceilings** PWO: **[Redacted]**  
 Personal #: **PS1**

Name: **Chad Grossa** Type: **Supervisor**  
 Accred #: **A33063** Training: **9/17/2021**  
 Exp. Date: **11/2/2022** Fit test: **7/15/2022**  
 Activity: **Supervisor** PWO: **10/21/2021**  
 Personal #: **N/A (No abate. Activities)**

Name: **Ines Castro** Type: **Worker**  
 Accred #: **A58233** Training: **[Redacted]**  
 Exp. Date: **11/30/2022** Fit test: **[Redacted]**  
 Activity: **Removal of ceilings** PWO: **[Redacted]**  
 Personal #: **PS1**

Name: **Cruz Torres** Type: **Worker**  
 Accred #: **A58158** Training: **[Redacted]**  
 Exp. Date: **11/12/2022** Fit test: **[Redacted]**  
 Activity: **Set-up Only** PWO: **[Redacted]**  
 Personal #: **N/A (No abate. activities)**

Name: **Jason Robinson-Howard** Type: **Supervisor**  
 Accred #: **A42060** Training: **9/17/2021**  
 Exp. Date: **9/30/2022** Fit test: **7/15/2022**  
 Activity: **Set-up Only** PWO: **10/19/2021**  
 Personal #: **N/A (No abate. activities)**

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: **Bradley Altherr** Type: **Supervisor**  
 Accred #: **A45730** Training: **5/13/2022**  
 Exp. Date: **6/4/2023** Fit test: **7/15/2022**  
 Activity: **Set-up Only** PWO: **5/16/2022**  
 Personal #: **N/A (No abate. activities)**

Name: **Jhonssell Vargas** Type: **Worker**  
 Accred #: **A58114** Training: **[Redacted]**  
 Exp. Date: **10/28/2022** Fit test: **[Redacted]**  
 Activity: **Removal of ceilings** PWO: **[Redacted]**  
 Personal #: **PS1**

Name: **Osmin E. Lopez Herrera** Type: **Worker**  
 Accred #: **A46719** Training: **[Redacted]**  
 Exp. Date: **9/30/2022** Fit test: **[Redacted]**  
 Activity: **Removal of ceilings** PWO: **[Redacted]**  
 Personal #: **PS1**

Name: **Omar A Granados Bermudez** Type: **Worker**  
 Accred #: **A54503** Training: **[Redacted]**  
 Exp. Date: **6/11/2023** Fit test: **[Redacted]**  
 Activity: **Equipment & supplies** PWO: **[Redacted]**  
 Personal #: **N/A (No abate. activities)**

Name: **Nohemi Zamoran** Type: **Worker**  
 Accred #: **A57748** Training: **[Redacted]**  
 Exp. Date: **9/7/2022** Fit test: **[Redacted]**  
 Activity: **Set-up only** PWO: **[Redacted]**  
 Personal #: **N/A (No abate. activities)**

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 215/217
Other Class II	1200	Second floor Northeast Block
Other Class II	1800	

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/6/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/6/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>3</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside northeast block	7:30 AM 10:30 AM	180	7.985	1437	0.003	14.01
AS1R1	Second floor outside northeast block	10:30 AM 2:00 PM	210	7.985	1677	0.002	12.10
AS1R2	Second floor outside northeast block	2:00 PM 5:15 PM	195	7.985	1557	0.005	20.38
PA1	Inside Containment	10:50 AM 2:10 PM	200	8.09	1618	0.002	0.00
PA2	Inside Containment	10:50 AM 2:10 PM	200	8.021	1604	0.002	0.00
PA3	Inside Containment	10:50 AM 2:10 PM	200	8.149	1630	0.002	0.00
PA4	Inside Containment	10:50 AM 2:10 PM	200	7.862	1572	0.002	0.00
PA5	Inside Containment	10:50 AM 2:10 PM	200	8.217	1643	0.002	0.00
PA6	Outside Containment	10:30 AM 1:50 PM	200	7.84	1568	0.002	0.00
PA7	Outside Containment	10:30 AM 1:50 PM	200	8.22	1644	0.002	0.00
PA8	Outside Containment	10:30 AM 1:50 PM	200	8.2	1640	0.002	0.00
PA9	Outside Containment	10:30 AM 1:50 PM	200	8.08	1616	0.002	0.00
PA10	Outside Containment	10:30 AM 1:50 PM	200	8.19	1638	0.002	0.00

AHERA PCM Clearance Level = 0.010 f/cc  
AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>  
State of Michigan PCM Clearance Level = 0.050 f/cc

Project Area Clearance Information  
Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/6/2022
<b>Location:</b>	2nd Floor Northeast Block	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/6/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
-----------	-----------------	-----------	---------------------	--------------------	---------------	-------------------------	---------------------------------

PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS1R2	Ines Castro	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	7/7/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Thinh Nguyen	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Throughout Second Floor	<b>Competent Person:</b>	Chad Grossa		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 215/217
Other Class II	1200	Second floor Northeast Block
Other Class II	1800	Room 207

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/7/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/7/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside northeast block	7:30 AM 10:30 AM	180	7.985	1437	0.003	14.01
AS1R1	Second floor outside northeast block	10:30 AM 2:00 PM	210	7.985	1677	0.004	19.75
AS1R2	Second floor outside northeast block	2:00 PM 5:15 PM	195	7.985	1557	0.002	11.46

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/7/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/7/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	180	2.0	360	0.015	*
		10:30 AM				0.006	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	150	2.0	300	0.009	0.00
		10:00 AM					
PS1R1	Ines Castro	10:00 AM	30	2.0	60	0.045	0.00
		10:30 AM					

**OSHA Permissible Exposure Limit** = 0.100 f/cc, 8 hr TWA

**OSHA STEL Limit** = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/8/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 215/217
Other Class II	1800	Room 207

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/8/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/8/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 215/217	7:30 AM	180	7.985	1437	0.002	7.01
		10:30 AM					
AS1R1	Second floor outside Room 215/217	10:30 AM	210	7.985	1677	0.002	3.82
		2:00 PM					
AS1R2	Second floor outside Room 215/217	2:00 PM	195	7.985	1557	0.002	10.19
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/8/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/8/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
		Activity: Removal of ceiling					
PS1	Ines Castro	7:30 AM	150	2.0	300	0.009	0.00
		10:00 AM					
PS1R1	Ines Castro	10:00 AM	30	2.0	60	0.045	0.00
		10:30 AM					
PS1R2	Ines Castro	10:30 AM	210	2.0	420	0.006	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	7/9/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Thinh Nguyen	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Throughout Second Floor	<b>Competent Person:</b>	Chad Grossa		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 215/217
Other Class II	30	First floor café, room 202-208
Other Class II	1800	Room 207

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/9/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/9/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 215/217	7:30 AM 10:30 AM	180	7.985	1437	0.002	4.46
AS1R1	Second floor outside Room 215/217	10:30 AM 12:30 PM	120	7.985	958	0.003	5.10
AS1R2	Second floor outside Room 215/217	12:30 PM 3:30 PM	180	7.985	1437	0.002	5.10
PA1	First floor café	10:00 AM 12:15 PM	135	14.62	1974	0.001	0.00
PA2	Room 208	11:30 PM 1:45 PM	135	14.4	1944	0.001	0.00
PA3	Room 202/204	12:00 PM 2:15 PM	135	15.03	2029	0.001	0.00

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/9/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/9/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	300	2.0	600	0.013	*
		12:30 PM				0.008	
Activity:	Removal of plaster						
PS1	Ines Castro	7:30 AM	150	2.0	300	0.009	0.00
		10:00 AM					
PS1R1	Ines Castro	10:00 AM	30	2.0	60	0.045	0.00
		10:30 AM					
PS1R2	Ines Castro	10:30 AM	120	2.0	240	0.011	0.00
		12:30 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/11/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 215/217
Other Class II	1800	Room 207

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/11/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/11/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 215/217	7:30 AM 10:30 AM	180	7.985	1437	0.002	5.73
AS1R1	Second floor outside Room 215/217	10:30 AM 2:00 PM	210	7.985	1677	0.002	7.01
AS1R2	Second floor outside Room 215/217	2:00 PM 5:15 PM	195	7.985	1557	0.002	3.82
PA1	Inside Containment	8:30 AM 11:45 AM	195	8.09	1578	0.002	0.00
PA2	Inside Containment	8:30 AM 11:45 AM	195	8.021	1564	0.002	0.00
PA3	Inside Containment	8:30 AM 11:45 AM	195	8.149	1589	0.002	0.00
PA4	Inside Containment	8:30 AM 11:45 AM	195	7.862	1533	0.002	0.00
PA5	Inside Containment	8:30 AM 11:45 AM	195	8.217	1602	0.002	0.00
PA6	Outside Containment	8:00 AM 11:15 AM	195	7.85	1531	0.002	0.00
PA7	Outside Containment	8:00 AM 11:15 AM	195	8.22	1603	0.002	0.00
PA8	Outside Containment	8:00 AM 11:15 AM	195	8.2	1599	0.002	0.00
PA9	Outside Containment	8:00 AM 11:15 AM	195	8.08	1576	0.002	0.00
PA10	Outside Containment	8:00 AM 11:15 AM	195	8.19	1597	0.002	0.00

AHERA PCM Clearance Level = 0.010 f/cc  
AHERA TEM Clearance Level = 70 AS/mm2  
State of Michigan PCM Clearance Level = 0.050 f/cc

**Project Area Clearance Information**

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/11/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/11/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	585	2.0	1170	0.009	*
		5:15 PM				0.011	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	180	2.0	360	0.007	0.00
		1:30 PM					
PS1R2	Ines Castro	1:30 PM	30	2.0	60	0.045	0.00
		2:00 PM					
PS1R3	Ines Castro	2:00 PM	195	2.0	390	0.007	0.00
		5:15 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/12/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 207

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/12/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/12/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 207	7:30 AM	180	7.985	1437	0.002	8.28
		10:30 AM					
AS1R1	Second floor outside Room 207	10:30 AM	210	7.985	1677	0.002	11.46
		2:00 PM					
AS1R2	Second floor outside Room 207	2:00 PM	195	7.985	1557	0.002	3.82
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/12/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/12/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	210	2.0	420	0.013	*
		11:00 AM				0.006	
Activity:	Removal of ceiling						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	30	2.0	60	0.045	0.00
		11:00 AM					

**OSHA Permissible Exposure Limit** = 0.100 f/cc, 8 hr TWA

**OSHA STEL Limit** = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/13/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Chad Grossa

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	100	Throughout Second Floor
Other Class II	1800	Room 207

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/13/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/13/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 207	7:30 AM 10:30 AM	180	7.985	1437	0.002	7.01
AS1R1	Second floor outside Room 207	10:30 AM 2:00 PM	210	7.985	1677	0.002	11.46
AS1R2	Second floor outside Room 207	2:00 PM 5:15 PM	195	7.985	1557	0.002	10.19
PA1	Northeast block of classrooms	2:00 PM 4:15 PM	135	14.4	1944	0.001	0.00

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/13/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/13/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	9:30 AM	270	2.0	540	0.015	*
		2:00 PM				0.008	
Activity:	Removal of wall plaster cutouts						
PS1	Ines Castro	9:30 AM	30	2.0	60	0.045	0.00
		10:00 AM					
PS1R1	Ines Castro	10:00 AM	180	2.0	360	0.007	0.00
		1:00 PM					
PS1R2	Ines Castro	1:00 PM	60	2.0	120	0.022	0.00
		2:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average



## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	July 14, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community Highschool	<b>Project Technician:</b>	Kami Karas	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Second Floor ceiling tiles	<b>Competent Person:</b>	Bradley F. Altherr		
<b>Project #:</b>	AE220516				

Abatement Information		Regulated Area Information		Air Sample Information	
<b>OSHA Work Class</b>	I, II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	Yes	Calibrated pumps:	Yes
<b>Contractor Activities</b>		Corrections made:	Yes	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	Yes
Abatement procedures conducted:		Corrections necessary:	Yes	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	Yes	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	Yes	Corrections made:	No	Above/Below STEL:	Below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	Yes
Waste bags checked:	Yes	Smoke testing conducted:	No - Per Contractor	Passed:	Yes
Conducted by: <x>		Conducted by: <x>		Aggressive:	Yes
# of Waste Bags:		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	N/A
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	N/A	Shower operational:	Yes	Aggressive:	N/A
Conducted by: <x>		Dumpster secure at end of day:	Yes		
Lock-down activities:	N/A	PPE - Disposable coveralls (Contractor):	Yes	<b>Personal Samples Collected On:</b>	
Tear-down procedures:	No	PPE - Respirators (Contractor):	Yes	Name(s):	Ines Castro/Reyno Ramirez
		Type:	HFNPR	The worker/workers involved in the highest potential exposure activity	
<b>Abatement Method(s)</b>		PPE - Disposable coveralls (Consultant):	Yes		
Set-up Only		PPE - Respirators (Consultant):	Yes		
Full Enclosure		Type:	HFNPR		
Criticals set-up:	Yes	Did Consultant enter enclosure:	Yes		
Shower set-up:	Yes	Time (A.M.): <##:## a.m. - ##:## a.m.>		Notification:	Yes
AFDs used:	Yes	Time (P.M.): <##:## p.m. - ##:## p.m.>		Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	No

Required Postings	
Notification:	Yes
Supervisor/Competent Person Training:	Yes
OSHA Personal Sampling Posting:	No



## ASBESTOS DAILY PROJECT REPORTS




### Contractor and Materials Information




<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	July 14, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community Highschool	<b>Project Technician:</b>	Kami Karas	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Second Floor ceiling tiles	<b>Competent Person:</b>	Bradley F. Altherr		
<b>Project #:</b>	AE220516				




#### Abatement Personnel Information




##### Workers / Accreditation Numbers

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 10/21/2021  
 Personal #: Not Sampled (Max of 2 PS)

Name: Reyno Ramirez      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date: 11/22/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2




Name: Johnsell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #:




Name: Omar Granados      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #:




Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #:




#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #:

Name: Nohemi Zamora      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #:

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #:

Name: Bradley F. Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 5/20/2023      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II		Second Floor Hallway Ceiling plaster

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?  
No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community Highschool	<b>Sample Collection Date:</b>	July 14, 2022
<b>Location:</b>	Second Floor ceiling tiles	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 14, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	0.00
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
SS1	North Wing of Second Floor	7:45 AM	215	8.436	1814	0.002	8.92
		11:20 AM					
SS2	Middle of Second Floor	7:45 AM	215	7.935	1706	0.004	19.75
		11:20 AM					
AS1	Outside of containment	1:00 PM	155	7.935	1230	0.002	8.28
		3:35 PM					
AS2	Outside of containment	3:35 PM	55	7.935	436	0.006	4.46
		4:30 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community Highschool	<b>Sample Collection Date:</b>	July 14, 2022
<b>Location:</b>	Second Floor ceiling tiles	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 14, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	1:00 PM	180	2.0	360	0.101	*
		4:00 PM				0.038	
Activity:	Ceiling Tile Removal						
PS1	Ceiling Tile Removal	1:00 PM	90	2.0	180	0.097	45.86
		2:30 PM					
PS1R1	Ceiling Tile Removal	2:30 PM	30	2.0	60	0.114	18.47
		3:00 PM					
PS1R2	Ceiling Tile Removal	3:00 PM	60	2.0	120	0.100	31.85
		4:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Reyno Ramirez	2:30 PM	90	2.0	180	0.063	*
		4:00 PM				0.012	
Activity:	Ceiling Tile Removal						
PS2	Ceiling Tile Removal	2:30 PM	90	2.0	180	0.063	29.94
		4:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> July 15, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Kami Karas
<b>Location:</b>	Second Floor Ceiling Tiles		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Bradley F. Altherr

[illegible]





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	July 15, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Kami Karas	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Second Floor Ceiling Tiles	<b>Competent Person:</b>	Bradley F. Altherr		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley F. Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 5/20/2023      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Reyno Ramirez      Type: Worker  
 Accred #: A58200      Training:  
 Exp. Date:      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #: PS1

Name: Johnsell Vargas      Type: Worker  
 Accred #: A58114      Training:  
 Exp. Date: 10/28/2022      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #:

Name: Omar Granados      Type: Worker  
 Accred #: A54503      Training:  
 Exp. Date: 6/11/2023      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #:

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:  
 Exp. Date: 11/12/2022      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #:

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:  
 Exp. Date: 11/30/2022      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #: PS2

Name: Osmin Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:  
 Exp. Date: 9/30/2022      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #:

Name: Nohemi Zamora      Type: Worker  
 Accred #: A57748      Training:  
 Exp. Date:      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #:

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:  
 Exp. Date: 10/27/2022      Fit test:  
 Activity: Removal of ceilings      PWO:  
 Personal #:

Name:      Type: Worker  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II		2nd Floor Hallway Ceiling plaster

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?  
  
No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	July 15, 2022
<b>Location:</b>	Second Floor Ceiling Tiles	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 15, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	0.64
AS1	Outside of containment	7:15 AM	145	7.935	1151	0.003	11.46
		9:40 AM					
AS2	Outside of containment	9:40 AM	80	7.935	635	0.005	10.19
		11:00 AM					
PA1	Towards the North End of Hallway of Second Floor	11:05 AM	144	14.530	2092	0.003	19.75
		1:29 PM					
PA2	Towards the North End of Hallway of Second Floor	11:05 AM	144	14.400	2074	0.003	16.56
		1:29 PM					
PA3	Towards the Middle End of Hallway of Second Floor	11:05 AM	144	15.030	2164	0.002	14.65
		1:29 PM					
PA4	Towards the South End of Hallway of Second Floor	11:06 AM	144	14.200	2045	0.003	16.56
		1:30 PM					
PA5	Towards the South End of Hallway of Second Floor	11:07 AM	144	14.560	2097	0.002	11.46
		1:31 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	July 15, 2022
<b>Location:</b>	Second Floor Ceiling Tiles	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 15, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Reyno Ramirez	7:15 AM	225	2.0	450	0.026	*
		11:00 AM				0.012	
Activity:	Ceiling Tile Bulk Head Removal						
PS1	Ceiling Tile Bulk Head Removal	7:15 AM	140	2.0	280	0.030	23.57
		9:35 AM					
PS1R1	Ceiling Tile Bulk Head Removal	9:35 AM	85	2.0	170	0.018	9.55
		11:00 AM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Ines Castro	7:15 AM	225	2.0	450	0.017	*
		11:00 AM				0.008	
Activity:	Bulk Heads Removal & unistrut installation						
PS2	Bulk Heads Removal & unistrut installation	7:15 AM	140	2.0	280	0.010	5.73
		9:35 AM					
PS2R1	Bulk Heads Removal & unistrut installation	9:35 AM	85	2.0	170	0.028	14.01
		11:00 AM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	July 16, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Kami Karas	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Middle Hallway of Second Floor	<b>Competent Person:</b>	Bradley F. Altherr		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley F. Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 5/20/2023      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Reyno Ramirez      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date:   
 Activity: Set-up Only      PWO:   
 Personal #:

Name: Jonsell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/24/1902      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #:

Name: Omar Granados      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #:

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #:

Name: Osmin Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #:

Name: Nohemi Zamora      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date:   
 Activity: Set-up Only      PWO:   
 Personal #:

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name:   
 Accred #:   
 Exp. Date:   
 Activity:   
 Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
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#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	July 16, 2022
<b>Location:</b>	Middle Hallway of Second Floor	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 16, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
AS1	Outside of containment in middle Hallway of Second Floor	7:40 AM	110	7.935	873	0.003	6.37
		9:30 AM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	July 16, 2022
<b>Location:</b>	Middle Hallway of Second Floor	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 16, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Cruz Torres	7:40 AM	110	2.0	220	0.043	*
		9:30 AM				0.010	
Activity:	Uni strut installation						
PS1	Uni strut installation	7:40 AM	30	2.0	60	0.045	8.92
		8:10 AM					
PS1R1	Uni strut installation	8:10 AM	80	2.0	160	0.043	19.75
		9:30 AM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Ariel Rivera	7:40 AM	110	2.0	220	0.060	*
		9:30 AM				0.014	
Activity:	Uni Strut Instalation						
PS2	Uni Strut Instalation	7:40 AM	110	2.0	220	0.060	36.31
		9:30 AM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> July 18, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Kami Karas
<b>Location:</b>	Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Bradley F. Altherr

Abatement Information		Regulated Area Information		Air Sample Information	
OSHA Work Class	I, II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	Yes	Calibrated pumps:	Yes
Contractor Activities		Corrections made:	Yes	Baseline samples (BL)	No
Set-up procedures conducted:	No	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	Yes	Corrections made:	No	Above/Below STEL:	Below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	Yes
Waste bags checked:	Yes	Smoke testing conducted:	No - Per Contractor	Passed:	Yes
Conducted by: Bradley Altherr		Conducted by: <x>		Aggressive:	Yes
# of Waste Bags: 4 bags, 2 barrels		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	N/A
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by: Kami Karas		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	Personal Samples Collected On:	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s):	Bradley F. Altherr/ Reyna Ramirez
		Type:	HFNPR	A worker/workers who is/are representative of all workers	
Abatement Method(s)		PPE - Disposable coveralls (Consultant):	Yes	within the work area (all workers are conducting similar	
Full Enclosure		PPE - Respirators (Consultant):	Yes	activities)	
		Type:	HFNPR		
Criticals set-up:	Yes	Did Consultant enter enclosure:	Yes	Required Postings	
Shower set-up:	Yes	Time (A.M.):	2:40 PM	Notification:	Yes
AFDs used:	Yes	Time (P.M.):	2:45 PM	Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	No





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	July 18, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Kami Karas	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Second Floor	<b>Competent Person:</b>	Bradley F. Altherr		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley F. Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 5/20/2023      Fit test: 7/15/2022  
 Activity: Removal of ceilings      PWO: 5/16/2022  
 Personal #: Not Sampled (Max of 2 PS)

Name: Christopher D. Treglown      Type: Worker  
 Accred #: A36314      Training: 10/30/2021  
 Exp. Date: 1/29/2023      Fit test: 7/15/2022  
 Activity: Removal of ceilings      PWO: 1/12/2022  
 Personal #: Not Sampled (Max of 2 PS)

Name: Reyna Ramirez      Type: Worker  
 Accred #: A58200      Training:   
 Exp. Date: 11/22/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar Granados      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 1/14/2023      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS2

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II		Middle Hallway Plaster Ceiling

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	July 18, 2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Kami Karas	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Second Floor	<b>Competent Person:</b>	Bradley F. Altherr		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Tony Gillow      Type: Supervisor  
Accred #: A38685      Training: 5/20/2022  
Exp. Date: 6/3/2023      Fit test: 7/15/2022  
Activity: Removal of ceilings      PWO: 12/30/2021  
Personal #: Not Sampled (Max of 2 PS)

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II		Middle Hallway

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	July 18, 2022
<b>Location:</b>	Second Floor	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 18, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	0.00
AS1	Outside of containment	7:20 AM	160	7.935	1270	0.002	7.01
		10:00 AM					
AS2	Outside of containment	10:00 AM	120	7.935	952	0.003	6.37
		12:00 PM					
AS3	Outside of containment	1:25 PM	115	7.935	913	0.003	4.46
		3:20 PM					
AS4	Outside of containment	3:20 PM	60	7.935	476	0.009	12.74
		4:20 PM					
PA1	East side of Hallway Containment	2:45 PM	144	15.030	2164	0.001	6.37
		5:09 PM					
PA2	West Side of Hallway Containment	2:45 PM	144	14.530	2092	0.002	14.01
		5:09 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



# ASBESTOS DAILY PROJECT REPORTS OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Kami Karas
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	July 18, 2022
<b>Location:</b>	Second Floor	<b>Samples Analyzed By:</b>	Kami Karas
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	July 18, 2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Plaster Ceiling Removal & Uniduct installation	7:30 AM	470	2.0	940	0.069	*
		4:20 PM				0.068	
Activity:	Plaster Ceiling Removal & Uniduct installation						
PS1	Plaster Ceiling Removal & Uniduct installation	7:30 AM	30	2.0	60	0.278	44.59
		8:00 AM					
PS1R1	Plaster Ceiling Removal & Uniduct installation	8:00 AM	120	2.0	240	0.091	57.96
		10:00 AM					
PS1R2	Plaster Ceiling Removal & Uniduct installation	10:00 AM	120	2.0	240	0.042	27.39
		12:00 PM					
PS1R3	Plaster Ceiling Removal & Uniduct installation	1:00 PM	140	2.0	280	0.040	30.57
		3:20 PM					
PS1R4	Plaster Ceiling Removal & Uniduct installation	3:20 PM	60	2.0	120	0.043	14.65
		4:20 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Plaster Ceiling Removal & Uniduct installation	7:30 AM	470	2.0	940	0.063	*
		4:20 PM				0.062	
Activity:	Plaster Ceiling Removal & Uniduct installation						
PS2	Plaster Ceiling Removal & Uniduct installation	7:30 AM	150	2.0	300	0.052	42.04
		10:00 AM					
PS2R1	Plaster Ceiling Removal & Uniduct installation	10:00 AM	120	2.0	240	0.018	12.74
		12:00 PM					
PS2R2	Plaster Ceiling Removal & Uniduct installation	1:00 PM	60	2.0	120	0.127	40.76
		2:00 PM					
PS2R3	Plaster Ceiling Removal & Uniduct installation	2:00 PM	60	2.0	120	0.112	36.31
		3:00 PM					
PS3R4	Plaster Ceiling Removal & Uniduct installation	3:00 PM	80	2.0	160	0.067	29.30
		4:20 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/19/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Bradley Altherr

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chris Treglown      Type: Worker  
 Accred #: A36314      Training: 10/30/2021  
 Exp. Date: 1/29/2023      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 1/12/2022  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	20	Throughout Second Floor
Other Class II	600	Room 220
Other Class II	1800	Room 207

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/19/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/19/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 207	7:30 AM 10:30 AM	180	7.985	1437	0.002	4.46
AS1R1	Second floor outside Room 207	10:30 AM 2:00 PM	210	7.985	1677	0.002	10.19
AS1R2	Second floor outside Room 207	2:00 PM 5:15 PM	195	7.985	1557	0.002	10.19
PA1	South Hallway outside Nurse's office/ Across from room 207	11:30 AM 1:45 PM	135	14.4	1944	0.001	0.00

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/19/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/19/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	390	2.0	780	0.010	*
		2:00 PM				0.008	
Activity:	Removal of wall plaster cutouts/ final clean of room 207						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	30	2.0	60	0.045	0.00
		11:00 AM					
PS1R2	Ines Castro	11:00 AM	180	2.0	360	0.007	0.00
		2:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average







## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/20/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Bradley Altherr

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Chris Treglown      Type: Worker  
 Accred #: A36314      Training: 10/30/2021  
 Exp. Date: 1/29/2023      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 1/12/2022  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 207
Other Class II	600	Room 220

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/20/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/20/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 207	7:30 AM 10:30 AM	180	7.985	1437	0.005	19.11
AS1R1	Second floor outside Room 207	10:30 AM 2:00 PM	210	7.985	1677	0.003	13.38
AS1R2	Second floor outside Room 207	2:00 PM 5:15 PM	195	7.985	1557	0.002	5.10
PA1	Inside Containment	8:15 AM 11:30 AM	195	8.208	1601	0.002	0.00
PA2	Inside Containment	8:15 AM 11:30 AM	195	8.217	1602	0.002	0.00
PA3	Inside Containment	8:15 AM 11:30 AM	195	8.149	1589	0.002	0.00
PA4	Inside Containment	8:15 AM 11:30 AM	195	7.862	1533	0.002	0.00
PA5	Inside Containment	8:15 AM 11:30 AM	195	8.021	1564	0.002	0.00
PA6	Outside Containment	8:00 AM 11:15 AM	195	7.85	1531	0.002	0.00
PA7	Outside Containment	8:00 AM 11:15 AM	195	8.22	1603	0.002	0.00
PA8	Outside Containment	8:00 AM 11:15 AM	195	8.2	1599	0.002	0.00
PA9	Outside Containment	8:00 AM 11:15 AM	195	8.08	1576	0.002	0.00
PA10	Outside Containment	8:00 AM 11:15 AM	195	8.19	1597	0.002	0.00

AHERA PCM Clearance Level = 0.010 f/cc  
AHERA TEM Clearance Level = 70 AS/mm2  
State of Michigan PCM Clearance Level = 0.050 f/cc

**Project Area Clearance Information**

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/20/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/20/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	510	2.0	1020	0.011	*
		4:00 PM				0.011	
		Activity: Removal of ceiling plaster					
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	30	2.0	60	0.045	0.00
		11:00 AM					
PS1R2	Ines Castro	11:00 AM	210	2.0	420	0.006	0.00
		2:30 PM					
PS1R3	Ines Castro	2:30 PM	90	2.0	180	0.015	0.00
		4:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/21/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

Abatement Information		Regulated Area Information		Air Sample Information	
OSHA Work Class	II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	No	Calibrated pumps:	Yes
<b>Contractor Activities</b>		Corrections made:	no	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	No	Corrections made:	No	Above/Below STEL:	below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	No
Waste bags checked:	Yes	Smoke testing conducted:	Yes	Passed:	N/A
Conducted by: <x>		Conducted by: <x>		Aggressive:	N/A
# of Waste Bags: <#>		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	No
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by:		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	<b>Personal Samples Collected On:</b>	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s): Ines Castro	
		Type: HFNPR		A worker/workers who is/are representative of all workers	
<b>Abatement Method(s)</b>		PPE - Disposable coveralls (Consultant):	Yes	within the work area (all workers are conducting similar	
Full Enclosure		PPE - Respirators (Consultant):	Yes	activities)	
		Type: HFNPR			
Criticals set-up:	Yes	Did Consultant enter enclosure:	No		
Shower set-up:	Yes	Time (A.M.): <##:## a.m. - ##:## a.m.>		<b>Required Postings</b>	
AFDs used:	Yes	Time (P.M.): <##:## p.m. - ##:## p.m.>		Notification:	Yes
				Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	Yes



## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/21/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard      Type: Supervisor  
 Accred #: A42060      Training: 9/17/2021  
 Exp. Date: 9/30/2022      Fit test: 7/15/2022  
 Activity: Set-up Only      PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr      Type: Supervisor  
 Accred #: A45730      Training: 5/13/2022  
 Exp. Date: 6/4/2023      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 5/16/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	1800	Room 207
Other Class II	600	Room 220

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/21/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/21/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 220	7:30 AM	180	7.985	1437	0.003	14.01
		10:30 AM					
AS1R1	Second floor outside Room 220	10:30 AM	210	7.985	1677	0.004	19.11
		2:00 PM					
AS1R2	Second floor outside Room 220	2:00 PM	195	7.985	1557	0.003	12.74
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/21/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/21/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	510	2.0	1020	0.011	*
		4:00 PM				0.011	
Activity:	Removal of ceiling plaster						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	30	2.0	60	0.045	0.00
		11:00 AM					
PS1R2	Ines Castro	11:00 AM	210	2.0	420	0.006	0.00
		2:30 PM					
PS1R3	Ines Castro	2:30 PM	90	2.0	180	0.015	0.00
		4:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	7/22/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Thinh Nguyen	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Throughout Second Floor	<b>Competent Person:</b>	Shane Niblock		
<b>Project #:</b>	AE220516				

Abatement Information		Regulated Area Information		Air Sample Information	
<b>OSHA Work Class</b>	II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	No	Calibrated pumps:	Yes
<b>Contractor Activities</b>		Corrections made:	no	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	No	Corrections made:	No	Above/Below STEL:	below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	Yes
Waste bags checked:	Yes	Smoke testing conducted:	Yes	Passed:	Yes
Conducted by: <x>		Conducted by: <x>		Aggressive:	Yes
# of Waste Bags: <#>		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	No
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by:		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	<b>Personal Samples Collected On:</b>	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s):	Ines Castro
		Type:	HFNPR	A worker/workers who is/are representative of all workers within the work area (all workers are conducting similar activities)	
<b>Abatement Method(s)</b>		PPE - Disposable coveralls (Consultant):	Yes		
Full Enclosure		PPE - Respirators (Consultant):	Yes		
		Type:	HFNPR		
Criticals set-up:	Yes	Did Consultant enter enclosure:	No	<b>Required Postings</b>	
Shower set-up:	Yes	Time (A.M.): <###:## a.m. - ##:## a.m.>		Notification:	Yes
AFDs used:	Yes	Time (P.M.): <###:## p.m. - ##:## p.m.>		Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	Yes



## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/22/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera Type: Worker  
 Accred #: A58105 Training:   
 Exp. Date: 10/27/2022 Fit test:   
 Activity: Removal of Ceilings PWO:   
 Personal #: PS1

Name: Shane Niblock Type: Supervisor  
 Accred #: A43597 Training: 10/24/2021  
 Exp. Date: 12/18/2022 Fit test: 7/15/2022  
 Activity: Supervisor PWO: 7/2/2022  
 Personal #: PS2

Name: Ines Castro Type: Worker  
 Accred #: A58233 Training:   
 Exp. Date: 11/30/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Cruz Torres Type: Worker  
 Accred #: A58158 Training:   
 Exp. Date: 11/12/2022 Fit test:   
 Activity: Set-up Only PWO:   
 Personal #: N/A (No abate. activities)

Name: Jason Robinson-Howard Type: Supervisor  
 Accred #: A42060 Training: 9/17/2021  
 Exp. Date: 9/30/2022 Fit test: 7/15/2022  
 Activity: Set-up Only PWO: 10/19/2021  
 Personal #: N/A (No abate. activities)

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Bradley Altherr Type: Supervisor  
 Accred #: A45730 Training: 5/13/2022  
 Exp. Date: 6/4/2023 Fit test: 7/15/2022  
 Activity: Equipment & supplies PWO: 6/11/2022  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas Type: Worker  
 Accred #: A58114 Training:   
 Exp. Date: 10/28/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera Type: Worker  
 Accred #: A46719 Training:   
 Exp. Date: 9/30/2022 Fit test:   
 Activity: Removal of ceilings PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez Type: Worker  
 Accred #: A54503 Training:   
 Exp. Date: 6/11/2023 Fit test:   
 Activity: Equipment & supplies PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran Type: Worker  
 Accred #: A57748 Training:   
 Exp. Date: 9/7/2022 Fit test:   
 Activity: Set-up only PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	600	Room 222
Other Class II	600	Room 220
Other Class II	8	Southeast Corner of Second Floor

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/22/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/22/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 220	7:30 AM	180	7.985	1437	0.005	19.75
		10:30 AM					
AS1R1	Second floor outside Room 220	10:30 AM	210	7.985	1677	0.002	10.19
		2:00 PM					
AS1R2	Second floor outside Room 220	2:00 PM	195	7.985	1557	0.002	7.01
		5:15 PM					
PA1	Second floor hallway outside main office/south east corner	11:30 AM	135	14.4	1944	0.001	0.00
		1:45 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/22/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/22/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
-----------	-----------------	-----------	------------------	-----------------	------------	----------------------	------------------------------

PS1 Series	Ines Castro	7:30 AM	510	2.0	1020	0.011	*
		4:00 PM				0.011	
Activity:	Removal of ceiling plaster/final clean						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	30	2.0	60	0.045	0.00
		11:00 AM					
PS1R2	Ines Castro	11:00 AM	210	2.0	420	0.006	0.00
		2:30 PM					
PS1R3	Ines Castro	2:30 PM	90	2.0	180	0.015	0.00
		4:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average

PS2 Series	Shane Niblock	9:00 AM	120	2.0	240	0.022	*
		11:00 AM				0.006	
Activity:	Adjusted ceiling lights fixtures						
PS2	Shane Niblock	9:00 AM	30	2.0	60	0.045	0.00
		9:30 AM					
PS2R1	Shane Niblock	9:30 AM	90	2.0	180	0.015	0.00
		11:00 AM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/23/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Ariel Rivera      Type: Worker  
 Accred #: A58105      Training:   
 Exp. Date: 10/27/2022      Fit test:   
 Activity: Removal of Ceilings      PWO:   
 Personal #: PS1

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/2/2022  
 Personal #: N/A (No abate. Activities)

Name: Ines Castro      Type: Worker  
 Accred #: A58233      Training:   
 Exp. Date: 11/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Cruz Torres      Type: Worker  
 Accred #: A58158      Training:   
 Exp. Date: 11/12/2022      Fit test:   
 Activity: Set-up Only      PWO:   
 Personal #: N/A (No abate. activities)

Name:   
 Accred #:   
 Exp. Date:   
 Activity:   
 Personal #:

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Chad Grossa      Type: Supervisor  
 Accred #: A33063      Training: 9/17/2021  
 Exp. Date: 11/2/2022      Fit test: 7/15/2022  
 Activity: Equipment & supplies      PWO: 10/21/2021  
 Personal #: N/A (No abate. activities)

Name: Jhonssell Vargas      Type: Worker  
 Accred #: A58114      Training:   
 Exp. Date: 10/28/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Osmin E. Lopez Herrera      Type: Worker  
 Accred #: A46719      Training:   
 Exp. Date: 9/30/2022      Fit test:   
 Activity: Removal of ceilings      PWO:   
 Personal #: PS1

Name: Omar A Granados Bermudez      Type: Worker  
 Accred #: A54503      Training:   
 Exp. Date: 6/11/2023      Fit test:   
 Activity: Equipment & supplies      PWO:   
 Personal #: N/A (No abate. activities)

Name: Nohemi Zamoran      Type: Worker  
 Accred #: A57748      Training:   
 Exp. Date: 9/7/2022      Fit test:   
 Activity: Set-up only      PWO:   
 Personal #: N/A (No abate. activities)

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	600	Room 222
Other Class II	600	Room 220

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/23/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/23/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second floor outside Room 220	7:30 AM	180	7.985	1437	0.002	5.73
		10:30 AM					
AS1R1	Second floor outside Room 220	10:30 AM	210	7.985	1677	0.002	3.82
		2:00 PM					
AS1R2	Second floor outside Room 220	2:00 PM	75	7.985	599	0.005	5.10
		3:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

N/A



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/23/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/23/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Ines Castro	7:30 AM	420	2.0	840	0.010	*
		4:00 PM				0.008	
Activity:	Removal of ceiling plaster/final clean						
PS1	Ines Castro	7:30 AM	180	2.0	360	0.007	0.00
		10:30 AM					
PS1R1	Ines Castro	10:30 AM	30	2.0	60	0.045	0.00
		11:00 AM					
PS1R2	Ines Castro	11:00 AM	210	2.0	420	0.006	0.00
		2:30 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average



## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/25/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

Abatement Information		Regulated Area Information		Air Sample Information	
OSHA Work Class	II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	No	Calibrated pumps:	Yes
Contractor Activities		Corrections made:	no	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	No	Corrections made:	No	Above/Below STEL:	below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	Yes
Waste bags checked:	Yes	Smoke testing conducted:	Yes	Passed:	Yes
Conducted by: <x>		Conducted by: <x>		Aggressive:	Yes
# of Waste Bags: <#>		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	Yes
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by:		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	Personal Samples Collected On:	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s): Erik Richardson	
		Type:	HFNPR	A worker/workers who is/are representative of all workers	
Abatement Method(s)		PPE - Disposable coveralls (Consultant):	Yes	within the work area (all workers are conducting similar	
Full Enclosure		PPE - Respirators (Consultant):	Yes	activities)	
		Type:	HFNPR		



## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/25/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Tinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Erik Richardson      Type: Supervisor  
Accred #: A52387      Training: 5/13/2022  
Exp. Date: 6/5/2023      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 12/3/2021  
Personal #: PS1

Name: Shane Niblock      Type: Supervisor  
Accred #: A43597      Training: 10/24/2021  
Exp. Date: 12/18/2022      Fit test: 7/15/2022  
Activity: Supervisor      PWO: 7/2/2022  
Personal #: N/A (No abate. Activities)

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Leonard Dolland, Jr.      Type: Supervisor  
Accred #: A54663      Training: 5/13/2022  
Exp. Date: 5/30/2023      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 5/12/2022  
Personal #: PS1

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	600	Room 222
Other Class II	600	Room 220
Other Class II	3	Room 205
Other Class II	3	Room 202

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/25/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/25/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
AS1	Second Floor Hallway, southeast corner	8:30 AM	190	7.985	1517	0.003	14.01
		11:00 AM					
PA1	Room 205	11:00 AM	135	14.4	1944	0.001	0.00
		1:15 PM					
PA2	Room 202	2:00 PM	135	14.4	1944	0.001	0.00
		4:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/25/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/25/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Erik Richardson	9:30 AM	150	2.0	300	0.027	*
		2:00 PM				0.008	
Activity:	Removal of wall plaster cut-outs						
PS1	Erik Richardson	9:30 AM	30	2.0	60	0.045	0.00
		10:00 AM					
PS1R1	Erik Richardson	10:00 AM	60	2.0	120	0.022	0.00
		11:00 AM					
PS1R2	Erik Richardson	1:00 PM	60	2.0	120	0.022	0.00
		2:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/25/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Erik Richardson      Type: Supervisor  
 Accred #: A52387      Training: 5/13/2022  
 Exp. Date: 6/5/2023      Fit test: 7/15/2022  
 Activity: Removal of misc. NF      PWO: 12/3/2021  
 Personal #: PS1

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/3/2022  
 Personal #: N/A (No abate. Activities)

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Leonard Dolland, Jr.      Type: Supervisor  
 Accred #: A54663      Training: 5/13/2022  
 Exp. Date: 5/30/2023      Fit test: 7/15/2022  
 Activity: Removal of misc. NF      PWO: 5/12/2022  
 Personal #: PS1

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	600	Room 222
Other Class II	600	Room 220
Other Class II	3	Southeast block, second floor

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/25/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/25/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
PA1	Inside Containment	7:55 AM	195	8.208	1601	0.002	0.00
		11:10 AM					
PA2	Inside Containment	7:55 AM	195	8.217	1602	0.002	0.00
		11:10 AM					
PA3	Inside Containment	7:55 AM	195	8.149	1589	0.002	0.00
		11:10 AM					
PA4	Inside Containment	7:55 AM	195	7.862	1533	0.002	0.00
		11:10 AM					
PA5	Inside Containment	7:55 AM	195	8.021	1564	0.002	0.00
		11:10 AM					
PA6	Outside Containment	8:00 AM	195	7.85	1531	0.002	0.00
		11:15 AM					
PA7	Outside Containment	8:00 AM	195	8.22	1603	0.002	0.00
		11:15 AM					
PA8	Outside Containment	8:00 AM	195	8.2	1599	0.002	0.00
		11:15 AM					
PA9	Outside Containment	8:00 AM	195	8.08	1576	0.002	0.00
		11:15 AM					
PA10	Outside Containment	8:00 AM	195	8.19	1597	0.002	0.00
		11:15 AM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

## **Project Area Clearance Information**

Passed

## ASBESTOS DAILY PROJECT REPORTS

### On-Site Activity Summary

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/25/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

Abatement Information		Regulated Area Information		Air Sample Information	
OSHA Work Class	II	Enclosure Integrity Check (start of work shift):	Yes	Air samples collected:	Yes
		Corrections necessary:	No	Calibrated pumps:	Yes
<b>Contractor Activities</b>		Corrections made:	no	Baseline samples (BL)	No
Set-up procedures conducted:	Yes	Enclosure Integrity Check (middle of work shift):	Yes	Set-up samples (SS)	No
Abatement procedures conducted:		Corrections necessary:	No	Personal samples (8 hr TWA) (PS)	Yes
Removal:	Yes	Corrections made:	No	Above/Below PEL:	Below
Encapsulation:	No	Enclosure Integrity Check (end of work shift):	Yes	Personal samples (STEL) (PS)	Yes
Repair:	No	Corrections necessary:	No	Above/Below PEL:	Below
Enclosure:	No	Corrections made:	No	Above/Below STEL:	below
Wet methods used:	Yes	Negative air maintained:	Yes	Area samples (AS)	Yes
Clean up procedures:	Yes	Manometer reading: <#>		PCM Clearance samples (PA)	Yes
Waste bags checked:	Yes	Smoke testing conducted:	Yes	Passed:	Yes
Conducted by: <x>		Conducted by: <x>		Aggressive:	Yes
# of Waste Bags: <#>		Asbestos signs in place:	Yes	TEM Clearance samples (PA)	Yes
Final cleaning procedures:	Yes	Asbestos banner tape in place:	Yes	Passed:	N/A
Visual inspection:	Yes	Shower operational:	Yes	Aggressive:	N/A
Conducted by:		Dumpster secure at end of day:	Yes		
Lock-down activities:	Yes	PPE - Disposable coveralls (Contractor):	Yes	<b>Personal Samples Collected On:</b>	
Tear-down procedures:	Yes	PPE - Respirators (Contractor):	Yes	Name(s): Erik Richardson	
		Type:	HFNPR	A worker/workers who is/are representative of all workers	
<b>Abatement Method(s)</b>		PPE - Disposable coveralls (Consultant):	Yes	within the work area (all workers are conducting similar	
Full Enclosure		PPE - Respirators (Consultant):	Yes	activities)	
		Type:	HFNPR		
Criticals set-up:	Yes	Did Consultant enter enclosure:	No		
Shower set-up:	Yes	Time (A.M.): <##:## a.m. - ##:## a.m.>		<b>Required Postings</b>	
AFDs used:	Yes	Time (P.M.): <##:## p.m. - ##:## p.m.>		Notification:	Yes
				Supervisor/Competent Person Training:	Yes
				OSHA Personal Sampling Posting:	Yes





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 7/25/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Thinh Nguyen
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Shane Niblock

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Erik Richardson      Type: Supervisor  
Accred #: A52387      Training: 5/13/2022  
Exp. Date: 6/5/2023      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 12/3/2021  
Personal #: PS1

Name: Shane Niblock      Type: Supervisor  
Accred #: A43597      Training: 10/24/2021  
Exp. Date: 12/18/2022      Fit test: 7/15/2022  
Activity: Supervisor      PWO: 7/3/2022  
Personal #: N/A (No abate. Activities)

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Leonard Dolland, Jr.      Type: Supervisor  
Accred #: A54663      Training: 5/13/2022  
Exp. Date: 5/30/2023      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 5/12/2022  
Personal #: PS1

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	600	Room 222
Other Class II	600	Room 220
Other Class II		Southeast block, second floor

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



# **ASBESTOS DAILY PROJECT REPORTS** **Air Sample Analysis Information**

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/25/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/25/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	1.91
PA1	Inside Containment	11:25 AM 2:40 PM	195	8.208	1601	0.002	0.00
PA2	Inside Containment	11:25 AM 2:40 PM	195	8.217	1602	0.002	0.00
PA3	Inside Containment	11:25 AM 2:40 PM	195	8.149	1589	0.002	0.00
PA4	Inside Containment	11:25 AM 2:40 PM	195	7.862	1533	0.002	0.00
PA5	Inside Containment	11:25 AM 2:40 PM	195	8.021	1564	0.002	0.00
PA6	Outside Containment	11:20 AM 2:35 PM	195	7.85	1531	0.002	0.00
PA7	Outside Containment	11:20 AM 2:35 PM	195	8.22	1603	0.002	0.00
PA8	Outside Containment	11:20 AM 2:35 PM	195	8.2	1599	0.002	0.00
PA9	Outside Containment	11:20 AM 2:35 PM	195	8.08	1576	0.002	0.00
PA10	Outside Containment	11:20 AM 2:35 PM	195	8.19	1597	0.002	0.00

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

**Project Area Clearance Information**

Passed





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	7/26/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Tinh Nguyen	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Throughout Second Floor	<b>Competent Person:</b>	Shane Niblock		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Erik Richardson      Type: Supervisor  
 Accred #: A52387      Training: 5/13/2022  
 Exp. Date: 6/5/2023      Fit test: 7/15/2022  
 Activity: Removal of misc. NF      PWO: 12/3/2021  
 Personal #: PS1

Name: Shane Niblock      Type: Supervisor  
 Accred #: A43597      Training: 10/24/2021  
 Exp. Date: 12/18/2022      Fit test: 7/15/2022  
 Activity: Supervisor      PWO: 7/2/2022  
 Personal #: N/A (No abate. Activities)

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Leonard Dolland, Jr.      Type: Supervisor  
 Accred #: A54663      Training: 5/13/2022  
 Exp. Date: 5/30/2023      Fit test: 7/15/2022  
 Activity: Removal of misc. NF      PWO: 5/12/2022  
 Personal #: PS1

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	600	Room 222
Other Class II	600	Room 220
Other Class II	2	Room 208 and offices
Other Class II	4	1st Floor Cafeteria

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/26/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/26/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	3.82
FB2	Sample prepared on-site.	--	--	--	--	--	1.27
AS1	Second Floor Hallway, southeast corner	8:00 AM	135	7.985	1078	0.003	7.01
		10:15 AM					
AS2	Second Floor north east stairwell	1:30 PM	240	8.149	1956	0.001	4.46
		5:30 PM					
PA1	Room 208 and Offices	10:15 AM	135	14.4	1944	0.001	0.00
		12:30 PM					
PA2	1st floor Cafeteria	3:00 PM	135	14.4	1944	0.001	0.00
		5:15 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Thinh Nguyen
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/26/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Thinh Nguyen
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/26/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Erik Richardson	9:30 AM	105	2.0	210	0.026	*
		2:00 PM				0.006	
Activity:	Removal of wall plaster cut-outs						
PS1	Erik Richardson	9:30 AM	30	2.0	60	0.045	0.00
		10:00 AM					
PS1R1	Erik Richardson	1:45 PM	75	2.0	150	0.018	0.00
		3:00 PM					

**OSHA Permissible Exposure Limit** = 0.100 f/cc, 8 hr TWA

**OSHA STEL Limit** = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b>	7/29/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School	<b>Project Technician:</b>	Sheri Carriere	<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Location:</b>	Throughout Second Floor	<b>Competent Person:</b>	Shane Niblock		
<b>Project #:</b>	AE220516				

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Erik Richardson      Type: Supervisor  
Accred #: A52387      Training: 5/13/2022  
Exp. Date: 6/5/2023      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 12/3/2021  
Personal #: PS1

Name: Shane Niblock      Type: Supervisor  
Accred #: A43597      Training: 10/24/2021  
Exp. Date: 12/18/2022      Fit test: 7/15/2022  
Activity: Supervisor      PWO: 7/2/2022  
Personal #: N/A (No abate. Activities)

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Leonard Dolland, Jr.      Type: Supervisor  
Accred #: A54663      Training: 5/13/2022  
Exp. Date: 5/30/2023      Fit test: 7/15/2022  
Activity: Removal of misc. NF      PWO: 5/12/2022  
Personal #: PS1

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

Name:      Type:  
Accred #:      Training:  
Exp. Date:      Fit test:  
Activity:      PWO:  
Personal #:     

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	6sf	Rooms 215/217
Other Class II	4sf	Second Floor Womens Bathroom

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No





## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Sheri Carriere
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/29/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Sheri Carriere
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/29/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	0.00
FB2	Sample prepared on-site.	--	--	--	--	--	0.00
PA1	Collected in Rooms 215/217	11:00AM	140	14.4	2016	0.001	0.00
		1:20PM					
PA2	Collected in the second floor Womens Bathroom	1:00PM	120	15.03	1804	0.001	0.00
		3:00PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Sheri Carriere
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	7/29/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Sheri Carriere
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	7/29/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Collected on Erik Richardson	11:00AM	210	2.0	420	0.019	*
		2:30PM				0.008	
Activity:	Removal of wall plaster cut-outs						
PS1	Collected on Erik Richardson	11:00AM	105	2.0	210	0.013	0.00
		12:45PM					
stelPS1R1	Collected on Erik Richardson	12:45PM	30	2.0	60	0.045	0.00
		1:15PM					
PS1R2	Collected on Erik Richardson	1:15PM	75	2.0	150	0.018	0.00
		2:30PM					

**OSHA Permissible Exposure Limit** = 0.100 f/cc, 8 hr TWA

**OSHA STEL Limit** = 1.0 f/cc

\* = 8 hr Time Weighted Average





## ASBESTOS DAILY PROJECT REPORTS

### Contractor and Materials Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Date:</b> 8/1/2022	<b>Consultant:</b>	Arch Environmental Group, Inc.
<b>Building:</b>	Community High School		<b>Project Technician:</b>	Pedro Pacheco
<b>Location:</b>	Throughout Second Floor		<b>Abatement Contractor:</b>	Environmental Maintenance Engineers, Inc.
<b>Project #:</b>	AE220516		<b>Competent Person:</b>	Christopher Gibson

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name: Christopher Gibson      Type: Supervisor  
 Accred #: A37296      Training: 9/17/2021  
 Exp. Date: 11/12/2022      Fit test: 7/15/2022  
 Activity: Removal of misc. NF      PWO: 4/22/2022  
 Personal #: PS1

Name: Leonard Dolland, Jr.      Type: Supervisor  
 Accred #: A54663      Training: 5/13/2022  
 Exp. Date: 5/30/2023      Fit test: 7/15/2022  
 Activity: Removal of misc. NF      PWO: 5/12/2022  
 Personal #: PS1

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

#### Abatement Personnel Information

##### Workers / Accreditation Numbers

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

Name:      Type:  
 Accred #:      Training:  
 Exp. Date:      Fit test:  
 Activity:      PWO:  
 Personal #:

#### Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	6sf	Room
Other Class II	4sf	Second Floor Womens Bathroom

#### Additional Work Activities

Were work activities conducted that were not included in original scope-of-work or that need to be tracked on a T&M basis?

No



## ASBESTOS DAILY PROJECT REPORTS

### Air Sample Analysis Information

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Pedro Pacheco
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	8/1/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Pedro Pacheco
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	8/1/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
FB1	Sample prepared on-site.	--	--	--	--	--	0.00
FB2	Sample prepared on-site.	--	--	--	--	--	0.00
AS1	Hallway in Front of 2nd Floor Girls Restroom	8:30 AM	180	12.000	2160	0.002	9.55
		11:30 AM					
PA1	Collected in Room	9:40 AM	140	14.4	2016	0.001	0.00
		12:00 PM					
PA2	Collected in the second floor Womens Bathroom	10:30 AM	135	15.03	2029	0.001	0.00
		12:25 PM					

AHERA PCM Clearance Level = 0.010 f/cc

AHERA TEM Clearance Level = 70 AS/mm<sup>2</sup>

State of Michigan PCM Clearance Level = 0.050 f/cc

#### Project Area Clearance Information

Passed



## ASBESTOS DAILY PROJECT REPORTS

### OSHA Personal Air Sample Analysis

<b>Client:</b>	Ann Arbor Public Schools	<b>Samples Collected By:</b>	Pedro Pacheco
<b>Building:</b>	Community High School	<b>Sample Collection Date:</b>	8/1/2022
<b>Location:</b>	Throughout Second Floor	<b>Samples Analyzed By:</b>	Pedro Pacheco
<b>Project #:</b>	AE220516	<b>Sample Analysis Date:</b>	8/1/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm <sup>2</sup> )
PS1 Series	Collected on Leonard Dolland	8:30 AM	210	2.0	420	0.019	*
		12:00 PM				0.008	
Activity:	Removal of wall plaster cut-outs						
STEL	Collected on Leonard Dolland	8:30 AM	105	2.0	210	0.013	0.00
		9:00 AM					
PS1	Collected on Leonard Dolland	9:00 AM	30	2.0	60	0.045	0.00
		10:30 AM					
PS1R1	Collected on Leonard Dolland	10:30 AM	75	2.0	150	0.018	0.00
		12:00 PM					

OSHA Permissible Exposure Limit = 0.100 f/cc, 8 hr TWA

OSHA STEL Limit = 1.0 f/cc

\* = 8 hr Time Weighted Average



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E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: June 25, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-6252ARCHA  
Community High School - 2nd Floor Southeast Block Project  
AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on June 25, 2022. These samples represent the final clearance TEM samples for the Community High School - 2nd Floor Southeast Block Project - AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter (s/mm<sup>2</sup>) is 17.7 s/mm<sup>2</sup>, which is below the specified clearance level of 70 s/mm<sup>2</sup> (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

Kevin R. Bean, B.A.  
TEM Laboratory Director



## SUMMARY OF AHERA TEM RESULTS

TABLE I  
Inside Samples

Project Name: Community High School - 2nd Floor Southeast Block Project - AE220516

McCall and Spero Project No: MSE-6252ARCHA

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (l)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I01	PA1	NSD	NA	1456.2	0.0047	BDL ( 0.0047 )*	BDL ( 17.7 )*
I02	PA2	NSD	NA	1443.8	0.0047	BDL ( 0.0047 )*	BDL ( 17.7 )*
I03	PA3	NSD	NA	1466.8	0.0047	BDL ( 0.0047 )*	BDL ( 17.7 )*
I04	PA4	NSD	NA	1415.2	0.0048	BDL ( 0.0048 )*	BDL ( 17.7 )*
I05	PA5	NSD	NA	1479.1	0.0046	BDL ( 0.0046 )*	BDL ( 17.7 )*
Average						0.0047	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45um

Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: 

Date: 6/25/22

*McCall and Spero Environmental, Inc.*



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6252ARCHA  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I01  
Date Received: June 25, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: KRB

Volume (liters) : 1456.2  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,500  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D885  
Date Analyzed: June 25, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0000

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0000)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (0.0)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6252ARCHA

Client I.D. Number: PA2

Location: Inside Enclosure

MSE Lab I.D : I02

Date Received: June 25, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: KRB

Volume (liters) : 1443.8

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,500

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D885

Date Analyzed: June 25, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber

B=Bundle

C=Cluster

M=Matrix

NSD=No Structures Detected

SAED=Selected Area Electron Diffraction

EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0000

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0000)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (0.0)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6252ARCHA  
Client I.D. Number: PA3  
Location: Inside Enclosure

MSE Lab I.D : I03  
Date Received: June 25, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: KRB

Volume (liters) : 1466.8  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,500  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D885  
Date Analyzed: June 25, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0000

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0000)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (0.0)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6252ARCHA  
Client I.D. Number: PA4  
Location: Inside Enclosure

MSE Lab I.D : I04  
Date Received: June 25, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: KRB

Volume (liters) : 1415.2  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,500  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D885  
Date Analyzed: June 25, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0000

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0000)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (0.0)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6252ARCHA  
Client I.D. Number: PA5  
Location: Inside Enclosure

MSE Lab I.D : I05  
Date Received: June 25, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: KRB

Volume (liters) : 1479.1  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,500  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D885  
Date Analyzed: June 25, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0000

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0000)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (0.0)



# McCall and Spero Environmental, Inc.

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## TEM AHERA CHAIN OF CUSTODY FORM

Company: Arch Environmental Group, Inc.	Telephone #: (248) 426-0165	Fax #: (248) 427-0305
Contact: Jeff Heydanek / Steven Roach	Client Project Number: AE220516	
Relinquished by: Thinh Nguyen	Date: 6/24/2022	Time: 3:30 PM
Written Report To: Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335		
Project Name: Community High School - 2 <sup>nd</sup> Floor Southeast Block		
Turn-Around Time: (Circle One) <input checked="" type="radio"/> 4 Hour <input type="radio"/> 6-8 Hour(same day) <input type="radio"/> 24 Hour <input type="radio"/> 2-3 Day <input type="radio"/> 4-5 Day <input type="radio"/> Weekend Rush <input type="radio"/> After Hour Rush		

For Laboratory Use Only

MSE Project #: MSE-6252 ARCH A	Comments:
Samples Received by: [Signature]	Date: 6/25/22 Time: 9:30 AM
Sample To Be Analyzed by: TEM AHERA / EPA 40CFR Part 763	
Samples Prepared By: [Signature]	Method: Burdett & Rood
Samples Analyzed By: [Signature]	Date: 6/25/22

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank (P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	12:20 PM	3:20 PM	180	8.090	1456.2
PA2	Inside Enclosure	↓	↓		8.021	1443.8
PA3	Inside Enclosure	↓	↓		8.149	1466.8
PA4	Inside Enclosure	↓	↓		7.862	1415.2
PA5	Inside Enclosure	↓	↓		8.217	1479.1
PA6	Outside Enclosure	12:00 PM	3:00 PM		7.840	1411.2
PA7	Outside Enclosure	↓	↓		8.220	1479.6
PA8	Outside Enclosure	↓	↓		8.200	1476.0
PA9	Outside Enclosure	↓	↓		8.080	1454.4
PA10	Outside Enclosure	↓	↓		8.190	1474.2

Results Transmitted/Date:

Fax/Phone By:

PLEASE EMAIL ALL REPORTS TO: labs@archenv.com





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**Environmental, Inc.**

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E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: June 28, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-6282ARCHA.1  
Community High School - 1st Floor Kitchen/Café Project  
ARCH# AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on June 28, 2022. These samples represent the final clearance TEM samples for the Community High School - 1st Floor Kitchen/Café Project - ARCH# AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter ( $s/mm^2$ ) is  $17.7 s/mm^2$ , which is below the specified clearance level of  $70 s/mm^2$  (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.  
Director of Testing Services

## SUMMARY OF AHERA TEM RESULTS

TABLE I

### Inside Samples

Project Name: Community High School - 1st Floor Kitchen/Café Project ARCH# AE220516

McCall and Spero Project No: MSE-6282ARCHA.1

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (l)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I-01	PA1	NSD	NA	1780	0.0038	BDL ( 0.0038 )*	BDL ( 17.7 )*
I-02	PA2	NSD	NA	1765	0.0039	BDL ( 0.0039 )*	BDL ( 17.7 )*
I-03	PA3	NSD	NA	1793	0.0038	BDL ( 0.0038 )*	BDL ( 17.7 )*
I-04	PA4	NSD	NA	1730	0.0039	BDL ( 0.0039 )*	BDL ( 17.7 )*
I-05	PA5	NSD	NA	1808	0.0038	BDL ( 0.0038 )*	BDL ( 17.7 )*
Average						0.0038	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45µm


Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: 

Date: 6/28/22

*McCall and Spero Environmental, Inc.*



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6282ARCHA.1  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I-01  
Date Received: June 28, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1780  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: June 28, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0038

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0038)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

*McCall and Spero Environmental, Inc.*

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6282ARCHA.1  
Client I.D. Number: PA2  
Location: Inside Enclosure

MSE Lab I.D : I-02  
Date Received: June 28, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Volume (liters) : 1765

Filter Type: MCE

Effective Filter Area: 385mm<sup>2</sup>

Filter Diameter: 25mm

Magnification: 18,000

Grid Openings Analyzed: 6

Mean Grid Square Area: 9400um<sup>2</sup>

Grids Analyzed: 2

Instrument Serial No: D1002

Analyst: SDL

Date Analyzed: June 28, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0039

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0039)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

*McCall and Spero Environmental, Inc.*

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6282ARCHA.1  
Client I.D. Number: PA3  
Location: Inside Enclosure

MSE Lab I.D : I-03  
Date Received: June 28, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1793  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: June 28, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0038

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0038)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

*McCall and Spero Environmental, Inc.*



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6282ARCHA.1  
Client I.D. Number: PA4  
Location: Inside Enclosure

MSE Lab I.D : I-04  
Date Received: June 28, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1730  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: June 28, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0039

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0039)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

*McCall and Spero Environmental, Inc.*

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-6282ARCHA.1  
Client I.D. Number: PA5  
Location: Inside Enclosure

MSE Lab I.D : I-05  
Date Received: June 28, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1808  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: June 28, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0038

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0038)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

*McCall and Spero Environmental, Inc.*



# McCall and Spero Environmental, Inc.

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • (800) 841-0180 • FAX (502) 244-7136

E-mail: customerservice@mselabs.com • Website: www.mselabs.com

## TEM AHERA CHAIN OF CUSTODY FORM

Company:	Arch Environmental Group, Inc.	Telephone #:	(248) 426-0165	Fax #:	(248) 427-0305
Contact:	Jeff Heydanek / Steven Roach	Client Project Number:	AE220516		
Relinquished by:	Thinh Nguyen	Date:	6/27/2022	Time:	2:30 PM
Written Report To:	Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335				
Project Name:	Community High School - 1st Floor Kitchen / Cafe				
Turn-Around Time: (Circle One)	4 Hour   6-8 Hour (same day)   24 Hour   2-3 Day   4-5 Day   Weekend Rush   After Hour Rush				

~~For Laboratory Use Only~~

MSE Project #:	MSE-6282ARCHA.1	Comments:	Intact		
Samples Received by:	[Signature]	Date:	6/28/22	Time:	8:30
Sample To Be Analyzed by:	TEM AHERA / EPA 40CFR Part 763				
Samples Prepared By:	[Signature]	Method:	Burdett & Rood		
Samples Analyzed By:	[Signature]	Date:	6/28/22		

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank (P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	8:40 AM	12:20 PM	220	8.090	1780
PA2	Inside Enclosure	↓	↓		8.021	1765
PA3	Inside Enclosure	↓	↓		8.149	1793
PA4	Inside Enclosure	↓	↓		7.862	1730
PA5	Inside Enclosure	↓	↓		8.217	1808
PA6	Outside Enclosure	8:30 AM	12:10 PM		7.840	1725
PA7	Outside Enclosure	↓	↓		8.220	1808
PA8	Outside Enclosure	↓	↓		8.200	1804
PA9	Outside Enclosure	↓	↓		8.080	1778
PA10	Outside Enclosure	↓	↓	↓	8.190	1802

Results Transmitted/Date:

Fax/Phone By:

PLEASE EMAIL ALL REPORTS TO: labs@archenvgroup.com





**McCall and Spero**  
**Environmental, Inc.**

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: July 1, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-712ARCHA  
Community High School - 2nd Floor Northeast Block, Room  
208 Project  
ARCH# AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on July 1, 2022. These samples represent the final clearance TEM samples for the Community High School - 2nd Floor Northeast Block, Room 208 Project - ARCH# AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter (s/mm<sup>2</sup>) is 17.7 s/mm<sup>2</sup>, which is below the specified clearance level of 70 s/mm<sup>2</sup> (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.  
Director of Testing Services

## SUMMARY OF AHERA TEM RESULTS

TABLE I

### Inside Samples

Project Name: Community High School - 2nd Floor Northeast Block, Room 208 Project ARCH# AE220516

McCall and Spero Project No: MSE-712ARCHA

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (l)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I-01	PA1	NSD	NA	1618	0.0042	BDL ( 0.0042 )*	BDL ( 17.7 )*
I-02	PA2	NSD	NA	1604	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-03	PA3	NSD	NA	1630	0.0042	BDL ( 0.0042 )*	BDL ( 17.7 )*
I-04	PA4	NSD	NA	1572	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-05	PA5	NSD	NA	1643	0.0042	BDL ( 0.0042 )*	BDL ( 17.7 )*
Average						0.0042	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45um

Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: \_\_\_\_\_

Date: 7/1/22

*McCall and Spero Environmental, Inc.*



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-712ARCHA  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I-01  
Date Received: July 1, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1618  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 1, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0042

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0042)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-712ARCHA  
Client I.D. Number: PA2  
Location: Inside Enclosure

MSE Lab I.D : I-02  
Date Received: July 1, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1604  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 1, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-712ARCHA  
Client I.D. Number: PA3  
Location: Inside Enclosure

MSE Lab I.D : I-03  
Date Received: July 1, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1630  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 1, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0042

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0042)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-712ARCHA  
Client I.D. Number: PA4  
Location: Inside Enclosure

MSE Lab I.D : I-04  
Date Received: July 1, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1572  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 1, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AMERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-712ARCHA  
Client I.D. Number: PA5  
Location: Inside Enclosure

MSE Lab I.D : I-05  
Date Received: July 1, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1643  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 1, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected    Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0042

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0042)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



# McCall and Spero Environmental, Inc.

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • (800) 841-0180 • FAX (502) 244-7136

E-mail: customerservice@mselabs.com • Website: www.mselabs.com

## TEM AHERA CHAIN OF CUSTODY FORM

Company: Arch Environmental Group, Inc.	Telephone #: (248) 426-0165	Fax #: (248) 427-0305
Contact: Jeff Heydanek / Steven Roach	Client Project Number: AE220516	
Relinquished by: <u>Thinh Nguyen</u>	Date: <u>6/30/2022</u>	Time: <u>5:30 PM</u>
Written Report To: Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335		
Project Name: <u>Community High School - 2<sup>nd</sup> Floor Northeast Black Room 208</u>		
Turn-Around Time: (Circle One) <u>4 Hour</u>   6-8 Hour(same day)   24 Hour   2-3 Day   4-5 Day   Weekend Rush   After Hour Rush		

For Laboratory Use Only

MSE Project #: <u>MSE-712ARCHA</u>	Comments: <u>Inter</u>
Samples Received by: <u>[Signature]</u>	Date: <u>7/1/22</u> Time: <u>830</u>
Sample To Be Analyzed by: TEM AHERA / EPA 40CFR Part 763	
Samples Prepared By: <u>[Signature]</u>	Method: <u>Burdett &amp; Rood</u>
Samples Analyzed By: <u>[Signature]</u>	Date: <u>7/1/22</u>

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank(P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	1:40PM	5:00PM	200	8.090	1618
PA2	Inside Enclosure				8.021	1604
PA3	Inside Enclosure				8.149	1630
PA4	Inside Enclosure				7.862	1572
PA5	Inside Enclosure				8.217	1643
PA6	Outside Enclosure				7.840	1568
PA7	Outside Enclosure				8.220	1644
PA8	Outside Enclosure				8.200	1640
PA9	Outside Enclosure				8.080	1616
PA10	Outside Enclosure				8.190	1638

Results Transmitted/Date: \_\_\_\_\_

Fax/Phone By: \_\_\_\_\_

PLEASE EMAIL ALL REPORTS TO: [lahs@archengroup.com](mailto:lahs@archengroup.com)





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**Environmental, Inc.**

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: July 7, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-772ARCHA.1  
Community High School - Room 202/204 Project  
ARCH# AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on July 7, 2022. These samples represent the final clearance TEM samples for the Community High School - Room 202/204 Project - ARCH# AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter ( $s/mm^2$ ) is  $17.7 s/mm^2$ , which is below the specified clearance level of  $70 s/mm^2$  (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.  
Director of Testing Services

## SUMMARY OF AHERA TEM RESULTS

TABLE I

### Inside Samples

Project Name: Community High School - Room 202/204 Project - ARCH# AE220516

McCall and Spero Project No: MSE-772ARCHA.1

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (l)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I-01	PA1	NSD	NA	1618	0.0042	BDL ( 0.0042 )*	BDL ( 17.7 )*
I-02	PA2	NSD	NA	1604	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-03	PA3	NSD	NA	1630	0.0042	BDL ( 0.0042 )*	BDL ( 17.7 )*
I-04	PA4	NSD	NA	1572	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-05	PA5	NSD	NA	1643	0.0042	BDL ( 0.0042 )*	BDL ( 17.7 )*
Average						0.0042	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45um


Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: 

Date: 7/7/22

*McCall and Spero Environmental, Inc.*



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-772ARCHA.1  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I-01  
Date Received: July 7, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1618

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 7, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0042

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0042)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-772ARCHA.1  
Client I.D. Number: PA2  
Location: Inside Enclosure

MSE Lab I.D : I-02  
Date Received: July 7, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1604  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 7, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

*McCall and Spero Environmental, Inc.*

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-772ARCHA.1  
Client I.D. Number: PA3  
Location: Inside Enclosure

MSE Lab I.D : I-03  
Date Received: July 7, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1630  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 7, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0042

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0042)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-772ARCHA.1  
Client I.D. Number: PA4  
Location: Inside Enclosure

MSE Lab I.D : I-04  
Date Received: July 7, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1572  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 7, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AMERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-772ARCHA.1  
Client I.D. Number: PA5  
Location: Inside Enclosure

MSE Lab I.D : I-05  
Date Received: July 7, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1643  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 7, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0042

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0042)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



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## TEM AHERA CHAIN OF CUSTODY FORM

Company:	Arch Environmental Group, Inc.	Telephone #:	(248) 426-0165	Fax #:	(248) 427-0305
Contact:	Jeff Heydanek / Steven Roach	Client Project Number:	AE220516		
Relinquished by:	Thinh Nguyen	Date:	7/6/22	Time:	3:00 PM
Written Report To:	Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335				
Project Name:	Community High School - Room 202/204				
Turn-Around Time: (Circle One)	4 Hour   6-8 Hour(same day)   24 Hour   2-3 Day   4-5 Day   Weekend Rush   After Hour Rush				

### For Laboratory Use Only

MSE Project #:	MSE-772ARCHA.1	Comments:	Induct
Samples Received by:	SD	Date:	7/7/22
Sample To Be Analyzed by:	TEM AHERA / EPA 40CFR Part 763		
Samples Prepared By:	SD	Method:	Burdett & Rood
Samples Analyzed By:	SD	Date:	7/7/22

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank (P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	10:50AM	2:10PM	200	8.090	1618
PA2	Inside Enclosure	↓	↓		8.021	1604
PA3	Inside Enclosure	↓	↓		8.149	1630
PA4	Inside Enclosure	↓	↓		7.862	1572
PA5	Inside Enclosure	↓	↓		8.217	1643
PA6	Outside Enclosure	10:50AM	1:50PM		7.840	1568
PA7	Outside Enclosure	↓	↓		8.220	1644
PA8	Outside Enclosure	↓	↓		8.200	1640
PA9	Outside Enclosure	↓	↓		8.080	1616
PA10	Outside Enclosure	↓	↓		8.190	1638

Results Transmitted/Date: \_\_\_\_\_ Fax/Phone By: \_\_\_\_\_

PLEASE EMAIL ALL REPORTS TO: labs@archenvgroup.com





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**Environmental, Inc.**

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Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: July 12, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-7122ARCHA.1  
Community High School - Rooms 215/217 Project  
ARCH# AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on July 12, 2022. These samples represent the final clearance TEM samples for the Community High School - Rooms 215/217 Project - ARCH# AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter ( $s/mm^2$ ) is  $17.7 s/mm^2$ , which is below the specified clearance level of  $70 s/mm^2$  (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.  
Director of Testing Services

## SUMMARY OF AHERA TEM RESULTS

TABLE I

### Inside Samples

Project Name: Community High School - Rooms 215/217 Project ARCH# AE220516

McCall and Spero Project No: MSE-7122ARCHA.1

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (1)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I-01	PA1	NSD	NA	1578	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-02	PA2	NSD	NA	1564	0.0044	BDL ( 0.0044 )*	BDL ( 17.7 )*
I-03	PA3	NSD	NA	1589	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-04	PA4	NSD	NA	1533	0.0045	BDL ( 0.0045 )*	BDL ( 17.7 )*
I-05	PA5	NSD	NA	1602	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
Average						0.0044	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45um

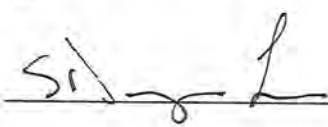
Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: 

Date: 7/12/22

*McCall and Spero Environmental, Inc.*



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7122ARCHA.1  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I-01  
Date Received: July 12, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1578  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 12, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7122ARCHA.1  
Client I.D. Number: PA2  
Location: Inside Enclosure

MSE Lab I.D : I-02  
Date Received: July 12, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1564  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 12, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0044

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0044)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7122ARCHA.1

Client I.D. Number: PA3

Location: Inside Enclosure

MSE Lab I.D : I-03

Date Received: July 12, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1589

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 12, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber

B=Bundle

C=Cluster

M=Matrix

NSD=No Structures Detected

SAED=Selected Area Electron Diffraction

EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7122ARCHA.1  
Client I.D. Number: PA4  
Location: Inside Enclosure

MSE Lab I.D : I-04  
Date Received: July 12, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1533  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 12, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0045

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0045)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7122ARCHA.1

Client I.D. Number: PA5

Location: Inside Enclosure

MSE Lab I.D : I-05

Date Received: July 12, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1602

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 12, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



**McCall and Spero**  
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## TEM AHERA CHAIN OF CUSTODY FORM

Company: <u>Arch Environmental Group, Inc.</u>	Telephone #: <u>(248) 426-0165</u>	Fax #: <u>(248) 427-0305</u>
Contact: <u>Jeff Heydanek / Steven Roach</u>	Client Project Number: <u>AE220516</u>	
Relinquished by: <u>Thinh Nguyen</u>	Date: <u>7/11/2022</u>	Time: <u>12:00 PM</u>
Written Report To: <u>Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335</u>		
Project Name: <u>Community High School - Room 215/217</u>		
Turn-Around Time: (Circle One) <u>4 Hour</u>   6-8 Hour(same day)   24 Hour   2-3 Day   4-5 Day   Weekend Rush   After Hour Rush		

For Laboratory Use Only

(\*) Please Analyze PA.1 ~ PA.5. IF they Pass, Please Stop.

MSE Project #: <u>MSE-7122ARCHA.1</u>	Comments: <u>Int-ct</u>
Samples Received by: <u>SD</u>	Date: <u>7/12/22</u> Time: <u>8:50</u>
Sample To Be Analyzed by: <u>TEM AHERA / EPA 40CFR Part 763</u>	
Samples Prepared By: <u>SD</u>	Method: <u>Burdett &amp; Rood</u>
Samples Analyzed By: <u>SD</u>	Date: <u>7/12/22</u>

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank (P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	8:30 AM	11:45 AM	195	8.090	1578
PA2	Inside Enclosure	↓	↓	↓	8.021	1564
PA3	Inside Enclosure	↓	↓	↓	8.149	1589
PA4	Inside Enclosure	↓	↓	↓	7.862	1533
PA5	Inside Enclosure	↓	↓	↓	8.217	1602
PA6	Outside Enclosure	8:00 AM	11:15 AM	↓	7.850	1531
PA7	Outside Enclosure	↓	↓	↓	8.220	1603
PA8	Outside Enclosure	↓	↓	↓	8.200	1599
PA9	Outside Enclosure	↓	↓	↓	8.080	1576
PA10	Outside Enclosure	↓	↓	↓	8.190	1597

Results Transmitted/Date: \_\_\_\_\_

Fax/Phone By: \_\_\_\_\_

PLEASE EMAIL ALL REPORTS TO: [lahs@archenvgroup.com](mailto:lahs@archenvgroup.com)





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**Environmental, Inc.**

Specialists in Microanalysis

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Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: July 21, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-7212ARCHA.1  
Community High School - Room 207 Project  
ARCH# AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on July 21, 2022. These samples represent the final clearance TEM samples for the Community High School - Room 207 Project - ARCH# AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter (s/mm<sup>2</sup>) is 17.7 s/mm<sup>2</sup>, which is below the specified clearance level of 70 s/mm<sup>2</sup> (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.  
Director of Testing Services

## SUMMARY OF AHERA TEM RESULTS

TABLE I

### Inside Samples

Project Name: Community High School - Room 207 Project - ARCH# AE220516

McCall and Spero Project No: MSE-7212ARCHA.1

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (1)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I-01	PA1	NSD	NA	1601	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-02	PA2	NSD	NA	1602	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-03	PA3	NSD	NA	1589	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-04	PA4	NSD	NA	1533	0.0045	BDL ( 0.0045 )*	BDL ( 17.7 )*
I-05	PA5	NSD	NA	1564	0.0044	BDL ( 0.0044 )*	BDL ( 17.7 )*
Average						0.0044	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45um


Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: 

Date: 7/21/22

*McCall and Spero Environmental, Inc.*



## AMERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7212ARCHA.1  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I-01  
Date Received: July 21, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1601  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 22, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7212ARCHA.1

Client I.D. Number: PA2

Location: Inside Enclosure

MSE Lab I.D : I-02

Date Received: July 21, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1602

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 22, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber

B=Bundle

C=Cluster

M=Matrix

NSD=No Structures Detected

SAED=Selected Area Electron Diffraction

EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

*McCall and Spero Environmental, Inc.*

## AMERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7212ARCHA.1  
Client I.D. Number: PA3  
Location: Inside Enclosure

MSE Lab I.D : I-03  
Date Received: July 21, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1589  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 22, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7212ARCHA.1  
Client I.D. Number: PA4  
Location: Inside Enclosure

MSE Lab I.D : I-04  
Date Received: July 21, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1533  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 22, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0045

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0045)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7212ARCHA.1  
Client I.D. Number: PA5  
Location: Inside Enclosure

MSE Lab I.D : I-05  
Date Received: July 21, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1564  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 22, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0044

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0044)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



# McCall and Spero Environmental, Inc.

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • (800) 841-0180 • FAX (502) 244-7136

E-mail: customerservice@mselabs.com • Website: www.mselabs.com

## TEM AHERA CHAIN OF CUSTODY FORM

Company: Arch Environmental Group, Inc.	Telephone #: (248) 426-0165	Fax #: (248) 427-0305
Contact: Jeff Heydanek / Steven Roach	Client Project Number: AE220516	
Relinquished by: Thinh Nguyen	Date: 7/20/2022	Time: 12:00 PM
Written Report To: Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335		
Project Name: Community High School - Room 207		
Turn-Around Time: (Circle One) 4 Hour   6-8 Hour (same day)   24 Hour   2-3 Day   4-5 Day   Weekend Rush   After Hour Rush		

For Laboratory Use Only

Read PA1-PA5, stop if passes

MSE Project #: MSE-7212ARCHA-1	Comments: Intact
Samples Received by: [Signature]	Date: 7/21/22 Time: 9:00
Sample To Be Analyzed by: TEM AHERA / EPA 40CFR Part 763	
Samples Prepared By: [Signature]	Method: Burdett & Rood
Samples Analyzed By: [Signature]	Date: 7/21/22

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank (P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	8:15 AM	11:30 AM	195	8.208	1601
PA2	Inside Enclosure	↓	↓		8.217	1602
PA3	Inside Enclosure	↓	↓		8.149	1589
PA4	Inside Enclosure	↓	↓		7.862	1583
PA5	Inside Enclosure	↓	↓		8.021	1564
PA6	Outside Enclosure	8:00 AM	11:15 AM		7.850	1581
PA7	Outside Enclosure	↓	↓		8.220	1603
PA8	Outside Enclosure	↓	↓		8.200	1599
PA9	Outside Enclosure	↓	↓		8.08	1576
PA10	Outside Enclosure	↓	↓		8.190	1597

Results Transmitted/Date:

Fax/Phone By:

PLEASE EMAIL ALL REPORTS TO: labs@archenvgroup.com





**McCall and Spero**  
**Environmental, Inc.**

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Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: July 26, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-7262ARCHA.1  
Community High School - Room 220 Project  
ARCH# AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on July 26, 2022. These samples represent the final clearance TEM samples for the Community High School - Room 220 Project - ARCH# AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter ( $s/mm^2$ ) is  $17.7 s/mm^2$ , which is below the specified clearance level of  $70 s/mm^2$  (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.  
Director of Testing Services



## SUMMARY OF AHERA TEM RESULTS

TABLE I

### Inside Samples

Project Name: Community High School - Room 220 Project ARCH# AE220516

McCall and Spero Project No: MSE-7262ARCHA.1

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (l)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I-01	PA1	NSD	NA	1601	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-02	PA2	NSD	NA	1602	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-03	PA3	NSD	NA	1589	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-04	PA4	NSD	NA	1533	0.0045	BDL ( 0.0045 )*	BDL ( 17.7 )*
I-05	PA5	NSD	NA	1564	0.0044	BDL ( 0.0044 )*	BDL ( 17.7 )*
Average						0.0044	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45um

Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: \_\_\_\_\_



Date: \_\_\_\_\_

7/26/22

*McCall and Spero Environmental, Inc.*

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA.1  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I-01  
Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1601  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA.1

Client I.D. Number: PA2

Location: Inside Enclosure

MSE Lab I.D : I-02

Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1602

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0.Number of Asbestos Structures: No Structures Detected

1.1.Chrysotile: No Structures Detected

1.2.Amphibole: No Structures Detected      Type: Not Applicable

2.0.Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0.Analytical Sensitivity (s/cc): 0.0043

4.0.Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0.Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA.1

Client I.D. Number: PA3

Location: Inside Enclosure

MSE Lab I.D : I-03

Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1589

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber B=Bundle C=Cluster M=Matrix NSD=No Structures Detected

SAED=Selected Area Electron Diffraction EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA.1

Client I.D. Number: PA4

Location: Inside Enclosure

MSE Lab I.D : I-04

Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1533

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber

B=Bundle

C=Cluster

M=Matrix

NSD=No Structures Detected

SAED=Selected Area Electron Diffraction

EDS=Energy Dispersive Spectrometry

1.0.Number of Asbestos Structures: No Structures Detected

1.1.Chrysotile: No Structures Detected

1.2.Amphibole: No Structures Detected Type: Not Applicable

2.0.Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0.Analytical Sensitivity (s/cc): 0.0045

4.0.Total Asbestos Structures (s/cc): Below Detectable Limit (0.0045)

5.0.Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA.1

Client I.D. Number: PA5

Location: Inside Enclosure

MSE Lab I.D : I-05

Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood

Filter Type: MCE

Filter Diameter: 25mm

Grid Openings Analyzed: 6

Grids Analyzed: 2

Analyst: SDL

Volume (liters) : 1564

Effective Filter Area: 385mm<sup>2</sup>

Magnification: 18,000

Mean Grid Square Area: 9400um<sup>2</sup>

Instrument Serial No: D1002

Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected

SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0.Number of Asbestos Structures: No Structures Detected

1.1.Chrysotile: No Structures Detected

1.2.Amphibole: No Structures Detected    Type: Not Applicable

2.0.Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0.Analytical Sensitivity (s/cc): 0.0044

4.0.Total Asbestos Structures (s/cc): Below Detectable Limit (0.0044)

5.0.Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



# McCall and Spero Environmental, Inc.

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## TEM AHERA CHAIN OF CUSTODY FORM

Company: Arch Environmental Group, Inc.	Telephone #: (248) 426-0165	Fax #: (248) 427-0305
Contact: Jeff Heydanek / Steven Roach	Client Project Number: AE220516	
Relinquished by: Thinh Nguyen	Date: 7/25/2022	Time: 3:00 PM
Written Report To: Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335		
Project Name: Community High School - Room 220		
Turn-Around Time: (Circle One) 4 Hour   6-8 Hour(same day)   24 Hour   2-3 Day   4-5 Day   Weekend Rush   After Hour Rush		

For Laboratory Use Only

Read PA1-5, stop if pass

MSE Project #: MSE-7262ARCHA-1	Comments: Intact
Samples Received by: [Signature]	Date: 7/26/22 Time: 8:30
Sample To Be Analyzed by: TEM AHERA / EPA 40CFR Part 763	
Samples Prepared By: [Signature]	Method: Burdett & Rood
Samples Analyzed By: [Signature]	Date: 7/26/22

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank(P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	7:55 AM	11:10 AM	195	8.208	1601
PA2	Inside Enclosure	↓	↓		8.217	1602
PA3	Inside Enclosure	↓	↓		8.149	1589
PA4	Inside Enclosure	↓	↓		7.862	1533
PA5	Inside Enclosure	↓	↓		8.021	1564
PA6	Outside Enclosure	8:00 AM	11:15 AM		7.850	1531
PA7	Outside Enclosure	↓	↓		8.220	1603
PA8	Outside Enclosure	↓	↓		8.200	1599
PA9	Outside Enclosure	↓	↓		8.080	1576
PA10	Outside Enclosure	↓	↓		8.190	1597

Results Transmitted/Date:

Fax/Phone By:

PLEASE EMAIL ALL REPORTS TO: labs@archenvgroup.com





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E-mail: [customerservice@mselabs.com](mailto:customerservice@mselabs.com) • Website: [www.mselabs.com](http://www.mselabs.com)

Date: July 26, 2022

Attention: Jeff Heydanek  
Arch Environmental Group, Inc.

Subject: Analysis of air samples for asbestos mineral fibers by  
Transmission Electron Microscopy (TEM)

RE: MSE-7262ARCHA  
Community High School - Room 222 Project  
ARCH# AE220516

Dear Mr. Heydanek:

McCall and Spero Environmental, Inc. has completed the analyses of the air samples we received from your office on July 26, 2022. These samples represent the final clearance TEM samples for the Community High School - Room 222 Project - ARCH# AE220516.

The TEM counting procedures described for the asbestos-containing materials in schools under the Asbestos Hazard Emergency Response Act (AHERA) were used during the analyses. Specifically, structures were counted in two categories: 0.5 to 5.0 micrometers in length and greater than 5 micrometers in length, which were added together for a total asbestos structure count.

The results for the five (5) samples taken inside the work area are summarized in Table I. TEM sample analysis printouts are also attached. Please note that the average number of asbestos structures per square millimeter ( $s/mm^2$ ) is  $17.7 s/mm^2$ , which is below the specified clearance level of  $70 s/mm^2$  (40CFR Part 763).

Thank you for consulting McCall and Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

S. Dewayne Lear, B.S.  
Director of Testing Services

## SUMMARY OF AHERA TEM RESULTS

TABLE I

### Inside Samples

Project Name: Community High School - Room 222 Project ARCH# AE220516

McCall and Spero Project No: MSE-7262ARCHA

MSE Lab ID	Client ID	# of Asb. Struc.	Asb. Type	Sample Vol. (1)	Calculated Analytical Sensitivity (s/cc)	Conc. (s/cc)	Conc. (s/mm <sup>2</sup> )
I-01	PA1	NSD	NA	1601	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-02	PA2	NSD	NA	1602	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-03	PA3	NSD	NA	1589	0.0043	BDL ( 0.0043 )*	BDL ( 17.7 )*
I-04	PA4	NSD	NA	1533	0.0045	BDL ( 0.0045 )*	BDL ( 17.7 )*
I-05	PA5	NSD	NA	1564	0.0044	BDL ( 0.0044 )*	BDL ( 17.7 )*
Average						0.0044	17.7

Filter Type: MCE  
Filter diameter: 25mm  
Effective filter Area: 385mm<sup>2</sup>  
Pore Size: 0.45um

Mean Grid Square Area: 0.00940mm<sup>2</sup>  
Grid Openings Analyzed Per Sample: 6  
Area Analyzed Per Sample: 0.0564mm<sup>2</sup>  
Non-Asbestos Debris: Non-Fibrous Debris

Notes: The Laboratory is not responsible for data collected by personnel who are not part of the laboratory. Results reported in both structures /cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel and are not covered by the laboratory's NVLAP accreditation.

CH = Chrysotile    A = Amosite    BDL = Below Detectable Limit  
F=Fiber    B=Bundle    C=Cluster    M=Matrix    NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction    EDS=Energy Dispersive Spectrometry  
s/mm<sup>2</sup> - asbestos structures per square millimeter  
s/cc = asbestos structures per cubic centimeter  
\* Single fiber detection limits are used when no structures are detected.  
Results apply only to the items listed.

The analysis was performed according to the TEM Method (40CFR part 763).  
This laboratory is in compliance with the specified method.

Analytical results may not be used by any party to claim product endorsement by NVLAP or any agency of the U.S. Government.

Laboratory Director: \_\_\_\_\_



Date: 7/26/22

*McCall and Spero Environmental, Inc.*



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA  
Client I.D. Number: PA1  
Location: Inside Enclosure

MSE Lab I.D : I-01  
Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1601  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA  
Client I.D. Number: PA2  
Location: Inside Enclosure

MSE Lab I.D : I-02  
Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1602  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)

## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA  
Client I.D. Number: PA3  
Location: Inside Enclosure

MSE Lab I.D : I-03  
Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1589  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0043

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0043)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AMERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA  
Client I.D. Number: PA4  
Location: Inside Enclosure

MSE Lab I.D : I-04  
Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1533  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0045

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0045)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



## AHERA TEM SAMPLE ANALYSIS

MSE Project Number : MSE-7262ARCHA  
Client I.D. Number: PA5  
Location: Inside Enclosure

MSE Lab I.D : I-05  
Date Received: July 26, 2022

### SAMPLING AND ANALYSIS PARAMETERS

Prep. Technique: Burdett & Rood  
Filter Type: MCE  
Filter Diameter: 25mm  
Grid Openings Analyzed: 6  
Grids Analyzed: 2  
Analyst: SDL

Volume (liters) : 1564  
Effective Filter Area: 385mm<sup>2</sup>  
Magnification: 18,000  
Mean Grid Square Area: 9400um<sup>2</sup>  
Instrument Serial No: D1002  
Date Analyzed: July 26, 2022

### COUNT SHEET SUMMARY

Grid Square	No. Structures	Structure Type*		Structure Size		SAED Pattern	EDS Spectra
		Chrysotile	Amphibole	0.5-5.0um	>5.0um		
1	NSD	0	0	0	0	—	—
2	NSD	0	0	0	0	—	—
3	NSD	0	0	0	0	—	—
4	NSD	0	0	0	0	—	—
5	NSD	0	0	0	0	—	—
6	NSD	0	0	0	0	—	—
Totals	NSD	0	0	0	0	—	—

#### Notes:

F=Fiber      B=Bundle      C=Cluster      M=Matrix      NSD=No Structures Detected  
SAED=Selected Area Electron Diffraction      EDS=Energy Dispersive Spectrometry

1.0. Number of Asbestos Structures: No Structures Detected

1.1. Chrysotile: No Structures Detected

1.2. Amphibole: No Structures Detected      Type: Not Applicable

2.0. Area of Filter Analyzed: 0.05640mm<sup>2</sup>

3.0. Analytical Sensitivity (s/cc): 0.0044

4.0. Total Asbestos Structures (s/cc): Below Detectable Limit (0.0044)

5.0. Total Asbestos Structures (s/mm<sup>2</sup>): Below Detectable Limit (17.7)



# McCall and Spero Environmental, Inc.

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223  
Phone (502) 244-7135 • (800) 841-0180 • FAX (502) 244-7136

E-mail: customerservice@mselabs.com • Website: www.mselabs.com

## TEM AHERA CHAIN OF CUSTODY FORM

Company: <u>Arch Environmental Group, Inc.</u>	Telephone #: <u>(248) 426-0165</u>	Fax #: <u>(248) 427-0305</u>
Contact: <u>Jeff Heydanek / Steven Roach</u>	Client Project Number: <u>AE220516</u>	
Relinquished by: <u>Thinh Nguyen</u>	Date: <u>7/25/2022</u>	Time: <u>3:00 PM</u>
Written Report To: <u>Steven Roach, 37720 Interchange Drive, Farmington Hills, Michigan 48335</u>		
Project Name: <u>Community High School - Room 222</u>		
Turn-Around Time: (Circle One) <u>4 Hour</u>   6-8 Hour(same day)   24 Hour   2-3 Day   4-5 Day   Weekend Rush   After Hour Rush		

For Laboratory Use Only

Lead PA1-5, stop if pass

MSE Project #: <u>MSE-7262ARCHA</u>	Comments: <u>Intact</u>
Samples Received by: <u>[Signature]</u>	Date: <u>7/26/22</u> Time: <u>8:30</u>
Sample To Be Analyzed by: <u>TEM AHERA / EPA 40CFR Part 763</u>	
Samples Prepared By: <u>[Signature]</u>	Method: <u>Burdett &amp; Rood</u>
Samples Analyzed By: <u>[Signature]</u>	Date: <u>7/26/22</u>

Client ID Number	Sample Location / Type (I)inside(O)outside(B)blank (P)personal(A)ambient	Start Time	Stop Time	Total Time x Liters/Minute = Volume		
FBI	Field Blank - Inside	N/A	N/A	N/A	N/A	N/A
FBO	Field Blank - Outside	N/A	N/A	N/A	N/A	N/A
FBL	Field Blank - Lab	N/A	N/A	N/A	N/A	N/A
PA1	Inside Enclosure	11:25 AM	2:40 PM	195	8.208	1601
PA2	Inside Enclosure	↓	↓		8.217	1602
PA3	Inside Enclosure	↓	↓		6.149	1589
PA4	Inside Enclosure	↓	↓		7.862	1533
PA5	Inside Enclosure	↓	↓		8.021	1564
PA6	Outside Enclosure	11:20 AM	2:35 PM		7.850	1531
PA7	Outside Enclosure	↓	↓		8.220	1603
PA8	Outside Enclosure	↓	↓		8.200	1599
PA9	Outside Enclosure	↓	↓		8.080	1576
PA10	Outside Enclosure	↓	↓	↓	8.190	1597

Results Transmitted/Date: \_\_\_\_\_ Fax/Phone By: \_\_\_\_\_

PLEASE EMAIL ALL REPORTS TO: labs@archenvgroup.com

## **APPENDIX C**

### Contractor Documentation

## **APPENDIX C1**

### **Project Notification**

# NOTIFICATION OF INTENT TO RENOVATE/DEMOLISH



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
(MDEQ) AIR QUALITY DIVISION  
NESHAP, 40 CFR Part 61, Subpart M



MICHIGAN DEPARTMENT OF LICENSING AND  
REGULATORY AFFAIRS (LARA), ASBESTOS PROGRAM,  
P.A. 135 OF 1986, AS AMENDED, Section 220 (1-4) or (8)

## 1. NOTIFICATION:

Date of Notification: 06/07/2022 Document #: 0000508950  
Date of Original: Original Document #:  
Notification Type: ☒ Original ☐ Revised ☐ Canceled

**Mark appropriate boxes: (both DEQ and LARA may apply):**

**DEQ (NESHAP) [260 ln. ft./160 sq. ft. or more is threshold]**

- ☒ Planned Renovation - 10 **working** days notice  
☐ Emergency Renovation  
☐ Scheduled Demolition - 10 **working** days notice  
☐ Intentional Burn - 10 **working** days notice  
☐ Ordered Demolition

**LARA (MIOSHA) [Will not accept annual notifications]**

- ☒ Demo, Reno, Encap. (>10 ln. ft./15 sq. ft.) 10 **calendar** days notice  
☐ Emergency Renovation/Encapsulation

**Calculate LARA Asbestos Project Fee:** (1% Project Fee) ☒ Time & material

Total Project Cost: \$0.00 x 0.01 = \$0.00

Type of Contractor: Type II License No: C2684

Licensing Authority: MIOSHA

## 4. DEMOLITION CONTRACTOR: Internal Project #:

Name:  
Mailing Address:  
City/State/Zip:  
E-mail:  
Contact: Phone:

## 5. FACILITY OWNER: Internal Project #:

Name: Ann Arbor Public Schools  
Mailing Address: 2555 S. State Street  
City/State/Zip: Ann Arbor, MI 48104  
E-mail:  
Contact: Bernie Rice Phone: 734-249-1244

## 6. FACILITY DESCRIPTION:

Facility Name: Community High School  
Location Address: 401 N. Division Street  
City/State/Zip: Ann Arbor, MI 48104  
County: Washtenaw Age: 100 years  
No. of Floors: 3 If Apt. # of units:  
Nearest Crossroad:  
Size: (sq. ft.) 55000 Floor No.: 2  
Present Use: Educational  
Prior Use: Same  
Specific Location(s) in Facility: 2nd Floor Classrooms

## 7. DISPOSAL SITE:

Name: Carleton Farms Landfill  
Location Address: 28800 Clark Rd  
City/State/Zip: New Boston, MI 48164

## 8. WASTE TRANSPORTER(S):

Name: Republic Services  
Location Address: 5400 Cogswell  
City/State/Zip: Wayne, MI 48184  
Name:  
Location Address:  
City/State/Zip:

## 9. ORDERED DEMOLITIONS: (See NESHAP regulations for definition of "Ordered Demolition.") A copy of the official Order must accompany this notification.

Gov't Agency Ordering Demo:  
Name/Title of Person Signing Order:  
Date of Order: Date Ordered to Begin:

## 2. PROJECT SCHEDULE:

- ☐ Check here if this is a multi-phased project, attach a schedule showing the start/end date of each phase.

	START DATE	END DATE
* Renovation:		
+ Asb. Removal:	06/21/2022	07/30/2022
+ Demolition:		

Encapsulation:

\* Includes setup, build enclosure, asbestos removal, demobilizing, etc.  
+Include **only** those dates you are conducting asbestos removal/demo.

**Work Schedule:** Please indicate the anticipated days of the week and work hours for the purpose of scheduling a compliance inspection.

**Days of the Week Work Hours**

Asb. Removal:	M, Tu, W, Th, F, Sa	730am-500pm
Demolition:		
Encapsulation:		

- ☐ Check here if the work hours are not the same across the days of the week or vary from day to day and attach a document with Detailed Work Hours.

## 3. ABATEMENT CONTRACTOR: Internal Project #: 22-025A

Name: Environmental Maintenance Engineers, Inc.  
Mailing Address: 25851 Trowbridge St.  
City/State/Zip: Inkster, MI 48141-2465  
E-mail: mikek@teameme.com  
Contact: Michael Kelly Phone: 313-791-2600

## 10. ASBESTOS INFORMATION

Is asbestos present? (i.e. Assumed or identified in asbestos inspection report) ☒ Yes ☐ No Will asbestos be removed prior to demolition? ☐ Yes ☐ No

**Estimate the amount of asbestos:** Include RACM (Regulated Asbestos Containing Material) to be removed, encapsulated, etc. Also include the amount and type (floor tile, roofing, etc.) of non-friable Category I and/or Category II ACM that **will not** be removed prior to demolition. (NOTE: In a demolition, cementitious ACM **cannot** remain in a structure, as it is likely to become regulated in the demolition/handling process. It **must** be removed prior to demolition. Also, all asbestos must be removed prior to an intentional burn.)

RACM/ACM  
to be removed

RACM to be  
Encapsulated

Non-friable ACM **not** removed prior to demo.  
Category I Category II

Units of Measure

				<input type="checkbox"/> Ln. Ft.	<input type="checkbox"/> Ln. M.
12000				<input checked="" type="checkbox"/> Sq. Ft.	<input type="checkbox"/> Sq. M.
				<input type="checkbox"/> Cu. Ft.*	<input type="checkbox"/> Cu. M.*

\*Volume (cubic ft./meters) should be used only if unable to measure by linear/square measure (example: asbestos has fallen off of surface).

## NOTIFICATION OF INTENT TO RENOVATE/DEMOLISH (continued)

### 11. PROJECT DESCRIPTION: Complete A) for Renovation (asbestos removal/encapsulation) or B) for Demolition:

#### A) RENOVATION: Mark all surfaces/types of RACM to be removed:

- ☐ Piping    ☐ Fittings    ☐ Boiler(s)    ☐ Tanks(s)  
☐ Beam(s)    ☐ Duct(s)    ☐ Tunnel(s)    ☐ Ceiling Tile(s)  
☐ Mag Block    ☒ Other (describe):  
 Plaster Ceilings

#### Encapsulation (for LARA): Mark surfaces/types to be encapsulated:

- ☐ Piping    ☐ Fittings    ☐ Boiler(s)    ☐ Tanks(s)  
☐ Beam(s)    ☐ Duct(s)    ☐ Tunnel(s)    ☐ Ceiling Tile(s)  
☐ Other (describe):

#### Method of removal: Describe how the asbestos will be removed:

- ☐ Glove Bag    ☒ Neg. Pressure Conf.    ☐ Cut into sections and remove    ☐ Hand Scraping  
☐ Dry Removal (please provide attachment with a description and explanation)    ☐ Other (describe):

#### B) DEMOLITION: Indicate if complete or partial demolition:

- ☐ Complete or ☐ Partial (describe part of facility to be demolished):

#### Method of Demolition: Describe the method of demolition of facility, bridge, etc.:

- ☐ Excavator or other heavy equipment    ☐ Disassembly by hand    ☐ Explosives    ☐ Other (describe):

### 12. ENGINEERING CONTROLS: Describe work practices and engineering controls used to prevent visible emissions before, during, and after removal, and until proper disposal:

- ☒ Water spray to control dust    ☒ Place in leak tight containers    ☒ Adequately wet material    ☐ Other (describe):

### 13. UNEXPECTED ASBESTOS: Describe the steps you intend to follow in the event that unexpected RACM is found or previously non-friable asbestos becomes friable (crumbled, pulverized, reduced to powder, etc.) and therefore regulated:

- ☒ Stop Work    ☒ Wet material    ☒ Contact DEQ and abatement contractor    ☒ Revise notification    ☐ Other (describe):

### 14. PROCEDURE(S) USED TO DETECT THE PRESENCE OF ASBESTOS:

A) Indicate how you determined whether or not asbestos is in the facility. If analytical sampling was used, describe method of analysis. (The determination of the presence or absence of asbestos must be made prior to submitting a renovation/demolition notification):

- ☒ All suspect materials sampled and analyzed using Polarized Light Microscopy (PLM)    ☐ Other (describe):

B) Name, address, and phone number of company performing asbestos survey: Arch Environmental Group, 248-426-0165, 37720 Interchange Drive, Farmington Hills, MI, 48336

C) Name, accreditation number of inspector, and date of inspection: Gary C. Bosh, A33379, 10/15/2019

### 15. EMERGENCY RENOVATIONS: Date/time of emergency:

Describe the sudden, unexpected event:

Explain how the event caused unsafe conditions, and/or would cause equipment damage and/or an unreasonable financial burden:

16. I certify that an individual trained in the provisions of 40 CFR Part 61, Subpart M, will be on-site during the renovation and during demolition involving RACM above the threshold and/or during an ordered demolition. Evidence that this person has completed the required training will be available for inspection at the renovation or demolition site.

Michael Kelly    06/07/2022  
 Signature of Owner or Abatement/Demolition Contractor    Date

### 17. Signature Requirements for Projects with Negative Pressure Enclosures: (required by LARA)

Per Section 221(1)(2) of P.A. 135 of 1986, as amended, clearance air monitoring is required for any asbestos abatement project involving 10 linear feet/15 square feet or more of friable material which is performed within a negative pressure enclosure. I (the building owner or lessee) have been advised by the contractor of my responsibility under Act 135 to have clearance air monitoring performed on this project.

Michael Kelly    06/07/2022    2  
 Signature of Building Owner or Lessee    Date    Signature of Asbestos Abatement Contractor Representative    Date

NOTE: It is not mandatory that a signed copy be sent to LARA unless requested.

For affected projects, this section of the notification form must be completed, signed, and made part of your records before the project begins.

### 18. I certify that the above information is correct:

Michael Kelly    06/07/2022    Michael Kelly    06/07/2022  
 Printed Name of Owner/Operator    Date    Signature of Owner/Operator    Date



## **APPENDIX C2**

### Contractor License

Contractor Number  
C2684

Expiration Date  
12/8/2022

*State of Michigan*

Department of Labor and Economic Opportunity

**Environmental Maintenance Engineers, Inc.**

has satisfactorily met the requirements of Michigan Public Act 135 of 1986,  
as amended, and is hereby recognized as a

**LICENSED ASBESTOS ABATEMENT CONTRACTOR**

**Type II (5 + employees)**

The issuance of this license does not ensure that asbestos indemnification insurance coverage has been acquired by the licensee. This license is nontransferable.

MIO 3003 (03/2019)  
Authority: Michigan Public Act 135 of 1986, as amended

155663

Environmental Maintenance Engineers, Inc.  
25851 Trowbridge Street  
Inkster, MI 48141

The Michigan Department of Labor and Economic Opportunity (LEO) has reviewed and approved your application for a Michigan Asbestos Abatement Contractors License. The License Certificate is valid for a period of one year.

The Department is requiring each licensed asbestos abatement contractor to notify the Department of any asbestos abatement project exceeding 10 linear feet or 15 square feet of friable asbestos containing material. This notification must reach the office of the Asbestos Program at least 10 days before the beginning of each project. If for any reason there are revisions or modifications to a notification, your company must notify LEO by FAX (517.284.7700), telephone, or email (asbestos@michigan.gov). If the revision is via telephone, your company must follow-up with a formal written revision.

Please be advised, your company must continue to maintain records of post-abatement air monitoring results. LEO can and may request these post asbestos abatement monitoring results periodically. Please be reminded that any additional or new employees must be accredited before they engage in any asbestos abatement activities.

To apply for renewal of this license, please submit an application no sooner than 90 days and no later than 30 days before the license expires. The Department must also be notified of any address or ownership changes. Project notifications and questions regarding your license should be directed to the Michigan Department of Labor and Economic Opportunity, MIOSHA Asbestos Program, P.O. Box 30671, Lansing, Michigan 48909, 517.284.7698.

*Dan W. Maki*

Dan W. Maki  
Safety and Health Manager



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/27/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Deborah Gale
VTC Insurance Group	PHONE (A/C, No, Ext): (248) 888-0370
37000 Grand River Ave Ste 150	FAX (A/C, No):
	E-MAIL ADDRESS: dgale@vtcins.com
	INSURER(S) AFFORDING COVERAGE
Farmington Hills MI 48335	INSURER A: Nautilus Insurance Company
	INSURER B: Charter Oak Fire Insurance
INSURED	INSURER C: Great Divide Insurance Company
Environmental Maintenance Engineers, Inc.	INSURER D:
25851 Trowbridge	INSURER E:
Inkster MI 48141	INSURER F:

## COVERAGES

CERTIFICATE NUMBER: 21-22 Liab

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X		BCP203022912	10/1/2021	10/1/2022	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			BA0135C519	10/1/2021	10/1/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			FFX203023112	10/1/2021	10/1/2022	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WCA203020812	10/1/2021	10/1/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Contractors Pollution Liab.			BCP203022912	10/1/2021	10/1/2022	Claims Made - Limit Each Claim: \$2,000,000
A	Professional Liability			BCP203022912	10/1/2021	10/1/2022	Claims Made - Limit Each Claim: \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Community and Burns Park Where required by written contract, Ann Arbor Public Schools, its officers, officials, employees, and volunteers are additional insured on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. It is understood and agreed that thirty (30) days advance notice of cancellation, non-renewal, reduction.

## CERTIFICATE HOLDER

## CANCELLATION

Finance Department  
Ann Arbor Public Schools  
2555 S. State Street  
Ann Arbor, MI 48104

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

P Williams/DGALE

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## **APPENDIX C3**

### Worker Documentation




440 Burroughs, Suite 343  
Detroit, MI 48202  
(313) 963-1433

This is to certify that  
**Bradley Altherr**  
**XXX-XX-**

Has attended and successfully completed a 40-hour/5-day course  
Which meets the Accreditation Requirements for  
**CONTRACTOR SUPERVISOR INITIAL**  
This course fulfills the requirements under TSCA Title II and is in compliance with 40 CFR 763  
and Michigan Public Act 440 of 1988 as amended

Training Dates: May 9-13, 2022  
Exam Date: May 13, 2022  
Expiration Date: May 13, 2023  
Certification Number: 4201-051322

  
Stephen Dancy  
Trainer

## State of Michigan

Department of Labor and Economic Opportunity  
Michigan Occupational Safety & Health Administration - Asbestos Program

### Asbestos Contractor/Supervisor

**Bradley F. Altherr**

DOB:



**Accreditation Number**  
**A45730**

**Expiration Date**  
**05/20/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**158985**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Bradley Altherr

Employee Name

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Infant Smoke

☒ Yes ☐ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature:

Tester Printed Name: David Silva

Date: 7/15/2022

### Approved Respirator(s):

Size: ☐ Small ☒ Medium ☒ Large

1) Brand: Honeywell

Model #: R08800

Type: 1/2 c

2) Brand: North

Model #: 7700

Type: Full c

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022

Date

Test valid for 1 year from date of test

v02018

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Bradley Altherr

Date of Examination: 5-16-22

Name of Examining Physician: Dr. Choice / Dr. Med. Coned

Name of Medical Facility: 23455 Michigan Ave

Address of Medical Facility: Dearborn MI 48124

Phone Number of Facility: 313-438-6094

In accordance with the requirements of section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☐ Use of Respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shell be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending physician, I have determined that a Chest Roentgenogram (X-Ray) ☐ was NOT necessary ☐ was necessary and performed.

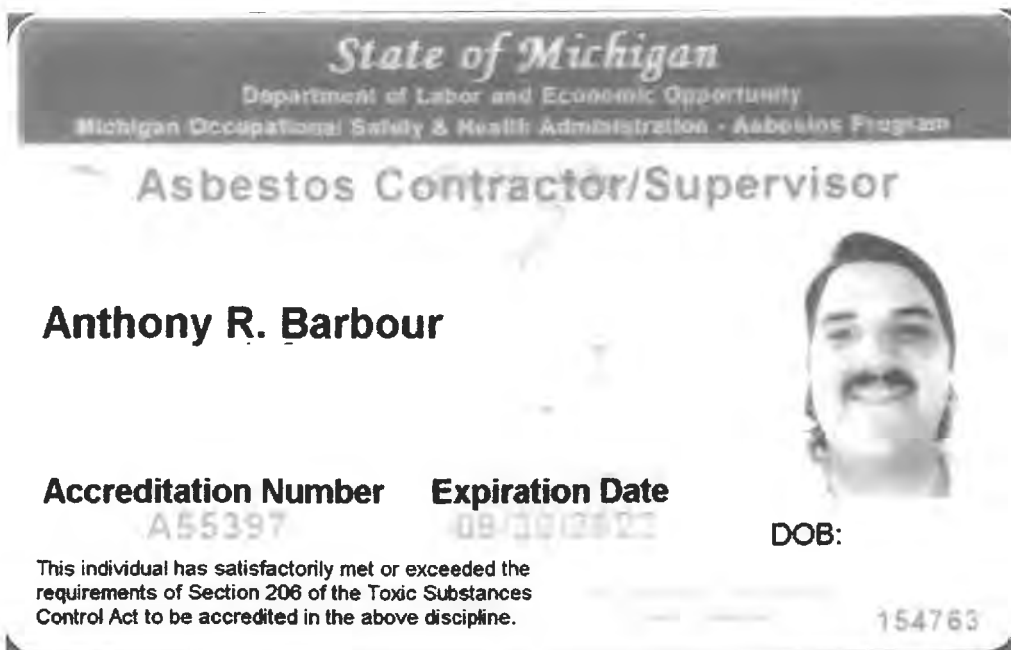
The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician

Date

5-16-22







Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2021  
Date of Test  
7/15/2022  
Expiration Date

Anthony Barbour  
Employee Name

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☐ Yes ☒ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature: David Silva

Date: 7/15/2021

Tester Printed Name: David Silva

Approved Respirator(s):

Size: ☐ Small ☒ Medium ☐ Large

1) Brand: Moxiprill/Moxair Model #: RU 8800 Type:

2) Brand:  Model #:  Type:

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2021  
Date

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Anthony Barbour  
Date of Examination: 6/15/22  
Name of Examining Physician: Dr. Paul K. Kwik Inc  
Name of Medical Facility: East Dodge Dental Care  
Address of Medical Facility: 23455 Michigan Ave  
Detroit MI, 48224  
Phone Number of Facility:

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

- ☐ Use of Respirator is conditional upon passing a respirator fit test
- ☐ Remove facial hair which interferes with respirator fit
- ☐ Do not wear contact lenses while using respirator
- ☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending Physician, I have determined that a Chest Roentgenogram (X-Ray) ☒ was NOT necessary ☐ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician

6/15/22  
Date

Certificate Number: 247038 - 31585

## ETC Training Services Group

38900 W. Huron River Drive, Romulus, MI 48174-1159

(734) 955-6600

PRESENTS

**Mario Carson**

SSN: \*\*\*-\*\*-\*\*\*\*

10761 Haverhill St, Detroit, MI 48224

with certification for having successfully completed the 8 hour/1 day which meets the requirements for

### Asbestos Contractor Supervisor Refresher Training Course

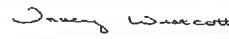
Complying with the requirements of MI Public Act 440 of 1988 as amended, OSHA 29 CFR 1926.1101 & 40 CFR Part 763 (AHERA) as required under Title II of the Toxic Substance Control Act (TSCA)

Course date: May 20, 2022

Expiration Date: May 20, 2023



Trainer



ETC President

## State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

### Asbestos Contractor/Supervisor

**Mario D. Carson**



**Accreditation Number**  
**A45731**

**Expiration Date**  
**05/23/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**159049**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.781.2800 Office • 313.701.2801 Fax  
www.teamema.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Mario Carson

Employee Name

- 1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No
- 2) Testing agent used: Irritant Smoke ☐ Yes ☒ No
- 3) Employee sensitive? ☐ Yes ☒ No
- 4) Positive - Negative facepiece to face test passed? ☐ Yes ☒ No
- 5) Qualitative Fit Test passed? ☐ Yes ☒ No

Date: 7/15/2022

Tester Signature: [Signature]

Tester Printed Name: David Silva

### Approved Respirator(s):

- Size: ☐ Small ☐ Medium ☒ Large
- 1) Brand: Henrywell Model #: R-880 Type: 1/2 can
- 2) Brand: Sk-h Model #: 7700 Type: can

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Mario Carson

Employee Signature

7/15/2022

Date

Test valid for 1 year from date of test

v62016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (j)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Mario Carson Jr

Date of Examination: \_\_\_\_\_

Name of Examining Physician: \_\_\_\_\_

Name of Medical Facility: \_\_\_\_\_

Address of Medical Facility: \_\_\_\_\_

Phone Number of Facility: \_\_\_\_\_

In accordance with the requirements of Section (j) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual: ☒ May or ☐ May NOT use a respirator while performing asbestos work
2. Recommended limitations for respirator use if any: ☒ Use of respirator is conditional upon passing a respirator fit test ☒ Remove facial hair which interferes with respirator fit ☒ Do not wear contact lenses while using respirator ☒ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece
3. The results of my examination today: ☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.
4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.
5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.
6. ☒ As attending Physician, I have determined that a Chest Roentgenogram (X-Ray) ☐ was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

[Signature] 7/15/22  
Signature of Examining Physician Date



**ENVIRONMENTAL, INC.**

*This Certifies That*

Leonard Dolland, Jr.

has successfully completed the


**Contractor/Supervisor Refresher Course**

This fulfills the requirements under TSCA Title II and is in compliance with 40 CFR 763 and Michigan Public Act 440 of 1988, as amended.

Date of Training: 05/13/2022

Date of Expiration: 05/13/2023

Certificate Number: 2595CSR0522

  
Instructor

Nova Environmental, Inc. 5300 Plymouth Road, Ann Arbor, Michigan 48105 (734) 930-0995

© GDS 746

LITHO IN U.S.A.

## *State of Michigan*

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

### **Asbestos Contractor/Supervisor**

**Leonard C. Dolland, Jr.**



**Accreditation Number**  
**A54663**

**Expiration Date**  
**05/30/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**158959**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2801 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022  
Date of Test  
7/15/2023  
Expiration Date

Lenard Dolland

Employee Name

1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No

2) Testing agent used: Irritant Smoke ☐ Yes ☒ No

3) Employee sensitive? ☐ Yes ☒ No

4) Positive - Negative facepiece to face test passed? ☐ Yes ☒ No

5) Qualitative Fit Test passed? ☐ Yes ☒ No

Tester Signature: [Signature]

Tester Printed Name: David Silva

Date: 7/15/2022

### Approved Respirator(s):

Size: ☐ Small ☐ Medium ☐ Large

1) Brand: Honeywell Model #: R6800 Type: P2

2) Brand: MSA Model #: 7700 Type: C11

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

[Signature]

Employee Signature

7/15/2022  
Date

Test valid for 1 year from date of test

v62016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Lenard Dolland

Date of Examination: 5/12/22

Name of Examining Physician: Michael A. Hassan

Name of Medical Facility: FLUC

Address of Medical Facility: 2345 S. M. Ave. DBN

Phone Number of Facility: 48124

313 438 6014

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☐ May or ☒ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☐ Use of respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending Physician, I have determined that a Chest Roentgenogram (X-Ray) ☐ was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

5/12/22

Date

Signature of Examining Physician





© GOES 746

11710 0011 1/1



## Asbestos Contractor/Supervisor

**Christopher E. Gibson**



**Accreditation Number**    **Expiration Date**  
A37296    12/12/2022

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

54761



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office • 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Christopher Gibson

Employee Name

1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No

2) Testing agent used: Irritant Smoke ☐ Yes ☒ No

3) Employee sensitive? ☐ Yes ☒ No

4) Positive - Negative facepiece to face test passed? ☐ Yes ☒ No

5) Qualitative Fit Test passed? ☐ Yes ☒ No

Tester Signature:

Date: 7/15/2022

Tester Printed Name: David Silva

### Approved Respirator(s):

Size: ☐ Small ☒ Medium ☒ Large

1) Brand: Honeywell/White Model #: R6800 Type: 1/2 Can

2) Brand: N95 Model #: C Type: Full Can

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022

Date

Test valid for 1 year from date of test

v62016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Christopher Gibson

Date of Examination: 4-22-22

Name of Examining Physician: D. Hassen MD

Name of Medical Facility: First Choice / DocMed Connect

Address of Medical Facility: 23455 Michigan Ave

Phone Number of Facility: Dearborn MI 48124

313-438-6094

In accordance with the requirements of Section (i) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☐ Use of respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with this shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending Physician, I have determined that a Chest Roentgenogram (X-Ray) ☒ was NOT necessary ☐ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician

Date

4-20-22

Certificate Number: 247038 - 31583

## ETC Training Services Group

38900 W. Huron River Drive, Romulus, MI 48174-1159

(734) 955-6600

PRESENTS

**Anthony Gillow**

SSN: \*\*\*-\*\*-\*\*\*\*

33148 Pierce Road, Garden City, MI 48135

with certification for having successfully completed the 8 hour/1 day which meets the requirements for

### Asbestos Contractor Supervisor Refresher Training Course

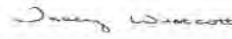
Complying with the requirements of MI Public Act 440 of 1988 as amended, OSHA 29 CFR 1926.1101 & 40 CFR Part 763 (AHERA) as required under Title II of the Toxic Substance Control Act (TSCA)

Course date: May 20, 2022

Expiration Date: May 20, 2023



Trainer



ETC President

## State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

### Asbestos Contractor/Supervisor

**Anthony V. Gillow**

**Accreditation Number**  
**A38685**

**Expiration Date**  
**06/03/2023**



**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**159047**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2801 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Anthony Gillow

Employee Name

1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No

2) Testing agent used: Irritant Smoke ☐ Yes ☒ No

3) Employee sensitive? ☐ Yes ☒ No

4) Positive - Negative facepiece to face test passed? ☐ Yes ☒ No

5) Qualitative Fit Test passed? ☐ Yes ☒ No

Tester Signature:

Date: 7/15/2022

Tester Printed Name: David Silva

### Approved Respirator(s):

Size: ☐ Small ☐ Medium ☐ Large

1) Brand: Alcatraz Model #: 7210 Type: Full SCBA

2) Brand: \_\_\_\_\_ Model #: \_\_\_\_\_ Type: \_\_\_\_\_

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022

Date

v82016

Test valid for 1 year from date of test

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Anthony Gillow

Date of Examination: 12-30-21

Name of Examining Physician: Dr. Myra H. Harrison

Name of Medical Facility: PCU

Address of Medical Facility: \_\_\_\_\_

Phone Number of Facility: \_\_\_\_\_

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: [the physician must check a box for each statement below]

1. Based on the results of the medical examination, I have determined this individual:

☐ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

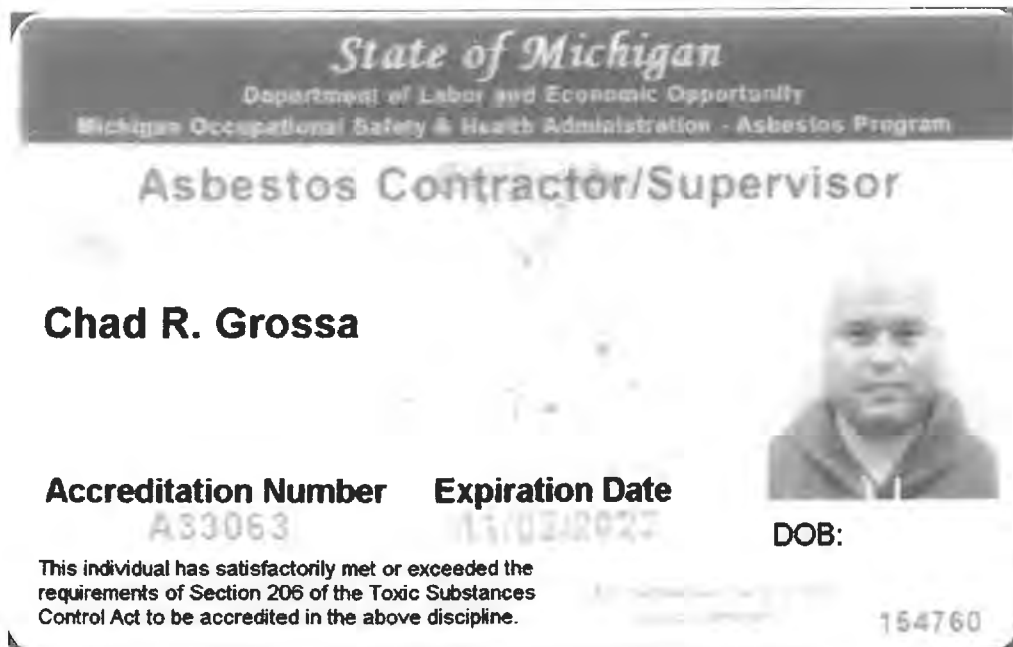
6. As attending physician, I have determined that a Chest Roentgenogram (X-Ray) ☒ was NOT necessary \_\_\_\_\_ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion of interpretation of any additional testing performed during the examination.

Signature of Examining Physician

Date

12/30/21





Environmental Maintenance Engineers, Inc.  
25851 Troubridge St., Inkster, MI 48141  
313.791.2800 Office - 313.701.2801 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

**Chad Grossa**

Employee Name

1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No

2) Testing agent used: Irritant Smoke ☒ Yes ☐ No

3) Employee sensitive? ☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed? ☒ Yes ☐ No

5) Qualitative Fit Test passed? ☒ Yes ☐ No

Tester Signature: [Signature]

Date: 7/15/2022

Tester Printed Name: David Silva

### Approved Respirator(s):

Size: ☐ Small ☐ Medium ☒ Large

1) Brand: Mohr Model #: 7700 Type: 1/2 G

2) Brand: \_\_\_\_\_ Model #: \_\_\_\_\_ Type: \_\_\_\_\_

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

[Signature]

7/15/2022

Date

Employee Signature

v62016

Test valid for 1 year from date of test

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Chad Grossa

Date of Examination: 10.21.21

Name of Examining Physician: A. Hassan, MD

Name of Medical Facility: 1st Choice

Address of Medical Facility: 31450 Ford Rd

Gooden City, MI 48135

Phone Number of Facility: 734.333.8001

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of Respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending Physician, I have determined that a Chest fluorogram (X-Ray) ☐ was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

[Signature]

Signature of Examining Physician

Date

10/24/21



# Juneau Property Maintenance

870 Capitol Ave., Lincoln Park, Michigan 48146 (313) 383-1468

## Nathaniel Hill

XXX-XX-

Has successfully completed a Michigan and EPA approved course in accordance with Title II of the Toxic Substance Control Act, 40 CFR 763 (AHERA) as amended 1994, MI P.A. 440 of 1988 as amended and 40 CFR Part 61 (NESHAP Revision).

**FOR:  
EIGHT (8) - HOUR REFRESHER ASBESTOS ABATEMENT TRAINING FOR  
CONTRACTORS AND SUPERVISORS**

Course Dates: November 28, 2021

Certificate Number: CSR-2021 0266

Expiration Date: November 28, 2022

*Jim Watts*

Training Location: 870 Capitol Ave., Lincoln Park, MI

Jim Watts, Instructor

### State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

## Asbestos Contractor/Supervisor

**Nathaniel N. Hill**

**Accreditation Number**  
A30676

**Expiration Date**  
03/11/2023

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

156179



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Nathaniel Hill

Employee Name

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☐ Yes ☒ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature:

Date: 7/15/2022

Tester Printed Name:

David Silva

### Approved Respirator(s):

Size:

☐ Small

☒ Medium

☒ Large

1) Brand: Honeywell / Aesth

Model #: RU R300

Type: 1/2 Face

2) Brand:

Model #:

Type:

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had an opportunity to wear and fit-test the respirator(s) I use.

*Nathaniel Hill*

Employee Signature

7/15/2022

Date

Test valid for 1 year from date of test

v02016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Nathaniel Hill

Date of Examination: 8/19/2021

Name of Examining Physician: L. Robinson, MD

Name of Medical Facility: 1st Choice Urgent Care

Address of Medical Facility: 31450 Ford Rd

Phone Number of Facility: Garden City, MI 48135

734-333-8001

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of Respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

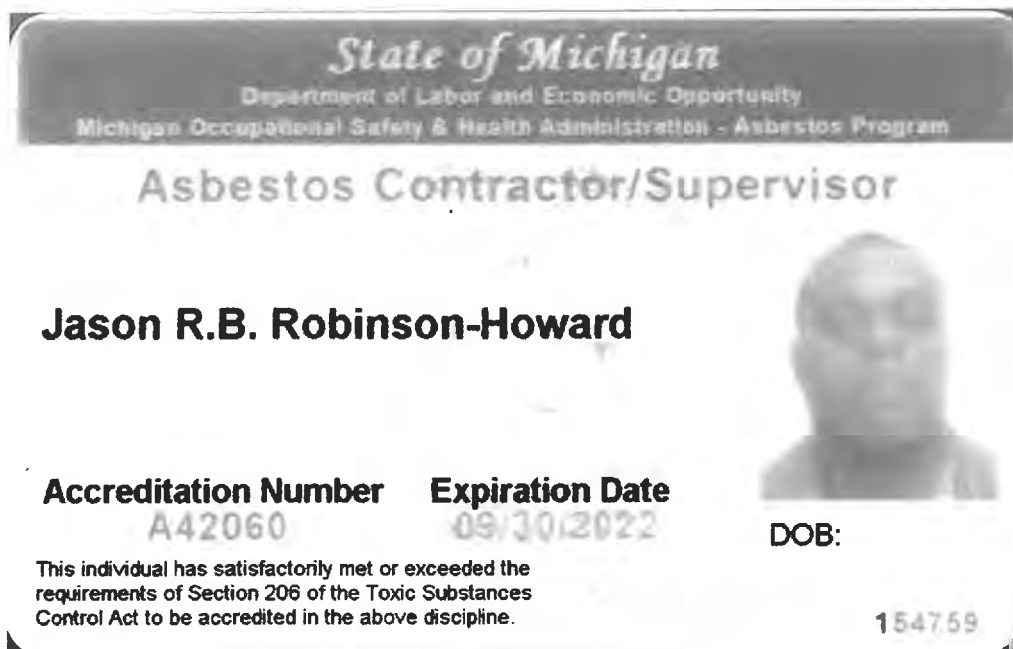
6. As attending Physician, I have determined that a Chest Roentgenogram (X-Ray) ☐ was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician

8/19/2021

Date





Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2800 Office - 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Jason Robinson-Howard

Employee Name

1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No

2) Testing agent used: Irritant Smoke ☐ Yes ☒ No

3) Employee sensitive? ☐ Yes ☒ No

4) Positive - Negative facemask to face test passed? ☐ Yes ☒ No

5) Qualitative Fit Test passed? ☐ Yes ☒ No

Tester Signature:

Tester Printed Name: David Silva

Date: 7/15/2022

### Approved Respirator(s):

Size: ☐ Small ☐ Medium ☐ Large

1) Brand: Honeywell Model #: R0 8500 Type: 1/2 face

2) Brand: Mervin Model #: 7200 Type: Full face

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022

Date

Test valid for 1 year from date of test

v02016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Jason Robinson-Howard

Date of Examination: 10.19.21

Name of Examining Physician: Dr. Choice / Dr. Conrad Conrad

Name of Medical Facility: ZSUSSE Medical Group

Address of Medical Facility: 1000 W. 14th St.

Phone Number of Facility: 734.447.5243

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of Respirator is conditional upon passing a respirator fit test

☒ Remove facial hair which interferes with respirator fit

☒ Do not wear contact lenses while using respirator

☒ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending physician, I have determined that a Chest Roentgenogram (X-Ray) was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician

Date

10-19-21



**ENVIRONMENTAL, INC.**

*This Certifies That*

Matthew Kelly

has successfully completed the

**Contractor/Supervisor Refresher Course**

This fulfills the requirements under TSCA Title II and is in compliance with 40 CFR 763 and Michigan Public Act 440 of 1988, as amended.

Date of Training: 05/13/2022

Date of Expiration: 05/13/2023

Certificate Number: 6069CSR0522

Instructor

Nova Environmental, Inc. 5300 Plymouth Road, Ann Arbor, Michigan 48105 (734) 930-0995

© GOES 746

LITHO IN U.S.A.

## *State of Michigan*

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

### **Asbestos Contractor/Supervisor**

**Matthew L. Kelly**



**Accreditation Number**  
**A34636**

**Expiration Date**  
**07/28/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**158964**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2800 Office - 313.701.2801 Fax  
www.teameme.com

## Qualitative Fit Testing Record

**Matthew Kelly**

Employee Name

7/15/2022

Date of Test

7/15/2023

Expiration Date

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☐ Yes ☒ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature:

Date: 7/15/2022

Tester Printed Name:

David Silva

Approved Respirator(s):

Size: ☐ Small ☐ Medium ☐ Large

1) Brand: Honeywell *Safe* Model #: *RJ8800* Type: *1/2 Rm*

2) Brand: *Marta* Model #: *7700* Type: *2.1 Rm*

Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

*Matthew Kelly*  
Employee Signature

7/15/2022  
Date

v02018

Test valid for 1 year from date of test

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: *Matthew Kelly*

Date of Examination: *10/1/21*

Name of Examining Physician: \_\_\_\_\_

Name of Medical Facility: \_\_\_\_\_

Address of Medical Facility: \_\_\_\_\_

Phone Number of Facility: \_\_\_\_\_

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:
  - ☒ May or ☐ May NOT use a respirator while performing asbestos work
2. Recommended limitations for respirator use, if any:
  - ☒ Use of Respirator is conditional upon passing a respirator fit test
  - ☒ Remove facial hair which interferes with respirator fit
  - ☒ Do not wear contact lenses while using respirator
  - ☒ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece
3. The results of my examination today:
  - ☐ I have or ☒ have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.
4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.
5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.
6. As attending Physician, I have determined that a Chest Roentgenogram (X-ray) ☒ was NOT necessary \_\_\_\_\_ was necessary and performed.

The complete medical examination report on the above named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

*Matthew Kelly*  
Signature of Examining Physician

*10-1-21*  
Date



Training was conducted in accordance with the requirement of;

-Title II of the Toxic Substance Control Act,

-40 CFR Part 763 (AHERA) -as amended 1994, MI P.A. 440 of 1988

As amended and 40 CFR Part 61 (NESHAP Revision)

Certificate No. CSI 403022

Training Location: 18407 Weaver St

Detroit, MI 48228



## ENGINEERING ABATEMENT SYSTEMS INC

42664 ELIZABETH PLACE, CLINTON TWP. MI. 48038 (313) 549-0067

Certifies that: **DYLAN M. MEXICOTTE**

SSN:

DATED: April 30, 2022

Has met the attendance requirements and successfully completed an examination of the

### **EIGHT (8) HOUR REFRESHER ASBESTOS ABATEMENT TRAINING FOR CONTRACTORS AND SUPERVISORS**

Expiration Date: 4/30/23

PRIMARY INSTRUCTOR

Exam Passed On: 4/30/22 (greater than or equal to 70%)-

## State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program



### **Asbestos Contractor/Supervisor**

**Dylan Mexicotte**



**Accreditation Number**  
**A57208**

**Expiration Date**  
**05/09/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered.

**158788**



Environmental Maintenance Engineers, Inc.  
25851 Troubridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test  
7/15/2023  
Expiration Date

Dylan Mexicotte

Employee Name

1) Have you had any respiratory problems in the last week?

2) Testing agent used: Irritant Smoke

3) Employee sensitive?

4) Positive - Negative facepiece to face test passed?

5) Qualitative Fit Test passed?

☐ Yes ☒ No  
☒ Yes ☐ No  
☒ Yes ☐ No  
☒ Yes ☐ No  
☒ Yes ☐ No

Tester Signature:

Tester Printed Name: David Silva

Date: 7/15/2022

Approved Respirator(s):

Size: ☐ Small ☐ Medium ☐ Large

1) Brand: Mexicotte Model #: 72000 Type: Full Face

2) Brand: \_\_\_\_\_ Model #: \_\_\_\_\_ Type: \_\_\_\_\_

Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Dylan Mexicotte

Employee Signature

7/15/2022  
Date

Test valid for 1 year from date of test

v2016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual:

Dylan Mexicotte

Date of Examination:

4/27/22

Name of Examining Physician:

At. Reyes / At. Hesson

Name of Medical Facility:

First Choice

Address of Medical Facility:

2345 N. Ave

Phone Number of Facility:

713 433 6094

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of Respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☐ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending physician, I have determined that a Chest Roentgenogram (X-Ray) ☒ was NOT necessary ☐ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

At. Hesson

Signature of Examining Physician

Date

4/27/22

Certificate Number: 238949 - 30278

## ETC Training Services Group

38900 W. Huron River Drive, Romulus, MI 48174-1159

(734) 955-6600

PRESENTS

*Gregory Nagle*

SSN: \*\*\*-\*\*-\*\*\*\*

with certification for having successfully completed the 8 hour/1 day which meets the requirements for

### Asbestos Contractor Supervisor Refresher Training Course


Complying with the requirements of MI Public Act 440 of 1988 as amended, OSHA 29 CFR 1926.1101 & 40 CFR Part 763 (AHERA) as required under Title II of the Toxic Substance Control Act (TSCA)

Course date: August 13, 2021

Expiration Date: August 13, 2022



Trainer



ETC President

## State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

### Asbestos Contractor/Supervisor

**Gregory O. Nagle**



**Accreditation Number**

A47962

**Expiration Date**

09/22/2022

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

ALL INFORMATION IS PUBLIC RECORD  
UNLESS OTHERWISE NOTED

154302



Environmental Maintenance Engineers, Inc.  
25851 Troubridge St., Inkster, MI 48141  
313.791.2800 Office - 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022  
Date of Test  
7/15/2023  
Expiration Date

**Gregory Nagle**  
Employee Name

1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No

2) Testing agent used: Irritant Smoke ☒ Yes ☐ No

3) Employee sensitive? ☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed? ☒ Yes ☐ No

5) Qualitative Fit Test passed? ☒ Yes ☐ No

Tester Signature: [Signature]

Tester Printed Name: David Silva Date: 7/15/2022

### Approved Respirator(s):

Size: ☐ Small ☐ Medium ☐ Large

1) Brand: Respyr Model #: Respyr Type: Full

2) Brand: Respyr Model #: Respyr Type: Full

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

[Signature]  
Employee Signature

7/15/2022  
Date

v62016

Test valid for 1 year from date of test

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Gregory Nagle  
Date of Examination: 8/25/2021  
Name of Examining Physician: L. Robinson, MD  
Name of Medical Facility: 1st Choice Urgent Care  
Address of Medical Facility: 31450 Ford Rd  
Garden City, MI 48135  
Phone Number of Facility: 734-333-8001

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of Respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending Physician, I have determined that a Chest Roentgenogram (X-Ray) ☐ was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

8/25/2021

Date

[Signature]  
Signature of Examining Physician

# Juneau Property Maintenance

870 Capitol Ave., Lincoln Park, Michigan 48146 (313) 383-1468

## Shane Niblock

XXX-XX-

Has successfully completed a Michigan and EPA approved course in accordance with Title II of the Toxic Substance Control Act, 40 CFR 763 (AHERA) as amended 1994, MI P.A. 440 of 1988 as amended and 40 CFR Part 61 (NESHAP Revision).

**FOR:  
EIGHT (8) - HOUR REFRESHER ASBESTOS ABATEMENT TRAINING FOR  
CONTRACTORS AND SUPERVISORS**

Course Dates: October 24, 2021

Certificate Number: CSR-2021 0240

Expiration Date: October 24, 2022

*Jim Watts*

Training Location: 870 Capitol Ave., Lincoln Park, MI

Jim Watts, Instructor

### State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

## Asbestos Contractor/Supervisor

**Shane W. Niblock**



**Accreditation Number**

**A43597**

**Expiration Date**

**12/18/2022**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**155353**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2601 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022  
Date of Test  
7/15/2023  
Expiration Date

Shane Niblock

Employee Name

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☒ Yes ☐ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature:

Date: 7/15/2022

Tester Printed Name:

David Silva

Approved Respirator(s):

Size: ☐ Small ☐ Medium ☒ Large

1) Brand: M-1 Model #: 7700 Type: 1/2 ft

2) Brand: M-1 Model #: 7700 Type: Full

Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022  
Date

Test valid for 1 year from date of test

v62016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Shane Niblock  
Date of Examination: 6/28/2022  
Name of Examining Physician: A. Hassan, MD  
Name of Medical Facility: 1st Choice/OccMed Connect  
Address of Medical Facility: 23455 Michigan Ave  
Dearborn, MI 48124  
Phone Number of Facility: 313-438-6094

In accordance with the requirements of Section (i) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:  
☒ May or ☐ May NOT use a respirator while performing asbestos work
2. Recommended limitations for respirator use if any:  
☒ Use of Respirator is conditional upon passing a respirator fit test  
☐ Remove facial hair which interferes with respirator fit  
☐ Do not wear contact lenses while using respirator  
☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece
3. The results of my examination today:  
☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos
4. ☒ HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.
5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.
6. As attending physician, I have determined that a Chest Roentgenogram (X-Ray) ☐ was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

7-2-2022

Date

Signature of Examining Physician





*State of Michigan*  
Department of Labor and Economic Opportunity  
Michigan Occupational Safety & Health Administration - Asbestos Program

**Asbestos Contractor/Supervisor**

**Andrew A. Ptak**



**Accreditation Number**  
**A25587**

**Expiration Date**  
**06/16/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 208 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**158961**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2800 Office - 313.701.2801 Fax  
www.emengine.com

## Qualitative Fit Testing Record

Andrew Ptak

Employee Name

7/15/2022

Date of Test

7/15/2023

Expiration Date

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☐ Yes ☒ No

3) Employee sensitive?

☐ Yes ☒ No

4) Positive - Negative facepiece to face test passed?

☐ Yes ☒ No

5) Qualitative Fit Test passed?

☐ Yes ☒ No

Tester Signature: David Silva

Date: 7/15/2022

Tester Printed Name: David Silva

### Approved Respirator(s):

Size: ☐ Small ☒ Medium ☒ Large

1) Brand: Thermax

Model #: 6000

Type: 1/2 face

2) Brand: Mohr

Model #: 7700

Type: Full face

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Andrew Ptak

Employee Signature

7/15/2022

Date

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Andrew Ptak

Date of Examination: 6-21-22

Name of Examining Physician:

Name of Medical Facility: 1st Choice Medical Center

Address of Medical Facility: 23455 Michigan Ave

Phone Number of Facility: Dearborn MI 48124

Phone Number of Facility: 313.438.6054

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of Respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending physician, I have determined that a Chest Roentgenogram (X-Ray) ☒ was NOT necessary ☐ was necessary and performed.

The complete medical examination report on the above named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination

Dr. [Signature]  
Signature of Examining Physician

6/21/22  
Date

# Juneau Property Maintenance

870 Capitol Ave., Lincoln Park, Michigan 48146 (313) 383-1468

## Thomas Ptak

XXX-XX-

Has successfully completed a Michigan and EPA approved course in accordance with Title II of the Toxic Substance Control Act, 40 CFR 763 (AHERA) as amended 1994, MI P.A. 440 Of 1988 as amended and 40 CFR Part 61 (NESHAP Revision).

**FOR:  
EIGHT (8) - HOUR REFRESHER ASBESTOS ABATEMENT TRAINING FOR  
CONTRACTORS AND SUPERVISORS**

Course Dates: October 17, 2021

Certificate Number: CSR-2021 0238

Expiration Date: October 17, 2022

Training Location: 870 Capitol Ave., Lincoln Park, MI

*Jim Watts*

Jim Watts, Instructor

*State of Michigan*

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

**Asbestos Contractor/Supervisor**

**Thomas L. Ptak**



**Accreditation Number**

A16288

**Expiration Date**

01/15/2023

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

155168



Environmental Maintenance Engineers, Inc.  
25851 Troubridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2601 Fax  
www.teamems.com

## Qualitative Fit Testing Record

Thomas Ptak

Employee Name

7/15/2022

Date of Test

7/15/2023

Expiration Date

1) Have you had any respiratory problems in the last week? ☐ Yes ☒ No

2) Testing agent used: Irritant Smoke ☐ Yes ☒ No

3) Employee sensitive? ☐ Yes ☒ No

4) Positive - Negative facepiece to face test passed? ☐ Yes ☒ No

5) Qualitative Fit Test passed? ☐ Yes ☒ No

Tester Signature:

Tester Printed Name: David Silva

Date: 7/15/2022

### Approved Respirator(s):

Size: ☐ Small ☐ Medium ☐ Large

1) Brand: Honeywell Model #: RA 8800 Type: 1/2 Face

2) Brand: Model #: Type:

### Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022  
Date

Test valid for 1 year from date of test

v62016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Thomas Ptak

Date of Examination: 6/17/22

Name of Examining Physician: Emily Leach PA

Name of Medical Facility: IS+Dance PC

Address of Medical Facility: 3150 Ford Rd

City/State/Zip: Garden City, NC 27529

Phone Number of Facility: 734.333.8811

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or ☐ May NOT use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☐ Use of Respirator is conditional upon passing a respirator fit test

☐ Remove facial hair which interferes with respirator fit

☐ Do not wear contact lenses while using respirator

☐ Corrective lenses worn with this shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☐ Have or ☐ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending Physician, I have determined that a Chest Roentgenogram (X-ray) was NOT necessary was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician: Emily Leach  
Date: 6/17/22



**ENVIRONMENTAL, INC.**

*This Certifies That*

Erik Richardson

has successfully completed the

**Contractor/Supervisor Refresher Course**

This fulfills the requirements under TSCA Title II and is in compliance with 40 CFR 763 and Michigan Public Act 440 of 1988, as amended.

Date of Training: 05/13/2022

Date of Expiration: 05/13/2023

Certificate Number: 9976CSR0522

Instructor

Nova Environmental, Inc. 5300 Plymouth Road, Ann Arbor, Michigan 48105 (734) 930-0995

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## *State of Michigan*

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

### **Asbestos Contractor/Supervisor**

**Erik GW Richardson**



**Accreditation Number**  
**A52387**

**Expiration Date**  
**06/05/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is  
valid altered

**158960**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 Office - 313.701.2601 Fax  
www.leanme.com

## Qualitative Fit Testing Record

**Erik Richardson**

Employee Name

7/15/2022

Date of Test

7/15/2023

Expiration Date

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☐ Yes ☒ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature: [Signature]

Date: 7/15/2022

Tester Printed Name: David Silva

Approved Respirator(s):

Size: ☐ Small ☐ Medium ☒ Large

1) Brand: Nr h Model #: 7700 Type: Full face

2) Brand: haysell Model #: RJ 8800 Type: 1/2 face

Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

[Signature]

Employee Signature

7/15/2022

Date

Test valid for 1 year from date of test

ver2016

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual: Erick Richardson

Date of Examination: 12.3.21

Name of Examining Physician: A. Hossain MD

Name of Medical Facility: 1st Choice - New

Address of Medical Facility: 23455 Michigan Ave

Phone Number of Facility: Detroit MI 48124

Phone Number of Facility: 734.333.8001

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:
  - ☒ May or ☐ May NOT use a respirator while performing asbestos work
2. Recommended limitations for respirator use if any:
  - ☒ Use of Respirator is conditional upon passing a respirator fit test
  - ☐ Remove facial hair which interferes with respirator fit
  - ☐ Do not wear contact lenses while using respirator
  - ☐ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:
 

- Have or ☒ Have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos

4. ☒ I HAVE informed the above named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending physician, I have determined that a Chest Roentgenogram (X-Ray) ☒ was NOT necessary ☐ was necessary and performed

The complete medical examination report on the above named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination

12/3/21

Date

Signature of Examining Physician



# Juneau Property Maintenance

870 Capitol Ave., Lincoln Park, Michigan 48146 (313) 383-1468

## Chris Treglown

XXX-XX

Has successfully completed a Michigan and EPA approved course in accordance with Title II of the Toxic Substance Control Act, 40 CFR 763 (AHERA) as amended 1994, MI P.A. 440 of 1988 as amended and 40 CFR Part 61 (NESHAP Revision).

FOR:

**EIGHT (8) - HOUR REFRESHER ASBESTOS ABATEMENT TRAINING FOR WORKERS**

Course Dates: October 30, 2021

Certificate Number: WR-2021 00028

Expiration Date: October 30, 2022

### Jim Watts

Jim Watts, Instructor

Training Location: 870 Capitol Ave; Lincoln Park, MI

## State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

### Asbestos Abatement Worker



**Christopher D. Treglown**



**Accreditation Number**  
A36314

**Expiration Date**  
01/29/2023

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

155485



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.781.2800 Office • 313.701.2801 Fax  
www.teameme.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Christopher Treglown

Employee Name

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☒ Yes ☐ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature:

Date: 7/15/2022

Tester Printed Name:

David Silva

Approved Respirator(s):

Size: ☐ Small ☐ Medium ☒ Large

1) Brand: Mirra

Model #: 7700

Type: 1/2 hr

2) Brand: Mirra

Model #: 7700

Type: Full face

Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022

Date

v62016

Test valid for 1 year from date of test

## OSHA Physician Written Opinion for Asbestos Medical Surveillance In accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of Individual:

Christopher Treglown

Date of Examination:

1-12-22

Name of Examining Physician:

M. Nehme

Name of Medical Facility:

1st Choice - Dearborn

Address of Medical Facility:

23455 Michigan Ave

Dearborn, MI 48135

Phone Number of Facility:

313-438-6094

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

3. Based on the results of the medical examination, I have determined this individual:

☒ May or may not use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of respirator is conditional upon passing a respirator fit test

☒ Remove facial hair which interferes with respirator fit

☒ Do not wear contact lenses while using respirator

☒ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☒ Have or have not detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. ☒ As attending physician, I have determined that a Chest Roentgenogram (X-ray) was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician

1-12-22

Date



CHC Training  
Environmental Compliance Certification Experts

www.chctraining.com  
303.412.6360  
855.60.CERTIFY

1775 W. 55th Avenue  
Denver, Colorado 80221  
United States of America

## CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

**KEVIN J. UTLEY**

In recognition of satisfactory completion of the EPA-approved annual asbestos refresher training provided according to AHERA Section 206 Title II of the Toxic Substance Control Act (TSCA). This course is in compliance with 40 CFR 763 and Michigan Public Act 440 of 1998, as amended, and is entitled:

**WORKER - ENGLISH**

COURSE COMPLETION:	MAY 16, 2022
EXAMINATION DATE:	MAY 16, 2022
EXPIRATION DATE:	MAY 16, 2023
COURSE HOURS:	8.0



Verify this Certificate

*Danaya N. Wilson*  
CEO & Training Program Manager

Credential License ID:  
51310223



*Aaron Hix*  
Instructor

CHC Training Certificate No.  
R22-0515-AW-O-MI



Renew this Certificate

### State of Michigan

Department of Labor and Economic Opportunity

Michigan Occupational Safety & Health Administration - Asbestos Program

## Asbestos Abatement Worker

**Kevin J. Utley**



**Accreditation Number**  
**A43010**

**Expiration Date**  
**07/15/2023**

**DOB:**

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not  
valid if altered

**158982**



Environmental Maintenance Engineers, Inc.  
25851 Trowbridge St., Inkster, MI 48141  
313.791.2800 Office - 313.701.2801 Fax  
www.teamemo.com

## Qualitative Fit Testing Record

7/15/2022

Date of Test

7/15/2023

Expiration Date

Kevin Utley

Employee Name

1) Have you had any respiratory problems in the last week?

☐ Yes ☒ No

2) Testing agent used: Irritant Smoke

☒ Yes ☐ No

3) Employee sensitive?

☒ Yes ☐ No

4) Positive - Negative facepiece to face test passed?

☒ Yes ☐ No

5) Qualitative Fit Test passed?

☒ Yes ☐ No

Tester Signature:

Date: 7/15/2022

Tester Printed Name:

David Silva

Approved Respirator(s):

Size: ☐ Small ☒ Medium ☐ Large

1) Brand: Molt

Model #: 7700

Type: 1/2 Can

2) Brand: Molt

Model #: 7700

Type: Full Can

Respiratory Protection Training Program:

Before signing, be sure you understand each of the following items:

- 1) Explanation of the ramifications of misuse
- 2) Why the particular respirator was selected
- 3) Limitations of the selected respirator
- 4) Putting on the respirator
- 5) Wearing the respirator
- 6) Maintenance of the respirator
- 7) Recognize & handling emergency situations
- 8) Inspecting the respirator
- 9) Use of air purifying respirator
- 10) Purpose of medical evaluation
- 11) Proper fit-testing techniques

I understand the use, care and inspection of the respirator(s) I may use.  
I have had the opportunity to wear and fit-test the respirator(s) I use.

Employee Signature

7/15/2022

Date

ve2016

Test valid for 1 year from date of test

## OSHA Physician Written Opinion for Asbestos Medical Surveillance in accordance with CFR Part 1910.1001 (1)(7)

The following individual has been examined in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard, 29 CFR 1910.1001:

Name of individual: KEVIN UTLEY

Date of Examination: 7/28/2022

Name of Examining Physician:

ALI HASSAN, MD/IM NEHME

Name of Medical Facility:

1ST CHOICE URGENT CARE

Address of Medical Facility:

23455 MICHIGAN AVE, DEARBORN, MI 48124

Phone Number of Facility:

734-333-8001

In accordance with the requirements of Section (f) of the OSHA Asbestos standard, 29 CFR 1910.1001, the examining physician will provide the employer with a written opinion which shall contain the following: (the physician must check a box for each statement below)

1. Based on the results of the medical examination, I have determined this individual:

☒ May or may not use a respirator while performing asbestos work

2. Recommended limitations for respirator use if any:

☒ Use of respirator is conditional upon passing a respirator fit test

☒ Remove facial hair which interferes with respirator fit

☒ Do not wear contact lenses while using respirator

☒ Corrective lenses worn with the shall be worn so as not to adversely affect the fit of the face piece

3. The results of my examination today:

☒ Have or have NOT detected a medical condition which would place the employee at an increased risk of material health impairment from exposure to asbestos.

4. ☒ I HAVE informed the above-named individual of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

5. ☒ The employee HAS been advised of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

6. As attending physician, I have determined that a Chest Roentgenogram (x-ray) was NOT necessary ☒ was necessary and performed.

The complete medical examination report on the above-named individual will be forwarded to the employer pending conclusion and interpretation of any additional testing performed during the examination.

Signature of Examining Physician

Date: 7/28/22

## **APPENDIX C4**

### **Waste Manifest(s)**

# Michigan Department of Natural Resources Air Quality Division



Check here if dumpster is located  
on a jobsite (not at the office)

Internal Job #: 22-025

Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

1) <b>Worksite name &amp; address:</b> Community High School 401 N. Division Street Ann Arbor, MI 48104	Owner's Name: Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	Contact Name Roosevelt Austin III Contact Telephone # (734) 576-0765
2) <b>Operator's Name:</b> Environmental Maintenance Engineers, Inc.	Operator's Address: 25851 Trowbridge Inkster, MI 48141	Operator's Telephone #: (313) 791-2600
3) <b>Waste Disposal Site (WDS) Name:</b> Carleton Farms Landfill	Waste Disposal Mailing Address: 28800 Clark Rd. New Boston, MI 48164	Disposal Site Telephone #: (734) 654-0001
4) <b>Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909		
5) <b>Description of Materials:</b> Hazard Class: 9    Identification Number: NA2212    Packing Group: III Additional Description:		
6) <b>Containers:</b>		
	<b># of Containers:</b>	<b>Type of Containers (drums, bags, etc)</b>
<input type="checkbox"/> Friable Asbestos	10	Bags
<input type="checkbox"/> Non-Friable Asbestos		
<input type="checkbox"/> Other:		
7) <b>Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations		
8) <b>Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.		
Printed/Typed Name: Jeff Cheney		Title: Project Manager
Signature: <i>J. Cheney</i>		Date: 06-04-2022
9) <b>Transporter (Acknowledgement of Receipt of Materials):</b>		
Name: Environmental Maintenance Engineers, Inc.		
Address: 25851 Trowbridge, Inkster, MI 48141		Phone Number: (313) 791-2600
Printed/Typed Name: <i>James Robinson</i>		Title: Supervisor
Signature: <i>[Signature]</i>		Date: 06/04/22
10) <b>Transporter 2 (Acknowledgement of Receipt of Materials):</b>		
Name: Republic Services - Wayne		
Address: 5400 Cogswell, Wayne, MI 48184		Phone Number: (734) 216-8240
Printed/Typed Name: <i>G. Kelly</i>		Title: Driver
Signature: <i>[Signature]</i>		Date:
11) <b>Waste disposal site owner or operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.</b>		
Printed/Typed Name:		Title:
Signature: <i>[Signature]</i>		Date: 6/5/22



# Michigan Department of Natural Resources Air Quality Division



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Internal Job #: 22-025

Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

1) <b>Worksite name &amp; address:</b> Community High School 401 N. Division Street Ann Arbor, MI 48104	Owner's Name: Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	Contact Name Roosevelt Austin III Contact Telephone # (734) 576-0765
2) <b>Operator's Name:</b> Environmental Maintenance Engineers, Inc.	Operator's Address: 25851 Trowbridge Inkster, MI 48141	Operator's Telephone #: (313) 791-2600
3) <b>Waste Disposal Site (WDS) Name:</b> Carleton Farms Landfill	Waste Disposal Mailing Address: 28800 Clark Rd. New Boston, MI 48164	Disposal Site Telephone #: (734) 654-0001
4) <b>Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909		
5) <b>Description of Materials:</b> Hazard Class: 9    Identification Number: NA2212    Packing Group: III Additional Description:		
6) <b>Containers:</b>		
	# of Containers:	Type of Containers (drums, bags, etc)
<input type="checkbox"/> Friable Asbestos		
<input type="checkbox"/> Non-Friable Asbestos	6 / 3	Bags / Drums
<input type="checkbox"/> Other:		
7) <b>Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations		
8) <b>Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.		
Printed/Typed Name: Jeff Cheney		Title: Project Manager
Signature: <i>Jeff Cheney</i>		Date: 6-11-2022
9) <b>Transporter (Acknowledgement of Receipt of Materials):</b>		
Name: Environmental Maintenance Engineers, Inc.		
Address: 25851 Trowbridge, Inkster, MI 48141		Phone Number: (313) 791-2600
Printed/Typed Name: Matt Kelly		Title: Supervisor
Signature: <i>Matt Kelly</i>		Date: 6-11-2022
10) <b>Transporter 2 (Acknowledgement of Receipt of Materials):</b>		
Name: Republic Services - Wayne		
Address: 5400 Cogswell, Wayne, MI 48184		Phone Number: (734) 216-8240
Printed/Typed Name: GARY K. PARS		Title: Driver
Signature: <i>GARY K. PARS</i>		Date:
11) <b>Waste disposal site owner or operator:</b> Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.		
Printed/Typed Name:		Title:
Signature: <i>B</i>		Date: 6-20-22

# Michigan Department of Natural Resources Air Quality Division

3015



Check here if dumpster is located  
on a jobsite (not at the office)

Internal Job #: 22-025

Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

1) <b>Worksite name &amp; address:</b> Community High School 401 N. Division Street Ann Arbor, MI 48104	Owner's Name: Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	Contact Name Roosevelt Austin III Contact Telephone # (734) 576-0765						
2) <b>Operator's Name:</b> Environmental Maintenance Engineers, Inc.	Operator's Address: 25851 Trowbridge Inkster, MI 48141	Operator's Telephone #: (313) 791-2600						
3) <b>Waste Disposal Site (WDS) Name:</b> Carleton Farms Landfill	Waste Disposal Mailing Address: 28800 Clark Rd. New Boston, MI 48164	Disposal Site Telephone #: (734) 654-0001						
4) <b>Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909								
5) <b>Description of Materials:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Hazard Class: 9</td> <td style="width: 40%;">Identification Number: NA2212</td> <td style="width: 40%;">Packing Group: III</td> </tr> <tr> <td colspan="3">Additional Description:</td> </tr> </table>			Hazard Class: 9	Identification Number: NA2212	Packing Group: III	Additional Description:		
Hazard Class: 9	Identification Number: NA2212	Packing Group: III						
Additional Description:								
6) <b>Containers:</b>								
	# of Containers:	Type of Containers (drums, bags, etc)						
<input type="checkbox"/> Friable Asbestos	163	71 Drums, 92 bags						
<input type="checkbox"/> Non-Friable Asbestos								
<input type="checkbox"/> Other:								
7) <b>Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations								
8) <b>Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.								
Printed/Typed Name: Jeff Cheney		Title: Project Manager						
Signature:		Date: 06/24/22						
9) <b>Transporter (Acknowledgement of Receipt of Materials):</b>								
Name: Environmental Maintenance Engineers, Inc.								
Address: 25851 Trowbridge, Inkster, MI 48141		Phone Number: (313) 791-2600						
Printed/Typed Name:		Title: Supervisor						
Signature:		Date: 06/24/22						
10) <b>Transporter 2 (Acknowledgement of Receipt of Materials):</b>								
Name: Republic Services - Wayne								
Address: 5400 Cogswell, Wayne, MI 48184		Phone Number: (734) 216-8240						
Printed/Typed Name:		Title: Driver						
Signature:		Date: 6/27/22						
11) <b>Waste disposal site owner or operator:</b> Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.								
Printed/Typed Name:		Title:						
Signature:		Date: 6-27-2022						

# Michigan Department of Natural Resources Air Quality Division



Check here if dumpster is located  
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Internal Job #: 22-025

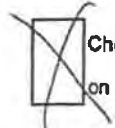
Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

1) <b>Worksite name &amp; address:</b> Community High School 401 N. Division Street Ann Arbor, MI 48104	Owner's Name: Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	Contact Name Roosevelt Austin III Contact Telephone # (734) 576-0765
2) <b>Operator's Name:</b> Environmental Maintenance Engineers, Inc.	Operator's Address: 25851 Trowbridge Inkster, MI 48141	Operator's Telephone #: (313) 791-2600
3) <b>Waste Disposal Site (WDS) Name:</b> Carleton Farms Landfill	Waste Disposal Mailing Address: 28800 Clark Rd. New Boston, MI 48164	Disposal Site Telephone #: (734) 654-0001
4) <b>Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909		
5) <b>Description of Materials:</b> Hazard Class: 9    Identification Number: NA2212    Packing Group: III Additional Description:		
6) <b>Containers:</b>		
	<b># of Containers:</b>	<b>Type of Containers (drums, bags, etc)</b>
<input type="checkbox"/> Friable Asbestos	156	68 Drums    88 bags
<input type="checkbox"/> Non-Friable Asbestos		
<input type="checkbox"/> Other:		
7) <b>Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations		
8) <b>Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.		
Printed/Typed Name: Jeff Cheney		Title: Project Manager
Signature:		Date: 7-1-22
9) <b>Transporter (Acknowledgement of Receipt of Materials):</b>		
Name: Environmental Maintenance Engineers, Inc.		Phone Number: (313) 791-2600
Address: 25851 Trowbridge, Inkster, MI 48141		Title: Supervisor
Printed/Typed Name: Chad Corassa		Date: 7-1-22
Signature:		
10) <b>Transporter 2 (Acknowledgement of Receipt of Materials):</b>		
Name: Republic Services - Wayne		Phone Number: (734) 216-8240
Address: 5400 Cogswell, Wayne, MI 48184		Title: Driver
Printed/Typed Name: Jason RUM		Date: 7-7-22
Signature:		
11) <b>Waste disposal site owner or operator:</b> Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.		
Printed/Typed Name: B B		Title:
Signature:		Date: 7-7-22

3015

# Michigan Department of Natural Resources Air Quality Division



Check here if dumpster is located  
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Internal Job #: 22-025

Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

1) <b>Worksite name &amp; address:</b>	<b>Owner's Name:</b>	<b>Contact Name</b>
Community High School 401 N. Division Street Ann Arbor, MI 48104	Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	Roosevelt Austin III Contact Telephone # (734) 576-0765
2) <b>Operator's Name:</b>	<b>Operator's Address:</b>	<b>Operator's Telephone #:</b>
Environmental Maintenance Engineers, Inc.	25851 Trowbridge Inkster, MI 48141	(313) 791-2600
3) <b>Waste Disposal Site (WDS) Name:</b>	<b>Waste Disposal Mailing Address:</b>	<b>Disposal Site Telephone #:</b>
Carleton Farms Landfill	28800 Clark Rd. New Boston, MI 48164	(734) 654-0001
4) <b>Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909		
5) <b>Description of Materials:</b>		
<b>Hazard Class:</b> 9	<b>Identification Number:</b> NA2212	<b>Packing Group:</b> III
<b>Additional Description:</b>		
6) <b>Containers:</b>		
	<b># of Containers:</b>	<b>Type of Containers (drums, bags, etc)</b>
<input type="checkbox"/> Friable Asbestos	171	92 bags 79 Drums
<input type="checkbox"/> Non-Friable Asbestos		
<input type="checkbox"/> Other:		
7) <b>Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations		
8) <b>Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.		
<b>Printed/Typed Name:</b> Jeff Cheney		<b>Title:</b> Project Manager
<b>Signature:</b>		<b>Date:</b> 7-7-22
9) <b>Transporter (Acknowledgement of Receipt of Materials):</b>		
<b>Name:</b> Environmental Maintenance Engineers, Inc.		<b>Phone Number:</b> (313) 791-2600
<b>Address:</b> 25851 Trowbridge, Inkster, MI 48141		
<b>Printed/Typed Name:</b> Chad Corossa		<b>Title:</b> Supervisor
<b>Signature:</b>		<b>Date:</b> 7-7-22
10) <b>Transporter 2 (Acknowledgement of Receipt of Materials):</b>		
<b>Name:</b> Republic Services - Wayne		<b>Phone Number:</b> (734) 216-8240
<b>Address:</b> 5400 Cogswell, Wayne, MI 48184		
<b>Printed/Typed Name:</b>		<b>Title:</b> Driver
<b>Signature:</b>		<b>Date:</b>
11) <b>Waste disposal site owner or operator:</b> Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.		
<b>Printed/Typed Name:</b>		<b>Title:</b>
<b>Signature:</b>		<b>Date:</b> 7-12-22

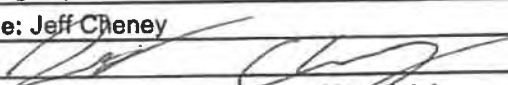
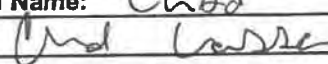
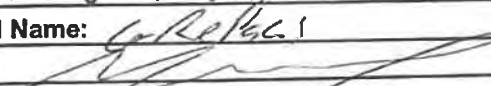
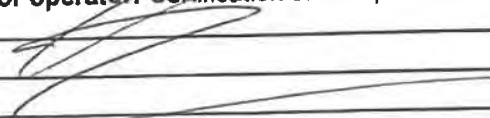


# Michigan Department of Natural Resources Air Quality Division

☐ Check here if dumpster is located  
on a jobsite (not at the office)

Internal Job #: 22-025  
Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

1) <b>Worksite name &amp; address:</b> Community High School 401 N. Division Street Ann Arbor, MI 48104	Owner's Name: Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	Contact Name Roosevelt Austin III Contact Telephone # (734) 576-0765
2) <b>Operator's Name:</b> Environmental Maintenance Engineers, Inc.	Operator's Address: 25851 Trowbridge Inkster, MI 48141	Operator's Telephone #: (313) 791-2600
3) <b>Waste Disposal Site (WDS) Name:</b> Carleton Farms Landfill	Waste Disposal Mailing Address: 28800 Clark Rd. New Boston, MI 48164	Disposal Site Telephone #: (734) 654-0001
4) <b>Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909		
5) <b>Description of Materials:</b> Hazard Class: 9    Identification Number: NA2212    Packing Group: III Additional Description:		
6) <b>Containers:</b>		
	# of Containers:	Type of Containers (drums, bags, etc)
<input checked="" type="checkbox"/> Friable Asbestos	199	78 Drums 121 bags
<input type="checkbox"/> Non-Friable Asbestos		
<input type="checkbox"/> Other:		
7) <b>Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations		
8) <b>Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.		
Printed/Typed Name: Jeff Cheney		Title: Project Manager
Signature: 		Date: 7-13-22
9) <b>Transporter (Acknowledgement of Receipt of Materials):</b>		
Name: Environmental Maintenance Engineers, Inc.		Phone Number: (313) 791-2600
Address: 25851 Trowbridge, Inkster, MI 48141		
Printed/Typed Name: Chad Gross		Title: Supervisor
Signature: 		Date: 7-13-22
10) <b>Transporter 2 (Acknowledgement of Receipt of Materials):</b>		
Name: Republic Services - Wayne		Phone Number: (734) 216-8240
Address: 5400 Cogswell, Wayne, MI 48184		
Printed/Typed Name: G. Roberts		Title: Driver
Signature: 		Date: 7/15/22
11) <b>Waste disposal site owner or operator:</b> Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.		
Printed/Typed Name:		Title:
Signature: 		Date: 7-15-2022

3015

# Michigan Department of Natural Resources Air Quality Division



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Internal Job #: 22-025

Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

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Community High School 401 N. Division Street Ann Arbor, MI 48104	Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	Roosevelt Austin III <b>Contact Telephone #</b> (734) 576-0765
2) <b>Operator's Name:</b>	<b>Operator's Address:</b>	<b>Operator's Telephone #:</b>
Environmental Maintenance Engineers, Inc.	25851 Trowbridge Inkster, MI 48141	(313) 791-2600
3) <b>Waste Disposal Site (WDS) Name:</b>	<b>Waste Disposal Mailing Address:</b>	<b>Disposal Site Telephone #:</b>
Carleton Farms Landfill	28800 Clark Rd. New Boston, MI 48164	(734) 654-0001
4) <b>Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909		
5) <b>Description of Materials:</b>		
Hazard Class: 9	Identification Number: NA2212	Packing Group: III
Additional Description:		
6) <b>Containers:</b>		
	# of Containers:	Type of Containers (drums, bags, etc)
<input type="checkbox"/> Friable Asbestos	300	50 barrels, 250 bags
<input type="checkbox"/> Non-Friable Asbestos		
<input type="checkbox"/> Other:		
7) <b>Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations		
8) <b>Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.		
Printed/Typed Name: Jeff Cheney		Title: Project Manager
Signature:		Date:
9) <b>Transporter (Acknowledgement of Receipt of Materials):</b>		
Name: Environmental Maintenance Engineers, Inc.		Phone Number: (313) 791-2600
Address: 25851 Trowbridge, Inkster, MI 48141		
Printed/Typed Name: Bradley Altherr		Title: Supervisor
Signature: [Signature]		Date: 7-19-22
10) <b>Transporter 2 (Acknowledgement of Receipt of Materials):</b>		
Name: Republic Services - Wayne		Phone Number: (734) 216-8240
Address: 5400 Cogswell, Wayne, MI 48184		
Printed/Typed Name: G. R. Davis		Title: Driver
Signature: [Signature]		Date:
11) <b>Waste disposal site owner or operator:</b> Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.		
Printed/Typed Name:		Title: 7-19-22
Signature: [Signature]		Date:



# Michigan Department of Natural Resources Air Quality Division

Internal Job #: 22-025

Landfill Approval #: 3069 22 0860

☒ Check here if dumpster is located  
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## ASBESTOS WASTE SHIPMENT DOCUMENT

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<b>2) Operator's Name:</b> Environmental Maintenance Engineers, Inc.	<b>Operator's Address:</b> 25851 Trowbridge Inkster, MI 48141	<b>Operator's Telephone #:</b> (313) 791-2600																
<b>3) Waste Disposal Site (WDS) Name:</b> Carleton Farms Landfill	<b>Waste Disposal Mailing Address:</b> 28800 Clark Rd. New Boston, MI 48164	<b>Disposal Site Telephone #:</b> (734) 654-0001																
<b>4) Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909																		
<b>5) Description of Materials:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Hazard Class: 9</td> <td style="width: 40%;">Identification Number: NA2212</td> <td style="width: 40%;">Packing Group: III</td> </tr> <tr> <td colspan="3">Additional Description:</td> </tr> </table>			Hazard Class: 9	Identification Number: NA2212	Packing Group: III	Additional Description:												
Hazard Class: 9	Identification Number: NA2212	Packing Group: III																
Additional Description:																		
<b>6) Containers:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th># of Containers:</th> <th>Type of Containers (drums, bags, etc)</th> <th>Total Qty. (cu ft., cu yds., lbs., tons):</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Friable Asbestos</td> <td>298</td> <td>250 lbs</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Non-Friable Asbestos</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> Other:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				# of Containers:	Type of Containers (drums, bags, etc)	Total Qty. (cu ft., cu yds., lbs., tons):	<input checked="" type="checkbox"/> Friable Asbestos	298	250 lbs		<input type="checkbox"/> Non-Friable Asbestos				<input type="checkbox"/> Other:			
	# of Containers:	Type of Containers (drums, bags, etc)	Total Qty. (cu ft., cu yds., lbs., tons):															
<input checked="" type="checkbox"/> Friable Asbestos	298	250 lbs																
<input type="checkbox"/> Non-Friable Asbestos																		
<input type="checkbox"/> Other:																		
<b>7) Special Handling Instructions and Additional Information:</b> Handled in accordance with all EPA, NESHAP, & OSHA Regulations																		
<b>8) Operator's Certification:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway condition for transport by highway according to applicable international and government regulations.																		
<b>Printed/Typed Name:</b> Jeff Cheney		<b>Title:</b> Project Manager																
<b>Signature:</b>		<b>Date:</b>																
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<b>11) Waste disposal site owner or operator:</b> Certification of receipt of asbestos materials covered by this manifest except as noted in item 10.																		
<b>Printed/Typed Name:</b>		<b>Title:</b>																
<b>Signature:</b>		<b>Date:</b> 8-12-22																

# Michigan Department of Natural Resources Air Quality Division



Check here if dumpster is located  
on a jobsite (not at the office)

Internal Job #: 22-025

Landfill Approval #: 3069 22 0860

## ASBESTOS WASTE SHIPMENT DOCUMENT

<b>1) Worksite name &amp; address:</b> Community High School 401 N. Division Street Ann Arbor, MI 48104	<b>Owner's Name:</b> Ann Arbor Public Schools 2555 South State St Ann Arbor, MI 48104	<b>Contact Name</b> Roosevelt Austin III <b>Contact Telephone #</b> (734) 576-0765																
<b>2) Operator's Name:</b> Environmental Maintenance Engineers, Inc.	<b>Operator's Address:</b> 25851 Trowbridge Inkster, MI 48141	<b>Operator's Telephone #:</b> (313) 791-2600																
<b>3) Waste Disposal Site (WDS) Name:</b> Carleton Farms Landfill	<b>Waste Disposal Mailing Address:</b> 28800 Clark Rd. New Boston, MI 48164	<b>Disposal Site Telephone #:</b> (734) 654-0001																
<b>4) Responsible Agency:</b> Air Quality Division, Michigan Department of Natural Resources P.O. Box 30028 Lansing, MI 48909																		
<b>5) Description of Materials:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Hazard Class: 9</td> <td style="width: 40%;">Identification Number: NA2212</td> <td style="width: 40%;">Packing Group: III</td> </tr> <tr> <td colspan="3">Additional Description:</td> </tr> </table>			Hazard Class: 9	Identification Number: NA2212	Packing Group: III	Additional Description:												
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Additional Description:																		
<b>6) Containers:</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th># of Containers:</th> <th>Type of Containers (drums, bags, etc)</th> <th>Total Qty. (cu ft., cu yds., lbs., tons):</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Friable Asbestos</td> <td>1</td> <td>bags</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Non-Friable Asbestos</td> <td></td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> Other:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				# of Containers:	Type of Containers (drums, bags, etc)	Total Qty. (cu ft., cu yds., lbs., tons):	<input type="checkbox"/> Friable Asbestos	1	bags		<input type="checkbox"/> Non-Friable Asbestos				<input type="checkbox"/> Other:			
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## **APPENDIX C5**

### Miscellaneous Contractor Information



25 YEARS  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day:

S M T W T F S 06/03/22

Job #:

22-025

Week Ending Date:

06/05/22

Job Name:

Community H.S.

Truck #/Driver:

491 SUANE

ACM Mold / Lead / Other

Work Area: 1st Floor South East Corridor

2nd Floor South Corridor

Comments:

## Daily Construction Report

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other	X		

### The type of abatement conducted:

	Y	N	n/a
Removal	X		
Encapsulation	X		
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
LBP HEPA Power Tools	X		
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition	X		

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape	X		
Criticals Set-up	X		
Full/Mini Enclosure	X		
Plywood 2"x4" Structures			
AFD's Set-up Vented	X		
Isolation of HVAC system	X		
Poly Walls Floors Drops	X		
Portable/Full Decon Chamber			
Water System Set-up	X		
Electric GFCI's/Temp. Panel	X		
Scaffold/Bakers/5'x7'/Manlift			

### Personal protective equipment:

	Y	N	n/a
Respiratory protection	X		
Half-Face/Full-Face/PAPR's	X		
Disposable Suits	X		
Steel Toe/Rubber Boots	X		
Gloves Rubber/Cotton	X		
Safety Glasses/Full Face	X		
Hard hats/Hearing Protection	X		
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up	X		
Load Out Activities	X		
Surfactants/Ledizolv			
Wet Methods IAQ Shockwave	X		
HEPA Vacuum Sequence	X		
All Equip./Tools Cleaned			
Final Lockdown			
Work Area Teardown			
Final Worksite Walk-Thru			

### Inspections:


	Y	N	n/a
# of Neg. Air Machines	2		
Barriers Intact And Sound	X		
DECON/Shower Inspection			
Employee PPE Used	X		
Electrical Safety In Place	X		
OSHA Inspection Site Review			
Consultant/EME Monitoring	X		
Consultant/Supervisor Visual	X		
Personnel Decontaminated	X		
Work Area Inspected/Secure	X		

Consultant Firm: AEC

Representative Name: Joe

Visual/Testing: Air / Visual

Accreditation Number:

Manometer Readings		Start:	inches water	Middle:	inches water	End:	inches water	Notes:
Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
SUANE NIPROCK	A43577	S	9:30	-	-	11:00	7.5	
TONY BARBOUR		N	5:00	-	-	10:00	5.0	
DYLAN ALEXICORTE		N	5:00	-	-	10:00	5.0	
KERLIN UTLEY		N	5:00	-	-	10:00	5.0	

Safety Issues: LADDERS, LOAD OUT

END TRIP HAZ

### Asbestos Waste

--Friable--

-- Non-Friable--

Dumpster

X EME

Onsite

### Status of Job

Project On-going - someone to return

Note:

Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature:



**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day:  
S M T W T F S Sat 04/22

Job #:  
22-025

Week Ending Date:  
04/05/22

Job Name:  
Community HS.

Truck #/Driver:  
4A SUATE

ACM Mold / Lead / Other

Work Area: 1st Floor Southeast Corr.  
2nd Floor South Corr.

Comments:

## Daily Construction Report

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other	<input checked="" type="checkbox"/>		

### The type of abatement conducted:

	Y	N	n/a
Removal	<input checked="" type="checkbox"/>		
Encapsulation	<input checked="" type="checkbox"/>		
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
LBP HEPA Power Tools			
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition	<input checked="" type="checkbox"/>		

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape			
Criticals Set-up			
Full/Mini Enclosure			
Plywood 2"x4" Structures			
AFD's Set-up Vented	<input checked="" type="checkbox"/>		
Isolation of HVAC system			
Poly Walls Floors Drops	<input checked="" type="checkbox"/>		
Portable/Full Decon Chamber			
Water System Set-up	<input checked="" type="checkbox"/>		
Electric GFCI's/Temp. Panel	<input checked="" type="checkbox"/>		
Scaffold/Bakers/5'x7'/Manlift	<input checked="" type="checkbox"/>		

### Personal protective equipment:

	Y	N	n/a
Respiratory protection	<input checked="" type="checkbox"/>		
Half-Face/Full-Face/PAPR's	<input checked="" type="checkbox"/>		
Disposable Suits	<input checked="" type="checkbox"/>		
Steel Toe/Rubber Boots	<input checked="" type="checkbox"/>		
Gloves Rubber/Cotton	<input checked="" type="checkbox"/>		
Safety Glasses/Full Face	<input checked="" type="checkbox"/>		
Hard hats/Hearing Protection	<input checked="" type="checkbox"/>		
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up	<input checked="" type="checkbox"/>		
Load Out Activities	<input checked="" type="checkbox"/>		
Surfactants/Ledizolv	<input checked="" type="checkbox"/>		
Wet Methods IAQ Shockwave	<input checked="" type="checkbox"/>		
HEPA Vacuum Sequence	<input checked="" type="checkbox"/>		
All Equip./Tools Cleaned	<input checked="" type="checkbox"/>		
Final Lockdown			
Work Area Teardown	<input checked="" type="checkbox"/>		
Final Worksite Walk-Thru	<input checked="" type="checkbox"/>		

### Inspections:


	Y	N	n/a
2 # of Neg. Air Machines			
Barriers Intact And Sound	<input checked="" type="checkbox"/>		
DECON/Shower Inspection			
Employee PPE Used	<input checked="" type="checkbox"/>		
Electrical Safety In Place	<input checked="" type="checkbox"/>		
OSHA Inspection Site Review			
Consultant/EME Monitoring	<input checked="" type="checkbox"/>		
Consultant/Supervisor Visual	<input checked="" type="checkbox"/>		
Personnel Decontaminated	<input checked="" type="checkbox"/>		
Work Area Inspected/Secure	<input checked="" type="checkbox"/>		

Consultant Firm: ARCH

Representative Name: THINK

Visual/Testing: Air / Visual

Accreditation Number:

Manometer Readings	Start:	inches water	Middle:	inches water	End:	inches water	Notes:	
Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
SUATE NIBLOCK	A43557	S	7:00	1:00	1:30	4:00	8.5	
DYLAN MEXICORTE		W	8:00	1:00	1:30	3:30	7.0	
KEVIN UTLEY		W	8:00	1:00	1:30	3:30	7.0	
TOMMY BARBOUR		W	8:00	1:00	1:30	3:30	7.0	
MATT KELLY		W	8:00	1:00	1:30	3:30	7.0	
TOM PRATK		W	8:00	1:00	1:30	3:30	7.0	

Safety Issues: LOAD OUT, POWER TOOLS, LADDERS

### Asbestos Waste

~Friable~	~Non-Friable~
<u>10</u> Bags	
Drums	
Bundles	

Dumpster ☒ EME ☐ Onsite

### Status of Job

Project On-going - someone to return  
Note:  
Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: \_\_\_\_\_





**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1987 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day: **SMTWTF@ 6/11/22**  
Week Ending Date: **6/12/22**  
Truck #/Driver: **49/Chad G**

Job #: **22-025**  
Job Name: **Community H.S.**  
**(ACM)** Mold / Lead / Other

Work Area: **2nd Floor Auditorium, 3rd Floor Ceiling**  
Comments: **Removed 4ft lights? Cut 4 holes**

## Daily Construction Report

General Work Description:				The type of abatement conducted:				Set-up procedures conducted:			
	Y	N	n/a		Y	N	n/a		Y	N	n/a
ACM Pipe/Fitting				Removal				Signs/Banner Tape			
ACM Boiler/Tanks/Breeching				Encapsulation				Criticals Set-up			
ACM Acoustical Ceiling				Patch/Repair				Full/Mini Enclosure			
ACM Ceiling Tiles/Glue Pods				Glove-bag Removal				Plywood 2"x4" Structures			
VAT Mastic Carpet				Enclosure				AFD's Set-up Vented			
Transite Siding/Plaster				Removal/Replacement				Isolation of HVAC system			
Insulation/Vermiculite				LBP Removal Chemical				Poly Walls Floors Drops			
Lead Based Paint				LBP HEPA Power Tools				Portable/Full Decon Chamber			
Mold Remediation				Dry Ice Blasting				Water System Set-up			
Industrial/Universal Waste				Aggressive Hand Cleaning				Electric GFCI's/Temp. Panel			
Other				Selective Demolition				Scaffold/Bakers/5'x7'/Manlift			

Personal protective equipment:				Clean-up activities:				Inspections:			
	Y	N	n/a		Y	N	n/a		Y	N	n/a
Respiratory protection				Gross/Final Clean-up				# of Neg. Air Machines			
Half-Face/Full-Face/PAPR's				Load Out Activities				Barriers Intact And Sound			
Disposable Suits				Surfactants/Ledizolv				DECON/Shower Inspection			
Steel Toe/Rubber Boots				Wet Methods IAQ Shockwave				Employee PPE Used			
Gloves Rubber/Cotton				HEPA Vacuum Sequence				Electrical Safety In Place			
Safety Glasses/Full Face				All Equip./Tools Cleaned				OSHA Inspection Site Review			
Hard hats/Hearing Protection				Final Lockdown				Consultant/EME Monitoring			
Fall Protection				Work Area Teardown				Consultant/Supervisor Visual			
Scaffold Safety Rails/Manlift				Final Worksite Walk-Thru				Personnel Decontaminated			
								Work Area Inspected/Secure			

Consultant Firm: **AME** Visual/Testing: **PERSONAL VISUALS. C/COMES**  
Representative Name: **T.A.** Accreditation Number:

Manometer Readings		Start:	inches water	Middle:	inches water	End:	inches water	Notes:
		-04		-04		-04		

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
Mark Kelly	A34636	S	600	1230			6.5	
Chad Grossa	A33063	W	600	130			7.5	
Eric Richardson	A52387	W	700	1230			5.5	
Mario Carson	A45721	W	700	1230			5.5	
Jason Howard	A42060	W	700	1230			5.5	

Safety Issues:	Asbestos Waste	Dumpster	EME	Onsite
Working from Heights	~Friable~			
Safety on site ppe.	Bags			
Working in Ceiling	Drums			
Clean up and final clean plan	Bundles			

Status of Job
Project On-going - someone to return
Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.  
Signature: **Mark Kelly**





**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day:  
S M T W T F S 6-16-22

Job #: 22-025

Week Ending Date:  
6-19-22

Job Name:  
AAP5 Community HS

Truck #/Driver:  
44 - Greg Nagle

ACM / Mold / Lead / Other

Work Area:  
2nd Floor Priority 1 Classrooms & Offices

Comments:

## Daily Construction Report

General Work Description:			The type of abatement conducted:			Set-up procedures conducted:		
Y	N	n/a	Y	N	n/a	Y	N	n/a
ACM Pipe/Fitting			Removal			Signs/Banner Tape		
ACM Boiler/Tanks/Breeching			Encapsulation			Criticals Set-up		
ACM Acoustical Ceiling			Patch/Repair			Full/Mini Enclosure		
ACM Ceiling Tiles/Glue Pods			Glove-bag Removal			Plywood 2"x4" Structures		
VAT Mastic Carpet			Enclosure			AFD's Set-up Vented		
Transite Siding/			Removal/Replacement			Isolation of HVAC system		
Insulation/Vermiculite			LBP Removal Chemical			Poly Walls Floors Drops		
Lead Based Paint			LBP HEPA Power Tools			Portable/Full Decon Chamber		
Mold Remediation			Dry Ice Blasting			Water System Set-up		
Industrial/Universal Waste			Aggressive Hand Cleaning			Electric GFCI's/Temp. Panel		
Other Set up			Selective Demolition			Scaffold/Bakers/5'x7'/Manlift		

Personal protective equipment: Clean-up activities: Inspections:

Respiratory protection Half-Face/Full-Face/PAPR's Disposable Suits Steel Toe/Rubber Boots Gloves Rubber/Cotton Safety Glasses/Full Face Hard hats/Hearing Protection Fall Protection Scaffold Safety Rails/Manlift

Gross/Final Clean-up Load Out Activities Surfactants/Ledizolv Wet Methods IAQ Shockwave HEPA Vacuum Sequence All Equip./Tools Cleaned Final Lockdown Work Area Teardown Final Worksite Walk-Thru

# of Neg. Air Machines Barriers Intact And Sound DECON/Shower Inspection Employee PPE Used Electrical Safety In Place OSHA Inspection Site Review Consultant/EME Monitoring Consultant/Supervisor Visual Personnel Decontaminated Work Area Inspected/Secure

Consultant Firm: Accreditation Number:

Representative Name: Arch - Tibb

Manometer Readings Start: inches water Middle: inches water End: inches water Notes:

Employee Name Accred. # Class S/W Time In Time Out Time In Time Out Total Hrs Employee Signature

Project Manager:

Supervisor: Andrew Pfaller A25587 6:00 12:00 12:30 6:00 11.5

Greg Nagle A47962 6:00 12:00 12:30 6:00 11.5

Safety Issues: Asbestos Waste Dumpster EME Onsite

~Friable~ ~Non-Friable~ Status of Job

Bags Bags Project On-going - someone to return

Drums Drums Note:

Bundles Bundles Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left. Signature:



**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day:  
S M T W T F S 6-17-22

Job #: 22-025

Week Ending Date:  
6-19-22

Job Name:  
AAPB Community HS

Truck #/Driver:  
44- Greg Nagle

ACM Mold / Lead / Other

Work Area:  
2nd Floor - Priority 1 - Classrooms & Offices

Comments:

## Daily Construction Report

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other <u>Set up</u>			

### The type of abatement conducted:

	Y	N	n/a
Removal			
Encapsulation			
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
LBP HEPA Power Tools			
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition			

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape			
Criticals Set-up			
Full/Mini Enclosure			
Plywood 2"x4" Structures			
AFD's Set-up Vented			
Isolation of HVAC system			
Poly Walls Floors Drops			
Portable/Full Decon Chamber			
Water System Set-up			
Electric GFCI's/Temp. Panel			
Scaffold/Bakers/5'x7'/Manlift			

### Personal protective equipment:

	Y	N	n/a
Respiratory protection			
Half-Face/Full-Face/PAPR's			
Disposable Suits			
Steel Toe/Rubber Boots			
Gloves Rubber/Cotton			
Safety Glasses/Full Face			
Hard hats/Hearing Protection			
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up			
Load Out Activities			
Surfactants/Ledizolv			
Wet Methods IAQ Shockwave			
HEPA Vacuum Sequence			
All Equip./Tools Cleaned			
Final Lockdown			
Work Area Teardown			
Final Worksite Walk-Thru			

### Inspections:

	Y	N	n/a
# of Neg. Air Machines			
Barriers Intact And Sound			
DECON/Shower Inspection			
Employee PPE Used			
Electrical Safety In Place			
OSHA Inspection Site Review			
Consultant/EME Monitoring			
Consultant/Supervisor Visual			
Personnel Decontaminated			
Work Area Inspected/Secure			

### Consultant Firm:

Representative Name: Arch - Tiba

### Visual/Testing:

### Accreditation Number:

Manometer Readings Start: - inches water Middle: - inches water End: - inches water Notes:

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor: <u>Andrew Ptak</u>	<u>A25587</u>		<u>6:30</u>	<u>12:00</u>	<u>12:30</u>	<u>6:00</u>	<u>11.5</u>	<u>Andrew Ptak</u>
<u>Greg Nagle</u>	<u>A47962</u>		<u>6:00</u>	<u>12:00</u>	<u>12:30</u>	<u>5:30</u>	<u>11</u>	

### Safety Issues:

### Asbestos Waste

### Dumpster

### EME

### Onsite

### ~Friable~

### ~Non-Friable~

### Status of Job

### Bags

### Bags

Project On-going - someone to return

### Drums

### Drums

### Note:

### Bundles

### Bundles

Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: \_\_\_\_\_

M



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MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
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Today's Date/Day:  
S M T W T F S 6-18-22

Job #: 22-025

Week Ending Date:  
6-19-22

Job Name:  
AAPS Community HS

Truck #/Driver:  
44-Tony Barbour

☒ ACM ☐ Mold ☐ Lead ☐ Other

Work Area:  
2nd Floor - Priority 1 - Classrooms & Offices

Comments: And Theater Room

## Daily Construction Report

General Work Description:				The type of abatement conducted:				Set-up procedures conducted:			
	Y	N	n/a		Y	N	n/a		Y	N	n/a
ACM Pipe/Fitting				Removal	<input checked="" type="checkbox"/>			Signs/Banner Tape	<input checked="" type="checkbox"/>		
ACM Boiler/Tanks/Breeching				Encapsulation				Criticals Set-up	<input checked="" type="checkbox"/>		
ACM Acoustical Ceiling				Patch/Repair				Full/Mini Enclosure	<input checked="" type="checkbox"/>		
ACM Ceiling Tiles/Glue Pods				Glove-bag Removal				Plywood 2"x4" Structures			
VAT Mastic Carpet				Enclosure				AFD's Set-up Vented	<input checked="" type="checkbox"/>		
Transite Siding/ <u>Plaster</u>	<input checked="" type="checkbox"/>			Removal/Replacement				Isolation of HVAC system	<input checked="" type="checkbox"/>		
Insulation/Vermiculite				LBP Removal Chemical				Poly Walls Floors Drops	<input checked="" type="checkbox"/>		
Lead Based Paint				LBP HEPA Power Tools				Portable/Full Decon Chamber	<input checked="" type="checkbox"/>		
Mold Remediation				Dry Ice Blasting				Water System Set-up			
Industrial/Universal Waste				Aggressive Hand Cleaning				Electric GFCI's/Temp. Panel	<input checked="" type="checkbox"/>		
Other <u>Set-up</u>	<input checked="" type="checkbox"/>			Selective Demolition				Scaffold/Bakers/5'x7'/Manlift			

Personal protective equipment: Clean-up activities: Inspections:

Consultant Firm: Accu-Tech Visual/Testing: Accreditation Number:

Representative Name: Accu-Tech Manometer Readings: Start: - inches water Middle: - inches water End: - inches water Notes:

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
<u>Andrew Ptkh</u>	<u>A25587</u>		<u>7<sup>00</sup></u>	<u>12<sup>00</sup></u>	<u>12<sup>30</sup></u>	<u>4<sup>30</sup></u>	<u>9</u>	<u>Andrew Ptkh</u>
<u>Tony Barbour</u>	<u>A55397</u>		<u>7<sup>00</sup></u>	<u>12<sup>00</sup></u>	<u>12<sup>30</sup></u>	<u>5<sup>00</sup></u>	<u>9.5</u>	
<u>Eric Richardson</u>	<u>A52387</u>		<u>8<sup>00</sup></u>	<u>12<sup>00</sup></u>	<u>12<sup>30</sup></u>	<u>4<sup>30</sup></u>	<u>8</u>	

Safety Issues:	Asbestos Waste	Dumpster	EME	Onsite
	~Friable~	~Non-Friable~	Status of Job	
	Bags	Bags	Project On-going - someone to return	
	Drums	Drums	Note:	
	Bundles	Bundles	Complete - no one will need to return	

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: Andrew Ptkh

my



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Today's Date:

06/20/22

Job #:

22-025

Day:

MONDAY

Job Name:

Community H.S.

Week Ending Date:

06/26/22

PO# / Work Order #:

Truck # / Driver:

49 / BRAD

ACM / Mold / Lead / Other

Work Area:

PHASE 1 & 2

## Daily Construction Report

### Description of Work Performed:

FINISHED SET UP IN PHASE 1, REMOVAL OF  
(PLASTER / WIRE MESH / PLAC IRON)  
LIGHTS & BULBS, START APARTMENT IN PHASE 1, PHASE 1 - OFFICES  
THAT WERE QUESTIONED ARE BEING REMOVED NOW (NOT EXTRA)  
SET UP WALLS & FLOORS TOMORROW OFFICES WILL BE COMBINED  
WITH THE REST OF PHASE 1, LOAD IN EQUIPMENT

### Visitors to Site / Inspections Made:

Manometer Readings	Start:	inches water	Middle:	inches water	End:	inches water	Notes:
Supervisor:							
SHANE NIBLOCK	A43597	S	6:30	12:00	12:30	5:30	10.5
BRAD ALTHOFF	A45730	W	6:00	12:00	12:30	6:30	12.0
ANDREW PRAK	A25587	W	6:00	12:00	12:30	5:30	11.0
MONSIEUR JARLAS	A58114	W	7:00	12:00	12:30	5:30	10.0
INES CASTRO	A58233	W	7:00	12:00	12:30	5:30	10.0
OMAR - ANTONIO	A54503	W	7:00	12:00	12:30	5:30	10.0
GRANADOS-BERMUDEZ	A54503	W	7:00	12:00	12:30	5:30	10.0
LEWZ TORRES	A58158	W	7:00	12:00	12:30	5:30	10.0
NOHEMI ZAMORAN	A57748	W	7:00	12:00	12:30	5:30	10.0
REYNA V. RAMIREZ G.	A58200	W	7:00	12:00	12:30	5:30	10.0
ARIEL RIVERA	A58105	W	7:00	12:00	12:30	5:30	10.0
OSMIN E. LOPEZ HEREDIA	A46719	W	7:00	12:00	12:30	5:30	10.0

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		

### Safety Meeting: SIX LIFTS, OVER HEAD DEMO

OTHER TRADES ELECTRICAL LINES, LADDERS,  
SAWZALLS, CUT-OFF WHEEL, SHARP WIRE -  
MESH

Asbestos Waste	Dumpster	EME	Onsite
~Friable~	~Non-Friable~		
Bags	Bags	<input checked="" type="checkbox"/>	Project On-going - someone to return
Drums	Drums	Note:	
Bundles	Bundles		Complete - no one will need to return





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25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 - Fax: 313.791.2601  
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Today's Date:

06/21/22

Job #:

22-025

Day:

TUESDAY

Job Name:

COMMUNITY H.S.

Week Ending Date:

06/26/22

PO# / Work Order #:

Truck # / Driver:

49 SHANE

ACM Mold / Lead / Other

## Daily Construction Report

Work Area:

PHASE 1

### Description of Work Performed:

LOAD IN EQUIPMENT, CONTINUE REMOVAL OF PLASTER/WIRE MESH/  
BLACK IRON, BULK & FINAL CLEANING, RE-BUILD SHOWER DUE TO  
LEAKS IN DRAIN PAN, HOUSEKEEPING, SET-UP FLOORS/WALLS/CRITICALS  
IN OFFICES IN PHASE 1

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
Supervisor:				
SHANE NIBLOCK	A43597	S 6:00	12:00 12:30 6:30 12.0	
BRAD ALTHOR	A45730	W 6:30	12:00 12:30 5:30 10.5	
ANDREW PRAX	A25587	W 7:00	12:00 12:30 4:30 9.0	
WONSEN JARUAT	A58114	W 7:00	12:00 12:30 5:30 10.0	
INES CASTRO	A58233	W 7:00	12:00 12:30 5:30 10.0	
CHAR - ANTONIO	A54503	W 7:00	12:00 12:30 5:30 10.0	
LORENA - PERNUDE	A58158	W 7:00	12:00 12:30 5:30 10.0	
CRUZ TORRES	A57748	W 7:00	12:00 12:30 5:30 10.0	
NOHEMI ZANORAN	A58200	W 7:00	12:00 12:30 5:30 10.0	
REYNA V. RAMIREZ G.	A58105	W 7:00	12:00 12:30 5:30 10.0	
ARIEL RIVERA	A46719	W 7:00	12:00 12:30 5:30 10.0	
OSWINE LOPEZ HERRERA				

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		

### Safety Meeting:

SIX FOR LIFTS, OVER-HEAD DAND,  
OTHER TOOLS, ELECTRICAL LINES, LADDERS,  
SAWZALL, CUT-OFF WHEEL, SHARP WIRE MESH

### Asbestos Waste

Dumpster

EME

Onsite

~Friable~

~Non-Friable~

### Status of Job

Bags

Bags

☒ Project On-going - someone to return

Drums

Drums

Note:

Bundles

Bundles

Complete - no one will need to return



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MAINTENANCE  
ENGINEERS, INC.**

25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 - Fax: 313.791.2601  
www.teamEME.com

Today's Date:

06/22/22

Job #:

22-025

Day:

WEDNESDAY

Job Name:

COMMUNITY H.S.

Week Ending Date:

06/26/22

PO# / Work Order #:

Truck # / Driver:

49 / CHAS

ACM

Mold / Lead / Other

Work Area:

PHASE 1 & 2

## Daily Construction Report

### Description of Work Performed:

PHASE 1 - CONTINUE PARTIAL WASH / BLACK IRON REMOVAL,

LOAD OUT WASTE, START FINAL CLEANING

PHASE 2 - START SET UP FOR REMOVAL

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	-.09	-.09	-.09	
Supervisor:				
CHAS CORREIA	A35063	S 6:00	12:00 12:30 6:30	12.0
BRAD ALTHEER	A45730	W 6:00	12:00 12:30 5:30	10.0
MONTELL JARVIS	A52114	W 7:00	12:00 12:30 5:30	10.0
INES CASAS	A52233	W 7:00	12:00 12:30 5:30	10.0
OSCAR ANTONIO	A54503	W 7:00	12:00 12:30 5:30	10.0
CRISTIANOS-BERNHARD	A54503	W 7:00	12:00 12:30 5:30	10.0
LOPEZ TORRES	A58158	W 7:00	12:00 12:30 5:30	10.0
REYNA U. RAMIREZ LA	A58200	W 7:00	12:00 12:30 5:30	10.0
ADRIEL RIVERA	A58105	W 7:00	12:00 12:30 5:30	10.0
OSWALDO LOPEZ-HERNANDEZ	A440719	W 7:00	12:00 12:30 5:30	10.0

### Work Inspection

5	# of Neg. Air Machines	Y	N	n/a
	Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
	Barriers intact and sound	<input checked="" type="checkbox"/>		
	Air monitors in place	<input checked="" type="checkbox"/>		
	Protective equipment used and functioning	<input checked="" type="checkbox"/>		
	Air samples collected and identified	<input checked="" type="checkbox"/>		
	Work area secure	<input checked="" type="checkbox"/>		
	Personnel decontaminated	<input checked="" type="checkbox"/>		

### Safety Meeting:

SAFETY LIFTS, OVER-HEAD DEMO, OTHER TRADES, ELECTRICAL LINES, LADDERS, SAWZALL, CUT OFF WHEEL, SHARP WIRE MESH

### Asbestos Waste

### Dumpster

EME OR Onsite

--Friable--

--Non-Friable--

### Status of Job

Bags

Bags

☒ Project On-going - someone to return

Drums

Drums

Note:

Bundles

Bundles

Complete - no one will need to return





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MAINTENANCE  
ENGINEERS, INC.**

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313.791.2600 - Fax: 313.791.2601  
www.teamEME.com

Today's Date:

06/23/22

Job #:

22-025

Day:

THURSDAY

Job Name:

COMMUNITY H.S.

Week Ending Date:

06/26/22

PO# / Work Order #:

Truck # / Driver:

52 / CHAD

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area:

PHASE 1 & 2

### Description of Work Performed:

PHASE 1 - LOAD OUT WASTE, FINAL CLEAN, VACUUM, LOWDOWN  
CLEAN LIFTS, MOVE LIFTS TO NEXT AREA (PHASE 2 & 3) PHASE 1  
READY FOR CLEARANCE FRI MORNING  
PHASE 2 - FINISH SET-UP WALLS/FLOORS/CEILING/SHOWER/LOAD OUT  
APPS / START REMOVAL PLASTER/MESH/BLACK IRON  
PHASE 3 - START SET UP WALLS/FLOORS

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
Supervisor:				
SHANE NIBLOCK	A45597	S	7:00 12:00 12:30 5:30 10.0	
CHAD CORREIA	A33063	W	5:30 12:00 12:30 6:30 12.5	
BRAD ALTHOFF	A45730	W	6:30 12:00 12:30 5:30 10.5	
JOHN KELL VARIAN	A58114	W	7:00 12:00 12:30 5:30 10.0	
LUIS CASTRO	A58233	W	7:00 12:00 12:30 5:30 10.0	
CHAR- ANTONIO CORANADO, + PERALDE	A54503	W	7:00 12:00 12:30 5:30 10.0	
CRUZ TORRES	A58158	W	7:00 12:00 12:30 5:30 10.0	
NATHAN ZAMORAN	A57748	W	7:00 12:00 12:30 5:30 10.0	
REYNA V. PARRERA LO.	A58280	W	7:00 12:00 12:30 5:30 10.0	
ARIEL RIVERA	A58105	W	7:00 12:00 12:30 5:30 10.0	
OSMINE LEREZ HERRERA	A46079	W	7:00 12:00 12:30 5:30 10.0	

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		

### Safety Meeting:

SLIPPER LIFTS, OVER-HEAD DEMO,  
OTHER TRADES, ELECTRICAL LINES, LADDERS,  
SAWZALL, CUT OFF WHEELS, SHARP WIRE MESH

Asbestos Waste	Dumpster	EME	Onsite
~Friable~	~Non-Friable~		
Bags	Bags	<input checked="" type="checkbox"/>	Project On-going - someone to return
Drums	Drums	Note:	
Bundles	Bundles		Complete - no one will need to return



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25851 Trowbridge St., Inkster, MI 48141  
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www.teamEME.com

Today's Date:

09/24/22

Job #:

22-025

Day:

Friday

Job Name:

Community H.S.

Week Ending Date:

09/26/22

PO# / Work Order #:

Truck # / Driver:

49 / Chad

ACM / Mold / Lead / Other

Work Area:

Phase 2 & 3

## Daily Construction Report

Description of Work Performed:

PHASE 2 - CONTINUE REMOVAL PLASTER / MESH / BLACK IRON, LOAD OUT,  
BULK PICK UP, REPAIR FAILED WALLS

PHASE 3 - CONTINUE SET UP WALL / FLOORS

LOAD IN EQUIPMENT HOUSEKEEPING

Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
Supervisor:				
SHANE NIBLOCK	A43597	S 7:00	12:00 12:30 5:30 10.0	
CHAD COSSA	A33063	W 6:00	12:00 12:30 3:30 9.0	
BRAD ALTHEA	A45730	W 7:00	12:00 12:30 2:30 7.0	
JOHNELL VARGAS	A58114	W 7:00	12:00 12:30 5:30 10.0	
INES CASTRO	A58233	W 7:00	12:00 12:30 5:30 10.0	
ONAR-ANTONIO				
GRANADOS-BERNUDE	A51553	W 7:00	12:00 12:30 5:30 10.0	
CRUZ TORRES	A58158	W 7:00	12:00 12:30 5:30 10.0	
NOHENI ZAMORAN	A57748	W 7:00	12:00 12:30 5:30 10.0	
REYNA V. RAMIREZ	A58200	W 7:00	12:00 12:30 5:30 10.0	
ARIEL RIVERA	A58105	W 7:00	12:00 12:30 5:30 10.0	
GENIE E. LOPEZ HERRERA	A410719	W 7:00	12:00 12:30 5:30 10.0	

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly			
Barriers intact and sound			
Air monitors in place			
Protective equipment used and functioning			
Air samples collected and identified			
Work area secure			
Personnel decontaminated			

### Safety Meeting:

SCISSOR LIFTS, OVER HEAD CRANES,  
OTHER TRADES, ELECTRICAL LINES, LADDERS,  
SAWZALL, CUT OFF WHEEL, SHARP MESH,  
FALLING DEBRIS

Asbestos Waste	✓	Dumpster	EME	Onsite
~Friable~				
~Non-Friable~				
92 Bags				
71 Drums				
Bundles				
Status of Job				
Project On-going - someone to return				
Complete - no one will need to return				



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25851 Trowbridge St., Inkster, MI 48141  
313.791.2600 - Fax: 313.791.2601  
www.teamEME.com

Today's Date:

06/25/22

Job #:

22-025

Day:

SATURDAY

Job Name:

COMMUNITY H.S.

Week Ending Date:

06/26/22

PO# / Work Order #:

Truck # / Driver:

N/A ANDREW

ACM / Mold / Lead / Other

Work Area:

PHASE 2 & 3

## Daily Construction Report

Description of Work Performed:

PHASE 2 - LOAD OUT WASTE, FINAL CLEAN, W/CDOWN

PHASE 3 - CONTINUE SET-UP

Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
Supervisor:				
SHANE NIELSEN	A43577	S	7:00 12:00 12:30 3:30	8.0
ANDREW ADK	A25587	W	6:00 12:00 12:30 3:30	9.0
HONSELL VARGAS	A58114	W	7:00 12:00 12:30 3:30	8.0
MIGUEL CASTRO	A58233	W	7:00 12:00 12:30 3:30	8.0
OMAR - ANTONIO	A54503	W	7:00 12:00 12:30 3:30	8.0
CRANADOS - BERNARDO	A54503	W	7:00 12:00 12:30 3:30	8.0
CEJZ TORRES	A58158	W	7:00 12:00 12:30 3:30	8.0
NORHUI ZAMORAN	A57748	W	7:00 12:00 12:30 3:30	8.0
REINA V. RAMIREZ	A58200	W	7:00 12:00 12:30 3:30	8.0
ARIEL RIVERA	A58105	W	7:00 12:00 12:30 3:30	8.0
OSMIN E. LOPEZ HERRERA	A46719	W	7:00 12:00 12:30 3:30	8.0

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		

Safety Meeting: SISSOR LIFTS, OVER-HEAD DEMO, LADDERS, ELECTRICAL LINES, FALLING DEBRIS

Asbestos Waste	Dumpster	EME	Onsite
~Friable~	~Non-Friable~	Status of Job	
Bags	Bags	<input checked="" type="checkbox"/> Project On-going - someone to return	
Drums	Drums	Note:	
Bundles	Bundles	Complete - no one will need to return	



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Today's Date:

06/27/22

Job #:

22-025

Day:

MONDAY

Job Name:

COMMUNITY H.S.

Week Ending Date:

07/03/22

PO# / Work Order #:

Truck # / Driver:

49 / CHAD

ACM Mold / Lead / Other

Work Area:

PHASE 1 & 3

## Daily Construction Report

### Description of Work Performed:

PHASE 1 - TEAR DOWN, TOUCH UP CLEANING, LOAD OUT

PHASE 2 - RUN CLEARANCE

PHASE 3-PART 1: START REMOVAL PLASTER / WIRE MESH / BRICK IRON

PHASE 3-PART 2: CONTINUE SET-UP WALLS / FLOORS / AFD'S / SHOWER

REMOVE TEMP WALL LINED DUMPSTER LOAD OUT WASTES

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	-.09	-.09	-.09	
Supervisor:				
SHANE NIBLOCK	A43597	S	5:30 12:00 12:30 5:30 11.5	
CHAD CROSSA	A33063	W	6:00 12:00 12:30 6:30 12.0	
BRAD ALTHEER	A45730	W	7:00 12:00 12:30 5:30 10.0	
DEYNA V. RAMIREZ LO	A58280	W	7:00 12:00 12:30 5:30 10.0	
WILSON JARLOS	A58114	W	7:00 12:00 12:30 5:30 10.0	
OSCAR A. CRANADOS	A54503	W	7:00 12:00 12:30 5:30 10.0	
BERNARDES				
CRUZ TORRES	A58158	W	7:00 12:00 12:30 5:30 10.0	
IVAN CASTRO	A58233	W	7:00 12:00 12:30 5:30 10.0	
OSMIN E. LOPEZ				
HERRERA	A46719	W	7:00 12:00 12:30 5:30 10.0	
NOHEMI ZAMORAN	A57748	W	7:00 12:00 12:30 5:30 10.0	
ARIEL RIVERA	A58105	W	7:00 12:00 12:30 5:30 10.0	
WESLEY HOWARD	A42060	W	9:00 12:00 12:30 5:30 8	

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Safety Meeting: OVER-HEAD BEND, FALLING DEBRIS, LADDERS, SCISSOR LIFTS, OTHER TRADES, LOAD OUT ELECTRICAL LINES & PUMPING, SLIP/TRIP HAZ, PINCH POINTS

Asbestos Waste	Dumpster	EME	Onsite
~Friable~			
~Non-Friable~			
Bags			
Drums			
Bundles			
Status of Job			
Project On-going - someone to return			
Complete - no one will need to return			





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Today's Date:

06/28/22

Job #:

22-025

Day:

TUESDAY

Job Name:

COMMUNITY H.S.

Week Ending Date:

07/03/22

PO# / Work Order #:

Truck # / Driver:

49 / CHAS

ACM / Mold / Lead / Other

Work Area:

PHASE 3 PART 1 & 2

## Daily Construction Report

### Description of Work Performed:

PHASE 3 PART 1 - CONTINUE REMOVAL PLASTER / MESH / BLACK IRON  
LOAD OUT WASTE, PAUL CLEAN / FINAL CLEAN

PHASE 3 PART 2 - FINISH SET UP

INSTALL SPIDER BOXES / LOAD OUT STORED WASTE


### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	-.08	-.09	-.09	
Supervisor:				
SUANE NIZIOCK	A43597	S	7:00 12:00 12:30 4:30 9.0	
CHAD CARROSA	A33063	W	6:00 12:00 12:30 6:30 12.0	
BRAD ALTHOFF	A45730	W	7:00 12:00 12:30 5:30 10.0	
JASON HOWARD	A42060	W	7:00 12:00 12:30 5:30 10.0	
REYNAL V. RAMIREZ CA	A58200	W	7:00 12:00 12:30 5:30 10.0	
JONAS VARGAS	A58114	W	7:00 12:00 12:30 5:30 10.0	
OMAR A GRANADOS BERNALDES	A54503	W	7:00 12:00 12:30 5:30 10.0	
CRUZ TORRES	A58158	W	7:00 12:00 12:30 5:30 10.0	
JOSE CASTRO	A58233	W	7:00 12:00 12:30 5:30 10.0	
OSMIN E. LOPEZ HERRERA	A44679	W	7:00 12:00 12:30 5:30 10.0	
NOHEMI ZANORAN	A57748	W	7:00 12:00 12:30 5:30 10.0	
ARIEL RIVERA	A58105	W	7:00 12:00 12:30 5:30 10.0	

### Work Inspection

5 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Safety Meeting: OVER HEAD DOLLO, FALLING DEBRIS,  
LADDERS, SCISSOR LIFTS, OTHER TRAPERS,  
LOAD OUT, ELECTRICAL & PLUMBING LINES,  
SLIP/TRIP HAZ, PUNCH POINTS

Asbestos Waste				Dumpster	EME	Onsite
~~Friable~~		~~ Non-Friable~~		Status of Job		
Bags		Bags	<input checked="" type="checkbox"/>	Project On-going - someone to return		
Drums		Drums	Note:			
Bundles		Bundles		Complete - no one will need to return		



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Today's Date:

6-29-22

Job #:

22-025

Day:

Wednesday

Job Name:

Community H.S

Week Ending Date:

7-03-22

PO# / Work Order #:

Truck # / Driver:

44 / Chad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area:

Phase 3 Phase 4

Description of Work Performed:

Started to set up Phase 4. Putting  
in floors.


Visitors to Site / Inspections Made:

Manometer Readings	Start:	inches water	Middle:	inches water	End:	inches water	Notes:
	0.09		0.08		0.08		
Supervisor:	Chad Grossa	A33063	S	600	1200	1230	630 12
	Brad Altherr	A45730	W	700	1200	1230	530 10
	Reyna Ramirez	A58200	W	700	1200	1230	530 10
	Thomson Vargas	A58114	W	700	1200	1230	530 10
	omar Granados	A54503	W	700	1200	1230	530 10
	Cruz Torres	A58158	W	700	1200	1230	530 10
	Ines Castro	A58233	W	700	1200	1230	530 10
	OSMR Lopez Herrera	A46719	W	700	1200	1230	530 10
	Noemi Zamora	A57748	W	700	1200	1230	530 10
	Ariel Rivera	A58105	W	700	1200	1230	530 10

### Work Inspection

Safety Meeting: GFI with all electrical  
and power tools. pinch points.

5 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Asbestos Waste		Dumpster	EME	<input checked="" type="checkbox"/> Onsite
~Friable~	~Non-Friable~	Status of Job		
Bags	Bags	<input checked="" type="checkbox"/>	Project On-going - someone to return	
Drums	Drums	Note: 		
Bundles	Bundles		Complete - no one will need to return	





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Today's Date: 6-30-22

Job #: 22-025

Day: Thursday

Job Name: Community HS

Week Ending Date: 7-03-22

PO# / Work Order #:

Truck # / Driver: 49 / Chad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 3 Phase 4

Description of Work Performed: Phase 3 continue removal Plaster / mesh  
black iron. Load out waste. Final clear  
Phase 2. Final clear Phase 3, Set up  
Phase 4.

Visitors to Site / Inspections Made: Jess Cheney, Mike Kelly

Manometer Readings	Start: 007 inches water	Middle: 0-07 inches water	End: 0-08 inches water	Notes: 1000 drums + equip A.M
Supervisor: Chad Grossa	A 33063	S	530 1200 1230 630	1242 Chad waste
Brad Altherr	A 45730	W	700 1200 1230 530	10
Jason Howard	A 42060	W	700 1200 1230 530	10
Nate Hill	A 30676	W	700 1200 1230 530	10
Reyna Ramirez	A 58200	W	700 1200 1230 530	10
Jonathan Vargas	A 58114	W	700 1200 1230 530	10
Omar Gonzalez	A 54503	W	700 1200 1230 530	10
Cruz Torres	A 58158	W	700 1200 1230 530	10
Ines Castro	A 58233	W	700 1200 1230 530	10
Osmin Herrera	A 46719	W	700 1200 1230 530	10
Noemi Zambra	A 57748	W	700 1200 1230 530	10
Ariel Rivera	A 58105	W	700 1200 1230 530	10

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Safety Meeting: Ladder Safety. Mo- lift  
Safety awareness of surroundings  
Eye Protection.

Asbestos Waste		Dumpster	EME	Onsite
~Friable~	~Non-Friable~	Status of Job		
Bags	Bags	X Project On-going - someone to return		
Drums	Drums	Note: A		
Bundles	Bundles	Complete *no one will need to return		



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Today's Date: 7-1-22  
Day: Friday  
Week Ending Date: 7-03-22

Job #: 22-025  
Job Name: Community H.S.  
PO# / Work Order #:

Truck # / Driver: 49 / Brad

ACM Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 3 Phase 4

Description of Work Performed: Final clean Phase 3 part 2.

set up Phase 4. Bag and Drum load out  
Phase 3 part 2.

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	0-08	0-06	0-07	loaded equip + Drums A.M
Supervisor:				
Chad Grossa	A 33063	S 700	1200 1230 530	10
Shane Niblock	A 43597	W 700	1200 1230 530	10
Brad Altherr	A 45730	W 530	1200 1230 630	12 1/2
Jason Howard	A 42060	W 700	1200 1230 530	10
Nate Hill	A 30676	W 700	1200 1230 530	10
Reyna Ramirez	A 58200	W 700	1200 1230 530	10
Thomson Vargas	A 58114	W 700	1200 1230 530	10
Omar Granados	A 54503	W 700	1200 1230 530	10
Cruz Torres	A 58158	W 700	1200 1230 530	10
Ives Castro	A 58233	W 700	1200 1230 530	10
Osmin Herrera	A 46719	W 700	1200 1230 530	10
Nicholas Zamora	A 57248	W 700	1200 1230 530	10
Arnel Rivera	A 58105	W 700	1200 1230 530	10

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Safety Meeting: Awareness of Surroundings.  
Proper PPE, etc and hand  
Protection while using power  
tools and demo.

Asbestos Waste		Dumpster	EME	<input checked="" type="checkbox"/> Onsite
~~Friable~~	~~ Non-Friable~~	Status of Job		
88	Bags	<input checked="" type="checkbox"/>	Project On-going - someone to return	
68	Drums	Note:		
	Bundles		Complete - no one will need to return	



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Today's Date: 7-5-22 Job #: 22-025  
Day: Tuesday Job Name: Community H.S.  
Week Ending Date: 7-10-22 PO# / Work Order #:  
Truck # / Driver: 49 / Chad ☒ ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 3 part 2 Phase 4

Description of Work Performed: Finished up all Demo in Phase 3 part 2.

Set up in Phase 4.

Visitors to Site / Inspections Made: THINH NGUYEN ARCH

Manometer Readings	Start: 0-06 inches water	Middle: 0-06 inches water	End: 0-07 inches water	Notes:
Supervisor:				
Chad Grossa	A 33063	S 600	1200 1230 630	12 Old Ladder
Brad Altherr	A 45730	W 700	1200 1230 530	10
Jason Howard	A 42060	W 700	1200 1230 530	10
Reyna Ramirez	A 58200	W 700	1200 1230 530	10
Thomson Vargas	A 58114	W 700	1200 1230 530	10
Emar Coronados	A 54503	W 700	1200 1230 530	10
Cruz Torres	A 58158	W 700	1200 1230 530	10
Ines Castro	A 58233	W 700	1200 1230 530	10
Osmin Lopez Herrera	A 46719	W 700	1200 1230 530	10
Noahem Zamora	A 57748	W 700	1200 1230 530	10
Ariel Rivera	A 58105	W 700	1200 1230 530	10

### Work Inspection

5 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		

Safety Meeting: Power tool safety, eye and hand protection. Pinch points with all electrical cords. WFT with all electrical.

### Asbestos Waste

~Friable~	~Non-Friable~	Status of Job
Bags	Bags	<input checked="" type="checkbox"/> Project On-going - someone to return
Drums	Drums	Note:
Bundles	Bundles	<input checked="" type="checkbox"/> Complete - no one will need to return

Dumpster EME ☒ Onsite



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Today's Date: 7-6-22

Job #: 22025

Day: Wednesday

Job Name: Community H.S

Week Ending Date: 7-10-22

PO# / Work Order #:

Truck # / Driver: 49 Chad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 3 part 2 Phase 4

Description of Work Performed: Final cleared Phase 3 part 2. Put in new floor. Lock down.

Finished Set up in Phase 4 before lunch. After lunch began to remove plaster and mesh.

Visitors to Site / Inspections Made: Thinh Nguyen Arch

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	0-12	0-10	0-10	Loaded Drums equip. A.M
Supervisor:				
Chad Grossa	A33063	S 530	1200 1230 630	12 1/2
Brad Altherr	A45730	W 630	1200 1230 530	10 1/2
Reyna Ramirez	A 58200	W 700	1200 1230 530	10
Johnsell Vargas	A 58114	W 700	1200 1230 530	10
Gmar Coronados	A 54503	W 700	1200 1230 530	10
Cruz Torres	A 58158	W 700	1200 1230 530	10
Ines Castro	A 58233	W 700	1200 1230 530	10
Osmin Lopez Heredia	A 46719	W 700	1200 1230 530	10
Nahemi Zamora	A 57748	W 700	1200 1230 530	10
Ariel Rivera	A 58105	W 700	1200 1230 530	10

### Work Inspection

Safety Meeting: Awareness of surroundings.

Slip and trip hazards.  
Proper hydration, no lift  
Safety

Asbestos Waste Dumpster EME Onsite

~Friable~ ~Non-Friable~ Status of Job

Bags Bags Project On-going - someone to return

Drums Drums Note:

Bundles Bundles Complete - no one will need to return

5 # of Neg. Air Machines Y N n/a

Decontamination unit functioning properly

Barriers intact and sound

Air monitors in place

Protective equipment used and functioning

Air samples collected and identified

Work area secure

Personnel decontaminated





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Today's Date: 7-7-22

Job #: 22-025

Day: Thursday

Job Name: Community  
H.S

Week Ending Date: 7-10-22

PO# / Work Order #:

Truck # / Driver:  
491 Chad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 3 part 2 Phase 4, 5

### Description of Work Performed:

Clearance passed Phase 3 part 2. tear down containment.  
Received a dumpster switchout. Filled new Dumpster.  
continued demo plaster Black iron in Phase 4.  
Load out waste Phase 4. Set-up Phase 5.

### Visitors to Site / Inspections Made:

thinh NGUYEN Arch

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	0.09	0.09	0.08	loaded Drums and equip.
Supervisor:				
Chad Grossa	A33063	S	530 1200 1230 630	12 1/2
Brad Altherr	A45730	W	630 1200 1230 530	10 1/2
Reyna Ramirez	A58200	W	700 1200 1230 530	10
John Sell Vargas	A58114	W	700 1200 1230 530	10
Omar Granados	A54503	W	700 1200 1230 530	10
Cruz Torres	A58158	W	700 1200 1230 530	10
Ives Castro	A58233	W	700 1200 1230 530	10
Osmin Lopez Herrera	A46719	W	700 1200 1230 530	10
Noahemi Zamora	A57748	W	700 1200 1230 530	10
Ariel Rivera	A58105	W	700 1200 1230 530	10

### Work Inspection

5	# of Neg. Air Machines	Y	N	n/a
	Decontamination unit functioning properly	X		
	Barriers intact and sound	X		
	Air monitors in place	X		
	Protective equipment used and functioning	X		
	Air samples collected and identified	X		
	Work area secure	X		
	Personnel decontaminated	X		

### Safety Meeting:

All electrical safety.  
GFI. Heat Stroke Safety.  
proper lifting technique while  
loading Dumpster.

Asbestos Waste		Dumpster	EME	Onsite
--Friable--		Status of Job		
92	Bags			
79	Drums			
	Bundles			
		X	Project On-going - someone to return	
		Note:	Complete - no one will need to return	



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Today's Date: 7-8-22

Job #: 22-025

Day: Friday

Job Name: Community H.S.

Week Ending Date: 7-10-22

PO# / Work Order #:

Truck # / Driver: 49 / Chad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 4, Phase 5, <sup>Basement</sup> Electrical

### Description of Work Performed:

Start to final clean Phase 4, Do all cut outs and encaps them. Finish phase 5 set-up except for shower. Set up for phase 3 cutouts phase 2 cut outs and phase

### Visitors to Site / Inspections Made:

thinh NGUYEN Arch

Manometer Readings	Start: 0.08 inches water	Middle: 0.08 inches water	End: 0.09 inches water	Notes:
Supervisor:				
Chad Grossa	A33063	S 600	1200 1230 630	12 Chad Grossa
Brad Altherr	A45730	W 700	1200 1230 530	10
Reyna Ramirez	A58200	W 700	1200 1230 530	10
Thonell Vargas	A58114	W 700	1200 1230 530	10
Omar Granados	A54503	W 700	1200 1230 530	10
Cruz Torres	A58158	W 700	1200 1230 530	10
Ives Castro	A58233	W 700	1200 1230 530	10
Osmin Lopez Herrera	A46719	W 700	1200 1230 530	10
Noemi Zamora	A57748	W 700	1200 1230 530	10
Ariel Rivera	A58105	W 700	1200 1230 530	10

### Work Inspection

Safety Meeting: Ladder Safety, proper hydration, Housekeeping, clean up clutter, elevate cards.

Asbestos Waste		Dumpster	EME	Onsite
---Friable---	---Non-Friable---	Status of Job		
Bags	Bags	<input checked="" type="checkbox"/> Project On-going - someone to return		
Drums	Drums	Note:		
Bundles	Bundles	Complete - no one will need to return		

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		





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Today's Date: 7-9-22

Job #: 22-025

Day: Saturday

Job Name: community H.S

Week Ending Date: 7-10-22

PO# / Work Order #:

Truck # / Driver: 49 / Chad

ACM / Mold / Lead / Other

## Daily Construction Report

### Description of Work Performed:

Did Small Square cut outs. 12 each  
Small Cleared Phase 4. Set up individual  
containments for cut outs.

### Visitors to Site / Inspections Made:

thinh NGUYEN Arch

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	0-06	0-06	0-05	
Supervisor:				
Chad Corossa	A 33063	S 600	1200 1230 430	10 Chad Corossa
Brad Altherr	A 45730	W 700	1200 1230 330	8
Reyna Ramirez	A 58200	W 700	1200 1230 330	8
Shonell Vargas	A 58114	W 700	1200 1230 330	8
Emor Granados	A 54503	W 700	1200 1230 330	8
Cruz Torres	A 58158	W 700	1200 1230 330	8
Ines Castro	A 58233	W 700	1200 1230 330	8
OSMR Lopez Herrera	A 46719	W 700	1200 1230 330	8
Nohemí Zamora	A 57748	W 700	1200 1230 330	8
Ariel Rivera	A 58105	W 700	1200 1230 330	8

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		

### Safety Meeting:

Power tool Safety  
Eye Protection while using  
Hilti And or any power tool.  
Hand Protection as well

### Asbestos Waste

### Dumpster

EME

Onsite

~Friable~

~Non-Friable~

### Status of Job

Bags

Bags

☒ Project On-going - someone to return

Drums

Drums

Note:

Bundles

Bundles

Complete - no one will need to return



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Today's Date:

7-11-22

Job #:

22-025

Day:

Monday

Job Name: community  
H.S

Week Ending Date:

7-17-22

PO# / Work Order #:

Truck # / Driver:

49 / chad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area:

Phase 5 Phase 6

Description of Work Performed:

Started demo of plaster and black  
iron in Phase 5.

Set-up Phase 6.

Running clearance in Phase 4

Visitors to Site / Inspections Made:

Arch

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	0-08	0-08	0-09	Loaded Drum equip A.M
Supervisor:				
Chad Grossa	A33063	S	530 1200 1230 630	12.5
Brad Altherr	A46730	W	700 1200 1230 530	10
Reyna Ramirez	A58200	W	700 1200 1230 530	10
Thomson Vargas	A58114	W	700 1200 1230 530	10
Orner Granados	A54503	W	700 1200 1230 530	10
Cruz Torres	A58158	W	700 1200 1230 530	10
Imes Castro	A58233	W	700 1200 1230 530	10
Osmir Lopez Herrera	A46719	W	700 1200 1230 530	10
Noemi Zamora	A57748	W	700 1200 1230 530	10
Ariel Rivera	A58105	W	700 1200 1230 530	10

### Work Inspection

Safety Meeting: 60ft with all electrical  
pinch points. hand and eye  
protection while using power  
tools.

5	# of Neg. Air Machines	Y	N	n/a
	Decontamination unit functioning properly	X		
	Barriers intact and sound	X		
	Air monitors in place	X		
	Protective equipment used and functioning	X		
	Air samples collected and identified	X		
	Work area secure	X		
	Personnel decontaminated	X		

Asbestos Waste		Dumpster	EME	Onsite
~Friable~	~Non-Friable~			
Bags	Bags			
Drums	Drums			
Bundles	Bundles			
Status of Job				
Project On-going - someone to return				
Note: 22				
Complete - no one will need to return				



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Today's Date: 7-12-22

Job #: 22-025

Day: Tuesday

Job Name: Community  
H.S.

Week Ending Date: 7-17-22

PO# / Work Order #:

Truck # / Driver: 49 Chad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 4, 5, 6

Description of Work Performed: Continued demo and black iron  
in Phase 5.

Clearance Phase 4

Loaded Dumpster P.M.

Set-up Phase 6.

Visitors to Site / Inspections Made:

Arch

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
Supervisor:	0-07	0-06	0-06	
Chad Grossa	A33063	S 600	1200 1230 630	10 Chad Grossa
Brad Altherr	A46730	W 700	1200 1230 530	10
Reyna Ramirez	A58200	W 700	1200 1230 530	10
Jhonell Vargas	A58114	W 700	1200 1230 530	10
Omar Granados	A54503	W 700	1200 1230 530	10
Cruz Torres	A58158	W 700	1200 1230 530	10
Ives Castro	A58233	W 700	1200 1230 530	10
Osmin Lopez Herrera	A46719	W 700	1200 1230 530	10
Nohemi Zamora	A57748	W 700	1200 1230 530	10
Ariel Rivera	A58105	W 700	1200 1230 530	10

### Work Inspection

Safety Meeting: Slip and trip hazards.  
Heat safety proper hydration.  
Housekeeping. Man lift safety.

Asbestos Waste		Dumpster	EME	Onsite
~Friable~	~Non-Friable~	Status of Job		
121 Bags	Bags	Project On-going - someone to return		
78 Drums	Drums	Note:		
Bundles	Bundles	Complete - no one will need to return		

5 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		



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Today's Date:

7-13-22

Job #:

22-025

Day:

Wednesday

Job Name:

H.S. Community

Week Ending Date:

7-17-22

PO# / Work Order #:

Truck # / Driver:

491 Chad.

ACM

Mold / Lead / Other

## Daily Construction Report

Work Area:

Phase 4, Phase 2

### Description of Work Performed:

Set up Phase 1 for 13 cut out's. After lunch completed phase 2 clearance and tear down.

Set-up Phase 2 and 2 hallway to Demo soffits. And squares.

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	-09	-09	-08	Loaded Drums equip AM
Supervisor:				
Chad Grossa	A33063	S 530	1200 1230 630	1242 Chad Grossa
Reyna Ramirez	A58200	W 700	1200 1230 530	10
Thonell Vargas	A58114	W 700	1200 1230 530	10
Omor Granados	A54503	W 700	1200 1230 530	10
Cruz Torres	A58158	W 700	1200 1230 530	10
Mes Castro	A58233	W 700	1200 1230 530	10
OSmin Lopez Herrera	A46719	W 700	1200 1230 530	10
Nohemi Zamora	A57748	W 700	1200 1230 530	10
Arriel Rivera	A58105	W 700	1200 1230 530	10

### Work Inspection

### Safety Meeting:

mon. 1st Safety. Eye protection and hand protection make sure ladder is open while in use.

Asbestos Waste		Dumpster	EME	Onsite
~Friable~	~Non-Friable~	Status of Job		
Bags	Bags	Project On-going - someone to return		
Drums	Drums	Note: 40		
Bundles	Bundles	Complete - no one will need to return		

5 # of Neg. Air Machines Y N n/a

Decontamination unit functioning properly ☒ ☐ ☐

Barriers intact and sound ☒ ☐ ☐

Air monitors in place ☒ ☐ ☐

Protective equipment used and functioning ☒ ☐ ☐

Air samples collected and identified ☒ ☐ ☐

Work area secure ☒ ☐ ☐

Personnel decontaminated ☒ ☐ ☐





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Today's Date: 7-14-22

Day: Thursday

Week Ending Date: 7-17-22

Truck # / Driver: Chad / Personal

Job #: 22-025

Job Name: Community H.S.

PO# / Work Order #:

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 1 and 2 Hallway

Description of Work Performed: Continued to Set-up Hallways full containment.

Began to demo soffits and cut outs.

### Visitors to Site / Inspections Made:

Manometer Readings	Start: 0.10 inches water	Middle: -11 inches water	End: -10 inches water	Notes: Loaded equip. A.M
Supervisor: Chad Grosso	A 33063	S 600	1200 1230	6 Chad Grosso
Reyna Ramirez	A 58200	W 700	1200 1230 530	10
Thansell Vargas	A 58114	W 700	1200 1230 530	10
Amor Granados	A 54503	W 700	1200 1230 530	10
Cruz Torres	A 58158	W 700	1200 1230 530	10
Ines Castro	A 58233	W 700	1200 1230 530	10
Osmin Lopez Herrera	A 46719	W 700	1200 1230 530	10
Nohemi Zamoran	A 57748	W 700	1200 1230 530	10
Ariel Rivera	A 58105	W 700	1200 1230 530	10
Brad Allen	A 45730	S	1230 1300	6

### Work Inspection

5 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Safety Meeting: Making sure everything has a GFI. Heat safety. pinch points, elevate all electrical cords.

### Asbestos Waste

Dumpster ☐ EME ☒ Onsite

---Friable---

--- Non-Friable---

### Status of Job

128 Bags	Bags	X Project On-going - someone to return
21 Drums	Drums	Note:
Bundles	Bundles	Complete - no one will need to return



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Today's Date:

7-15-22

Job #:

22-025

Day:

Friday

Job Name:

H.S. Community

Week Ending Date:

7-15-22

PO# / Work Order #:

Truck # / Driver:

Brad / 54

(ACM) / Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 1 hallway complete / Phase 2 hallway set-up

Description of Work Performed:

Finished containment, loaded out all waste,  
set-up next containment for tomorrow

Visitors to Site / Inspections Made:

Manometer Readings

Start:

0 - 09 inches water

Middle:

- 11 inches water

End:

- 10 inches water

Notes: Loaded truck AM

Supervisor:

Brad Altherr

A45730

S

600

1200

1230

630

12

Read Accure

Reyna Ramirez

A58200

W

700

1200

1230

530

10

Thonell Vorges

A58114

W

700

1200

1230

530

10

Omara Granados

A54503

W

700

1200

1230

530

10

Cruz Torres

A58158

W

700

1200

1230

530

10

Ines Castro

A58233

W

700

1200

1230

530

10

Osmin Lopez Hertera

A46719

W

700

1200

1230

530

10

Nohemi Zamoran

A57748

W

700

1200

1230

530

10

Ariel Rivera

A58105

W

700

1200

1230

530

10

Work Inspection

Safety Meeting: Keeping electrical cords elevated

5

# of Neg. Air Machines

Y N n/a

Decontamination unit functioning properly

X

Barriers intact and sound

X

Air monitors in place

X

Protective equipment used and functioning

X

Air samples collected and identified

X

Work area secure

X

Personnel decontaminated

X

trip / fall hazards

safety glasses, gloves while removing plaster

Asbestos Waste

Dumpster

EME

X Onsite

---Friable---

---Non-Friable---

Status of Job

12

Bags

Bags

X Project On-going - someone to return

10

Drums

Drums

Note:

Bundles

Bundles

Complete - no one will need to return





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Today's Date: 7-16-22

Job #: 22-025

Day: Saturday

Job Name: H.S. Community

Week Ending Date: 7-17-22

PO# / Work Order #:

Truck # / Driver: Brad / Personal

(ACM) Mold / Lead / Other

## Daily Construction Report

Work Area: Phase 2 Hallway

### Description of Work Performed:

Removed last bulk head, 2 cut outs  
installed 3 unistrut working on more unistrut to finish

### Visitors to Site / Inspections Made:

Manometer Readings	Start: 0 -10 inches water	Middle: -11 inches water	End: -10 inches water	Notes: Loaded equipment A.M.
Supervisor:				
Brad Altherr	A45130	S 6	1200 1230 330	9 Bradly Altherr
Chris Gibson	A37296	W 7	1200 1230 330	8
Reyna Ramirez	A58200	W 7	1200 1230 330	8
Shonsell Vorges	A58114	W 7	1200 1230 330	8
Omar Granados	A54503	W 7	1200 1230 330	8
Cruz Torres	A58158	W 7	1200 1230 330	8
Ines Castro	A58233	W 7	1200 1230 330	8
Osmin Lopez Herrera	A46719	W 7	1200 1230 330	8
Nohemi Zamoran	A57148	W 7	1200 1230 330	8
Ariel Rivera	A58105	W 7	1200 1230 330	8

### Work Inspection

Safety Meeting: Slip and fall hazards when walking on poly

2 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Asbestos Waste		Dumpster	EME	X Onsite
~Friable~	~Non-Friable~	Status of Job		
6 Bags				Project On-going - someone to return
2 Drums				Note: e
Bundles				Complete - no one will need to return



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Today's Date: 7-18-22

Job #: 22-025

Day: Monday

Job Name: Community HHS

Week Ending Date: 7-23-22

PO# / Work Order #:

Truck # / Driver: 52/Brad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Hallways 3 Phase 3 classroom

### Description of Work Performed:

Installed three unistrut final cleaned / lockdown hallway. Tore down the rest of cinder in classroom phase 3. Also Setup 2 small cut-outs in hallway

### Visitors to Site / Inspections Made:

Manometer Readings	Start: 0.06 - 0.09 inches water	Middle: 0.8 - 0.01 inches water	End: 0.08 - 0.08 inches water	Notes:
Supervisor:				
Brad Altherr	A45730	S	600 1200 1230 630 12	Final Check
Chris Treglown	A36314	W	700 1200 1230 530 10	
Tony Gillow	A39685	W	700 1200 1230 530 10	
Reyna Ramirez	A58200	W	700 1200 1230 530 10	
Thomson Vorges	A58114	W	700 1200 1230 530 10	
Omar Granados	A54507	W	700 1200 1230 530 10	
Cruz Torres	A58158	W	700 1200 1230 530 10	
Ines Castro	A58233	W	700 1200 1230 530 10	
Osmin Lopez Herrera	A46719	W	700 1200 1230 530 10	
Nohemi Zamaran	A57748	W	700 1200 1230 530 10	
Ariel Rivera	A58105	W	700 1200 1230 530 10	

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

### Safety Meeting:

Any all electrical cards properly with all GFCI, make sure wearing safety glasses or full face when working overhead

### Asbestos Waste

~Friable~	~Non-Friable~	Dumpster	EME	Onsite
4 Bags	Bags	X		
2 Drums	Drums	Note:		
Bundles	Bundles	Complete - no one will need to return		

### Status of Job

Project On-going - someone to return

Complete - no one will need to return



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Today's Date: 7-19-22

Job #: 22-025

Day: Tuesday

Job Name: Community H.S

Week Ending Date: 7-23-22

PO# / Work Order #:

Truck # / Driver:  
52/Brad

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area: Tore down hallway finish phase 3 / begin phase 4

Description of Work Performed: Tore down polly moved shower to next containment  
Finished phase 3 containment. Finished 2 small cutouts in hallway

### Visitors to Site / Inspections Made:

Manometer Readings	Start: 7:08 - 7:10 inches water	Middle: 0:08 - 0:09 inches water	End: 0:09 - 0:09 inches water	Notes:
Supervisor:				
Brad Altherr	A45730	S	6:20 1200 1230 630 12	Prudent Alex
Chris Treglown	A36314	W	7:00 1200 1230 530 10	
Reyna Ramirez	A58200	W	7:00 1200 1230 530 10	
Shansell Vorges	A58114	W	7:00 1200 1230 530 10	
Omar Grangelos	A54503	W	7:00 1200 1230 530 10	
Cruz Torres	A58158	W	7:00 1200 1230 530 10	
Ines Costio	A58233	W	7:00 1200 1230 530 10	
Osmin Lopez Herrera	A46719	W	7:00 1200 1230 530 10	
Nohemi Zamoran	A57148	W	7:00 1200 1230 530 10	
Artel Rivera	A58105	W	7:00 1200 1230 530 10	

### Work Inspection

Safety Meeting: Being safe on ladders not going past legal step. Being aware while using scissor lifts

Asbestos Waste		Dumpster	EME	Onsite
~Friable~	~Non-Friable~	Status of Job		
10 Bags	Bags	Project On-going - someone to return		
15 Drums	Drums	Note: Complete - no one will need to return		
Bundles	Bundles			

4 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		



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Today's Date: 7-10-22

Job #: 22-025

Day: Wednesday

Job Name: Community H.S.

Week Ending Date: 7-23-22

PO# / Work Order #:

Truck # / Driver: 52 / Brad

(ACM) / Mold / Lead / Other

Work Area: Phase 5 got into removing ceiling loaded out waste

## Daily Construction Report

### Description of Work Performed:

Plaster ceiling removal with wire mesh, double bag and loadout into dumpster  
all the waste created.

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
Supervisor:				
Brad Altman	A45730	S 600	1200 1230 630	12 Brad Altman
Chris Tregloan	A36314	W 700	1200 1230 530	10
Reyna Ramirez	A58200	W 700	1200 1230 530	10
Thorell Vorges	A58114	W 700	1200 1230 530	10
Omar Granados	A54503	W 700	1200 1230 530	10
Ines Castro	A58233	W 700	1200 1230 530	10
Cruz Torres	A58158	W 700	1200 1230 530	10
Osmin Lopez Herrera	A46719	W 700	1200 1230 530	10
Nohemi Zamora	A57746	W 700	1200 1230 530	10
Ariel Rivera	A58105	W 700	1200 1230 530	10

### Work Inspection

4 # of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	X		
Barriers intact and sound	X		
Air monitors in place	X		
Protective equipment used and functioning	X		
Air samples collected and identified	X		
Work area secure	X		
Personnel decontaminated	X		

Safety Meeting: Be careful with wire mesh use gloves take your time

### Asbestos Waste

Dumpster EME X Onsite

~Friable~	~Non-Friable~	Status of Job
160 Bags	Bags	X Project On-going - someone to return
Drums	Drums	Note:
Bundles	Bundles	Complete - no one will need to return



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Today's Date:

07/21/22

Job #:

22-025

Day:

THUR

Job Name:

COMMUNITY H.S.

Week Ending Date:

07/24/22

PO# / Work Order #:

Truck # / Driver:

52 BRAD

ACM Mold / Lead / C her

## Daily Construction Report

Work Area:

PHASE 5 & 6 / 2ND FLOOR S.E. CORRIDOR

### Description of Work Performed:

REMOVAL - PLASTER / MESH / BLACK IRON, LOAD OUT WASTE,  
SET UP CORRIDOR, FOR ANKERS FOR LIGHTS, & CUT-OUT,  
SET UP PHASE 6 PART 2  
TEAR DOWN PHASE 5

### Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
	- 10	- 10	- 10	
Supervisor:				
SHANE NIBLOCK	A43577	S	7:00 12:00 12:30 5:30 10.0	
BRAD ALTHORP	A45730	W	6:00 12:00 12:30 6:15 11.75	
REYNA RAMIREZ	A58200	W	7:00 12:00 12:30 5:30 10.0	
JHASELL VARGAS	A58114	W	7:00 12:00 12:30 5:30 10.0	
OMAR CORANANOS	A54503	W	7:00 12:00 12:30 5:30 10.0	
CRUZ TORRES	A58158	W	7:00 12:00 12:30 5:30 10.0	
INES CASTRO	A58233	W	7:00 12:00 12:30 5:30 10.0	
OSMIN LOPEZ HERRERA	A46719	W	7:00 12:00 12:30 5:30 10.0	
NOHEMI ZAMBRAN	A57748	W	7:00 12:00 12:30 5:30 10.0	
ADIEL RIVERA	A58105	W	7:00 12:00 12:30 5:30 10.0	

### Work Inspection

# of Neg. Air Machines	Y	N	n/a
Decontamination unit functioning properly	<input checked="" type="checkbox"/>		
Barriers intact and sound	<input checked="" type="checkbox"/>		
Air monitors in place	<input checked="" type="checkbox"/>		
Protective equipment used and functioning	<input checked="" type="checkbox"/>		
Air samples collected and identified	<input checked="" type="checkbox"/>		
Work area secure	<input checked="" type="checkbox"/>		
Personnel decontaminated	<input checked="" type="checkbox"/>		

### Safety Meeting:

OVER HEAD DEND, FALLING DEBRIS,  
LADDERS, SCISSOR LIFTS, POWER TOOLS,  
LOAD OUT

Asbestos Waste	Dumpster	EME	Onsite
~~Friable~~	~~Non-Friable~~		
Bags	Bags	<input checked="" type="checkbox"/>	Project On-going - someone to return
Drums	Drums	Note:	
Bundles	Bundles		Complete - no one will need to return





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Today's Date:

07/22/22

Job #:

22-025

Day:

Fri

Job Name:

COMMUNITY H.S.

Week Ending Date:

07/24/22

PO# / Work Order #:

Truck # / Driver:

52 / SHANE

ACM / Mold / Lead / Other

Work Area:

PHASE 6 / 2ND FLOOR  
S.E. CORRIDOR

## Daily Construction Report

Description of Work Performed:

REMOVAL - PLASTER / MESH / BLACK IRON, LOADS OUT -  
WASTE, FINAL CLEAN

INSTALL - ANCHORS AND RE-HANG LIGHTS IN  
S.E. CORRIDOR & REMOVAL OF ONE LIT-OUT

Visitors to Site / Inspections Made:

Manometer Readings	Start: inches water	Middle: inches water	End: inches water	Notes:
Supervisor:	Start: .09	Middle: .09	End: .09	
SHANE NIBLOCK	A43597	S 6:00	12:00 12:30 6:00	11.5
BRAD ALVAREZ	A45730	W 7:00	12:00 12:30 5:30	10.0
REYNA RAMIREZ	A58200	W 7:00	12:00 12:30 5:30	10.0
HANKS JARVIS	A58114	W 7:00	12:00 12:30 5:30	10.0
OMAR CORANADO	A54503	W 7:00	12:00 12:30 5:30	10.0
LUZ TORRES	A58150	W 7:00	12:00 12:30 5:30	10.0
INES CASTRO	A58233	W 7:00	12:00 12:30 5:30	10.0
OSMIN LOPEZ HERRERA	A46719	W 7:00	12:00 12:30 5:30	10.0
NOHEMI ZANORAN	A57748	W 7:00	12:00 12:30 5:30	10.0
ARIEL RIVERA	A58105	W 7:00	12:00 12:30 5:30	10.0

### Work Inspection

6	# of Neg. Air Machines	Y	N	n/a
	Decontamination unit functioning properly	X		
	Barriers intact and sound	X		
	Air monitors in place	X		
	Protective equipment used and functioning	X		
	Air samples collected and identified	X		
	Work area secure	X		
	Personnel decontaminated	X		

### Safety Meeting:

OVER HEAD DANG. FALLING DEBRIS,  
LADDERS, SCISSOR LIFT, POWER TOOLS, LOADS OUT

### Asbestos Waste

### Dumpster

EME

Onsite

~Friable~

~Non-Friable~

### Status of Job

Bags

Bags

Project On-going - someone to return

Drums

Drums

Note:

Bundles

Bundles

Complete - no one will need to return





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Today's Date:

7-23-22

Job #:

22-025

Day:

Saturday

Job Name: Community  
H.S.

Week Ending Date:

7-24-22

PO# / Work Order #:

Truck # / Driver:

Personal

ACM / Mold / Lead / Other

## Daily Construction Report

Work Area:

Phase 6, Hallway

### Description of Work Performed:

Final cleaned Phase 6 Get it ready for clearance. Do all cut outs in the rooms. tear down containment in Hallway reclean. Clean off lifts. Lock down all of Phase 6. Put in new poly floors in Phase 6.

### Visitors to Site / Inspections Made:

Arch film

Manometer Readings	Start:	inches water	Middle:	inches water	End:	inches water	Notes:
Supervisor:							
Chad Grossa	A33063	S	700	1100	1130	330	8 Chad Grossa
Reyna Ramirez	A58200	W	700	1100	1130	330	8
Johnson Vargas	A58114	L	700	1100	1130	330	8
Omar Coronados	A54503	W	700	1100	1130	330	8
Cruz Torres	A58158	W	700	1100	1130	330	8
Ines Castro	A58233	W	700	1100	1130	330	8
Osmir Lopez Herrera	A46719	W	700	1100	1130	330	8
Nohemi Zamora	A57748	W	700	1100	1130	330	8
Ariel Rivera	A58105	W	700	1100	1130	330	8

### Work Inspection

### Safety Meeting:

Proper eye protection while using power tools. Slip and trip hazards. GFI with all electrical. Housekeeping. PPE at all points.

Asbestos Waste		Dumpster	EME	Onsite
~Friable~	~Non-Friable~			
Bags	Bags	<b>Status of Job</b> <input checked="" type="checkbox"/> Project On-going - someone to return Note: <i>OB</i> <input type="checkbox"/> Complete - no one will need to return		
Drums	Drums			
Bundles	Bundles			

5 # of Neg. Air Machines Y N n/a

Decontamination unit functioning properly ☒ ☐ ☐

Barriers intact and sound ☒ ☐ ☐

Air monitors in place ☒ ☐ ☐

Protective equipment used and functioning ☒ ☐ ☐

Air samples collected and identified ☒ ☐ ☐

Work area secure ☒ ☐ ☐

Personnel decontaminated ☒ ☐ ☐



25 YEARS  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day: S M T W T F S 01/25/22

Job #: 22-025

Week Ending Date: 01/31/22

Job Name: Community H.S.

Truck #/Driver: 52 / [Signature]

ACM Mold / Lead / Other

Work Area: Cut Outs in Phase 1 & 3

Comments:

## Daily Construction Report

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other <u>Plaster</u>	<input checked="" type="checkbox"/>		

### The type of abatement conducted:

	Y	N	n/a
Removal	<input checked="" type="checkbox"/>		
Encapsulation	<input checked="" type="checkbox"/>		
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
LBP HEPA Power Tools	<input checked="" type="checkbox"/>		
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition			

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape	<input checked="" type="checkbox"/>		
Criticals Set-up	<input checked="" type="checkbox"/>		
Full/Mini Enclosure	<input checked="" type="checkbox"/>		
Plywood 2"x4" Structures			
AFD's Set-up Vented	<input checked="" type="checkbox"/>		
Isolation of HVAC system	<input checked="" type="checkbox"/>		
Poly Walls Floors Drops			
Portable/Full Decon Chamber			
Water System Set-up	<input checked="" type="checkbox"/>		
Electric GFCI's/Temp. Panel	<input checked="" type="checkbox"/>		
Scaffold/Bakers/5'x7'/Manlift			

### Personal protective equipment:

	Y	N	n/a
Respiratory protection	<input checked="" type="checkbox"/>		
Half-Face/Full-Face/PAPR's	<input checked="" type="checkbox"/>		
Disposable Suits	<input checked="" type="checkbox"/>		
Steel Toe/Rubber Boots	<input checked="" type="checkbox"/>		
Gloves Rubber/Cotton	<input checked="" type="checkbox"/>		
Safety Glasses/Full Face	<input checked="" type="checkbox"/>		
Hard hats/Hearing Protection	<input checked="" type="checkbox"/>		
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up	<input checked="" type="checkbox"/>		
Load Out Activities	<input checked="" type="checkbox"/>		
Surfactants/Ledizolv	<input checked="" type="checkbox"/>		
Wet Methods IAQ Shockwave	<input checked="" type="checkbox"/>		
HEPA Vacuum Sequence	<input checked="" type="checkbox"/>		
All Equip./Tools Cleaned	<input checked="" type="checkbox"/>		
Final Lockdown			
Work Area Teardown	<input checked="" type="checkbox"/>		
Final Worksite Walk-Thru			

### Inspections:

	Y	N	n/a
# of Neg. Air Machines	<input checked="" type="checkbox"/>		
Barriers Intact And Sound	<input checked="" type="checkbox"/>		
DECON/Shower Inspection	<input checked="" type="checkbox"/>		
Employee PPE Used	<input checked="" type="checkbox"/>		
Electrical Safety In Place	<input checked="" type="checkbox"/>		
OSHA Inspection Site Review			
Consultant/EME Monitoring	<input checked="" type="checkbox"/>		
Consultant/Supervisor Visual	<input checked="" type="checkbox"/>		
Personnel Decontaminated	<input checked="" type="checkbox"/>		
Work Area Inspected/Secure	<input checked="" type="checkbox"/>		

Consultant Firm: ABCI

Visual/Testing: AB/J.S.JAL

Representative Name: Trinh

Accreditation Number:

Manometer Readings Start: - .11 inches water Middle: - .11 inches water End: - .11 inches water Notes:

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
<u>[Signature]</u>	<u>A43597</u>	<u>S</u>	<u>6:00</u>	<u>12:00</u>	<u>12:30</u>	<u>4:45</u>	<u>11.75</u>	<u>[Signature]</u>
<u>ERIK RICHARDSON</u>	<u>A52387</u>	<u>W</u>	<u>7:00</u>	<u>12:00</u>	<u>12:30</u>	<u>5:30</u>	<u>10.0</u>	
<u>LENNY DOLAND</u>	<u>A54403</u>	<u>W</u>	<u>7:00</u>	<u>12:00</u>	<u>12:30</u>	<u>5:30</u>	<u>10.0</u>	

### Safety Issues:

### Asbestos Waste

### Dumpster

EME

Onsite

~Friable~

~Non-Friable~

### Status of Job

Bags

Bags

Project On-going - someone to return

Drums

Drums

Note:

Bundles

Bundles

Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: \_\_\_\_\_



**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day:  
S M T W T F S 01/24/22

Job #:  
12025

Week Ending Date:  
01/31/22

Job Name:  
Community H.S.

Truck #/Driver:  
52 / SHANE

ACM Mold / Lead / Other

Work Area:  
Phase 3 & 2

Comments:

## Daily Construction Report

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other			

### The type of abatement conducted:

	Y	N	n/a
Removal			
Encapsulation			
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
LBP HEPA Power Tools			
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition			

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape			
Criticals Set-up			
Full/Mini Enclosure			
Plywood 2"x4" Structures			
AFD's Set-up Vented			
Isolation of HVAC system			
Poly Walls Floors Drops			
Portable/Full Decon Chamber			
Water System Set-up			
Electric GFCI's/Temp. Panel			
Scaffold/Bakers/5'x7'/Manlift			

### Personal protective equipment:

	Y	N	n/a
Respiratory protection			
Half-Face/Full-Face/PAPR's			
Disposable Suits			
Steel Toe/Rubber Boots			
Gloves Rubber/Cotton			
Safety Glasses/Full Face			
Hard hats/Hearing Protection			
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up			
Load Out Activities			
Surfactants/Ledizolv			
Wet Methods IAQ Shockwave			
HEPA Vacuum Sequence			
All Equip./Tools Cleaned			
Final Lockdown			
Work Area Teardown			
Final Worksite Walk-Thru			

### Inspections:

	Y	N	n/a
# of Neg. Air Machines			
Barriers Intact And Sound			
DECON/Shower Inspection			
Employee PPE Used			
Electrical Safety In Place			
OSHA Inspection Site Review			
Consultant/EME Monitoring			
Consultant/Supervisor Visual			
Personnel Decontaminated			
Work Area Inspected/Secure			

Consultant Firm: DELTA

Representative Name: THINK

Visual/Testing: AIR / JEWEL

Accreditation Number:

Manometer Readings	Start:	inches water	Middle:	inches water	End:	inches water	Notes:
	- .06		- .06		- .06		

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
SHANE NIAVOKA	A43597	S	6:00	12:00	12:30	5:30	11.0	
LEIK RICHARDSON	A52387	W	7:00	12:00	12:00	4:30	9.0	
LENNY DOLLAND	A54603	W	7:00	12:00	12:30	4:30	9.0	

Safety Issues: POWER TOOLS, SLIP, TRIP

HAZ, LOAD OUT, OTHER TRADES, LADDERS, LIFTS

### Asbestos Waste

---Friable---	--- Non-Friable---
Bags	Bags
Drums	Drums
Bundles	Bundles

Dumpster ☐ EME ☒ Onsite

### Status of Job

☒ Project On-going - someone to return  
Note:  
☐ Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: \_\_\_\_\_

*(Signature)*



**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141

Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day:

S M T W T F S 01/27/22

Job #:

22-025

Week Ending Date:

07/31/22

Job Name:

COMMUNITY H.S.

Truck #/Driver:

52 / SHANE

ACM

Mold / Lead / Other

Work Area:

PHASE 10

Comments:

## Daily Construction Report

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other <u>Phase 10</u>			

### The type of abatement conducted:

	Y	N	n/a
Removal			
Encapsulation			
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
LBP HEPA Power Tools			
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition			

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape			
Criticals Set-up			
Full/Mini Enclosure			
Plywood 2"x4" Structures			
AFD's Set-up Vented			
Isolation of HVAC system			
Poly Walls Floors Drops			
Portable/Full Decon Chamber			
Water System Set-up			
Electric GFCI's/Temp. Panel			
Scaffold/Bakers/5'x7'/Manlift			

### Personal protective equipment:

	Y	N	n/a
Respiratory protection			
Half-Face/Full-Face/PAPR's			
Disposable Suits			
Steel Toe/Rubber Boots			
Gloves Rubber/Cotton			
Safety Glasses/Full Face			
Hard hats/Hearing Protection			
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up			
Load Out Activities			
Surfactants/Ledizolv			
Wet Methods IAQ Shockwave			
HEPA Vacuum Sequence			
All Equip./Tools Cleaned			
Final Lockdown			
Work Area Teardown			
Final Worksite Walk-Thru			

### Inspections:

	Y	N	n/a
# of Neg. Air Machines			
Barriers Intact And Sound			
DECON/Shower Inspection			
Employee PPE Used			
Electrical Safety In Place			
OSHA Inspection Site Review			
Consultant/EME Monitoring			
Consultant/Supervisor Visual			
Personnel Decontaminated			
Work Area Inspected/Secure			

Consultant Firm: ADCU

Visual/Testing: AIR / VISUAL

Representative Name: TIMM

Accreditation Number:

Manometer Readings Start: - inches water Middle: - inches water End: - inches water Notes:

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
<u>SHANE NIMACK</u>	<u>A43577</u>	<u>S</u>	<u>6:00</u>	<u>8:30</u>	<u>3:30</u>	<u>5:30</u>	<u>4.5</u>	
<u>ERIC RICHARDSON</u>	<u>A52387</u>	<u>W</u>	<u>7:00</u>	<u>12:00</u>	<u>12:30</u>	<u>4:30</u>	<u>9.0</u>	
<u>LENNY DOLLANDS</u>	<u>A54463</u>	<u>W</u>	<u>7:00</u>	<u>12:00</u>	<u>12:30</u>	<u>4:30</u>	<u>9.0</u>	

Safety Issues: LIFTS, LADDERS, LOAD-OUT, SLIP TRIP HAZ, OTHER TRIPS

### Asbestos Waste

~Friable~	~Non-Friable~
Bags	Bags
Drums	Drums
Bundles	Bundles

Dumpster

EME

☒ Onsite

### Status of Job

☒ Project On-going - someone to return

Note:

☐ Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: \_\_\_\_\_





**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day: **S M T W T F S 07/28/22**  
Week Ending Date: **07/31/22**  
Truck #/Driver: **52 / SUANE**  
Work Area: **PHASE 6**

Job #: **22-025**  
Job Name: **COMMUNITY H.S.**  
**ACM** / Mold / Lead / Other

## Daily Construction Report

Comments:

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other: <b>PLASTER</b>	<input checked="" type="checkbox"/>		

### The type of abatement conducted:

	Y	N	n/a
Removal			
Encapsulation	<input checked="" type="checkbox"/>		
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
LBP HEPA Power Tools			
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition			

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape			
Criticals Set-up			
Full/Mini Enclosure			
Plywood 2"x4" Structures			
AFD's Set-up Vented	<input checked="" type="checkbox"/>		
Isolation of HVAC system			
Poly Walls Floors Drops	<input checked="" type="checkbox"/>		
Portable/Full Decon Chamber			
Water System Set-up	<input checked="" type="checkbox"/>		
Electric GFCI's/Temp. Panel	<input checked="" type="checkbox"/>		
Scaffold/Bakers/5'x7'/Manlift			

### Personal protective equipment:

	Y	N	n/a
Respiratory protection	<input checked="" type="checkbox"/>		
Half-Face/Full-Face/PAPR's	<input checked="" type="checkbox"/>		
Disposable Suits	<input checked="" type="checkbox"/>		
Steel Toe/Rubber Boots	<input checked="" type="checkbox"/>		
Gloves Rubber/Cotton	<input checked="" type="checkbox"/>		
Safety Glasses/Full Face	<input checked="" type="checkbox"/>		
Hard hats/Hearing Protection	<input checked="" type="checkbox"/>		
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up	<input checked="" type="checkbox"/>		
Load Out Activities	<input checked="" type="checkbox"/>		
Surfactants/Ledizolv			
Wet Methods IAQ Shockwave	<input checked="" type="checkbox"/>		
HEPA Vacuum Sequence	<input checked="" type="checkbox"/>		
All Equip./Tools Cleaned	<input checked="" type="checkbox"/>		
Final Lockdown			
Work Area Teardown	<input checked="" type="checkbox"/>		
Final Worksite Walk-Thru			

### Inspections:


	Y	N	n/a
4 # of Neg. Air Machines			
Barriers Intact And Sound	<input checked="" type="checkbox"/>		
DECON/Shower Inspection			
Employee PPE Used	<input checked="" type="checkbox"/>		
Electrical Safety In Place	<input checked="" type="checkbox"/>		
OSHA Inspection Site Review			
Consultant/EME Monitoring	<input checked="" type="checkbox"/>		
Consultant/Supervisor Visual	<input checked="" type="checkbox"/>		
Personnel Decontaminated	<input checked="" type="checkbox"/>		
Work Area Inspected/Secure	<input checked="" type="checkbox"/>		

Consultant Firm: **ARCT**

Visual/Testing: **ARCT / JES**

Representative Name: **THINK**

Accreditation Number:

Representative Name:		Start: - inches water		Middle: - inches water		End: - inches water		Notes:	
Manometer Readings									
Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature	
Project Manager:									
Supervisor:									
STONE NIBLOCK	A43597	S	10:30	12:00	12:30	5:30	6.5		
LENNY DOLLAND	A54663	W	10:30	12:00	12:30	5:30	6.5		

Safety Issues: **LADDERS, LOAD-OUT, OTHER TRADES, SLIP TRIP HAZ**

### Asbestos Waste

~Friable~

~Non-Friable~

Dumpster

EME

☒ Onsite

### Status of Job

☒ Project On-going - someone to return

Note:

☐ Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature:



**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day:  
S M T W T F S 07/29/22

Week Ending Date:  
07/31/22

Truck #/Driver:  
52 Gibson

Work Area:  
GIRLS RESTROOM / MAIN OFFICE

Job #:  
22-025

Job Name:  
COMMUNITY H.S.

ACM / Mold / Lead / Other

## Daily Construction Report

### General Work Description:

	Y	N	n/a
ACM Pipe/Fitting			
ACM Boiler/Tanks/Breeching			
ACM Acoustical Ceiling			
ACM Ceiling Tiles/Glue Pods			
VAT Mastic Carpet			
Transite Siding/			
Insulation/Vermiculite			
Lead Based Paint			
Mold Remediation			
Industrial/Universal Waste			
Other <u>PLASTER</u>			

### The type of abatement conducted:

	Y	N	n/a
Removal			
Encapsulation			
Patch/Repair			
Glove-bag Removal			
Enclosure			
Removal/Replacement			
LBP Removal Chemical			
<del>LBP</del> HEPA Power Tools			
Dry Ice Blasting			
Aggressive Hand Cleaning			
Selective Demolition			

### Set-up procedures conducted:

	Y	N	n/a
Signs/Banner Tape			
Criticals Set-up			
Full/Mini Enclosure			
Plywood 2"x4" Structures			
AFD's Set-up Vented			
Isolation of HVAC system			
Poly Walls Floors Drops			
Portable/Full Decon Chamber			
Water System Set-up			
Electric GFCI's/Temp. Panel			
Scaffold/Bakers/5'x7'/Manlift			

### Personal protective equipment:

	Y	N	n/a
Respiratory protection			
Half-Face/Full-Face/PAPR's			
Disposable Suits			
Steel Toe/Rubber Boots			
Gloves Rubber/Cotton			
Safety Glasses/Full Face			
Hard hats/Hearing Protection			
Fall Protection			
Scaffold Safety Rails/Manlift			

### Clean-up activities:

	Y	N	n/a
Gross/Final Clean-up			
Load Out Activities			
Surfactants/Ledizolv			
Wet Methods IAQ Shockwave			
HEPA Vacuum Sequence			
All Equip./Tools Cleaned			
Final Lockdown			
Work Area Teardown			
Final Worksite Walk-Thru			

### Inspections:

	Y	N	n/a
# of Neg. Air Machines			
Barriers Intact And Sound			
DECON/Shower Inspection			
Employee PPE Used			
Electrical Safety In Place			
OSHA Inspection Site Review			
Consultant/EME Monitoring			
Consultant/Supervisor Visual			
Personnel Decontaminated			
Work Area Inspected/Secure			

Consultant Firm: ACM

Representative Name: Sheri

Visual/Testing: Air / Visual

Accreditation Number:

Manometer Readings	Start:	inches water	Middle:	inches water	End:	inches water	Notes:
--------------------	--------	--------------	---------	--------------	------	--------------	--------

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor:								
<u>Shane Nisole</u>	<u>A43597</u>	<u>S</u>	<u>7:00</u>	<u>11:00</u>	<u>11:30</u>	<u>2:30</u>	<u>7.0</u>	<u>[Signature]</u>
<u>Chris Gibson</u>	<u>A37296</u>	<u>W</u>	<u>6:00</u>	<u>11:00</u>	<u>1:00</u>	<u>4:00</u>	<u>8.0</u>	
<u>Lenny DOLLAND</u>	<u>A54663</u>	<u>W</u>	<u>7:00</u>	<u>11:00</u>	<u>11:30</u>	<u>4:00</u>	<u>8.5</u>	
<u>ERIC RICHARDSON</u>	<u>A52387</u>	<u>W</u>	<u>7:00</u>	<u>11:00</u>	<u>11:30</u>	<u>4:00</u>	<u>8.5</u>	

Safety Issues: LOAD OUT LADDERS,  
POWER TOOLS SLIP/TRIP HAZ,  
OTHER TRADES

### Asbestos Waste

~Friable~	~Non-Friable~
238 Bags	Bags
Drums	Drums
Bundles	Bundles

Dumpster ☒ EME ☐ on-site

### Status of Job

☒ Project On-going - someone to return  
Note:  
☐ Complete - no one will need to return

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: \_\_\_\_\_

[Signature]





**ENVIRONMENTAL  
MAINTENANCE  
ENGINEERS, INC.**

**25 YEARS**  
1997 - 2022

25851 Trowbridge St., Inkster, MI 48141  
Voice: 313.791.2600 Fax: 313.791.2601 www.teamEME.com

Today's Date/Day: **8-1-22**  
S M T W T F S

Job #: **22025**

Week Ending Date: **8-7-22**

Job Name: **Arch Community H.S.**

Truck #/Driver: **Personal Gibson**

ACM / Mold / Lead / Other

Work Area: **2nd Floor areas.**

Comments: **3 contaminants / 6 spots**

## Daily Construction Report

General Work Description:				The type of abatement conducted:				Set-up procedures conducted:			
	Y	N	n/a		Y	N	n/a		Y	N	n/a
ACM Pipe/Fitting				Removal				Signs/Banner Tape	<input checked="" type="checkbox"/>		
ACM Boiler/Tanks/Breeching				Encapsulation	<input checked="" type="checkbox"/>			Criticals Set-up	<input checked="" type="checkbox"/>		
ACM Acoustical Ceiling				Patch/Repair				Full/Mini Enclosure	<input checked="" type="checkbox"/>		
ACM Ceiling Tiles/Glue Pods				Glove-bag Removal				Plywood 2"x4" Structures			
VAT Mastic Carpet				Enclosure				AFD's Set-up Vented	<input checked="" type="checkbox"/>		
Transite Siding/ <b>Removal</b>	<input checked="" type="checkbox"/>			Removal/Replacement				Isolation of HVAC system	<input checked="" type="checkbox"/>		
Insulation/Vermiculite				LBP Removal Chemical				Poly Walls Floors Drops	<input checked="" type="checkbox"/>		
Lead Based Paint				LBP HEPA Power Tools				Portable/Full Decon Chamber			
Mold Remediation				Dry Ice Blasting	<input checked="" type="checkbox"/>			Water System Set-up	<input checked="" type="checkbox"/>		
Industrial/Universal Waste				Aggressive Hand Cleaning	<input checked="" type="checkbox"/>			Electric GFCI's/Temp. Panel	<input checked="" type="checkbox"/>		
Other				Selective Demolition	<input checked="" type="checkbox"/>			Scaffold/Bakers/5'x7'/Manlift			

Personal protective equipment:				Clean-up activities:				Inspections:			
	Y	N	n/a		Y	N	n/a		Y	N	n/a
Respiratory protection	<input checked="" type="checkbox"/>			Gross/Final Clean-up	<input checked="" type="checkbox"/>			# of Neg. Air Machines	<input checked="" type="checkbox"/>		
Half-Face/Full-Face/PAPR's	<input checked="" type="checkbox"/>			Load Out Activities	<input checked="" type="checkbox"/>			Barriers Intact And Sound	<input checked="" type="checkbox"/>		
Disposable Suits	<input checked="" type="checkbox"/>			Surfactants/Ledizolv				DECON/Shower Inspection	<input checked="" type="checkbox"/>		
Steel Toe/Rubber Boots	<input checked="" type="checkbox"/>			Wet Methods IAQ Shockwave				Employee PPE Used	<input checked="" type="checkbox"/>		
Gloves Rubber/Cotton	<input checked="" type="checkbox"/>			HEPA Vacuum Sequence	<input checked="" type="checkbox"/>			Electrical Safety In Place	<input checked="" type="checkbox"/>		
Safety Glasses/Full Face	<input checked="" type="checkbox"/>			All Equip./Tools Cleaned	<input checked="" type="checkbox"/>			OSHA Inspection Site Review			
Hard hats/Hearing Protection	<input checked="" type="checkbox"/>			Final Lockdown	<input checked="" type="checkbox"/>			Consultant/EME Monitoring	<input checked="" type="checkbox"/>		
Fall Protection				Work Area Teardown	<input checked="" type="checkbox"/>			Consultant/Supervisor Visual	<input checked="" type="checkbox"/>		
Scaffold Safety Rails/Manlift				Final Worksite Walk-Thru	<input checked="" type="checkbox"/>			Personnel Decontaminated	<input checked="" type="checkbox"/>		
								Work Area Inspected/Secure	<input checked="" type="checkbox"/>		

Consultant Firm: **Arco**  
Representative Name: **Pedro**

Visual/Testing:  
Accreditation Number:

Manometer Readings		Start:	inches water	Middle:	inches water	End:	inches water	Notes:
		-		-		-		

Employee Name	Accred. #	Class S/W	Time In	Time Out	Time In	Time Out	Total Hrs	Employee Signature
Project Manager:								
Supervisor: <b>Chris Gibson</b>	<b>A37240</b>	<b>S</b>	<b>6:00</b>	<b>11:00</b>	<b>11:00</b>	<b>3:30</b>	<b>9</b>	
<b>Lenny Pollard</b>	<b>A54663</b>		<b>7:00</b>	<b>11:00</b>	<b>11:00</b>	<b>3:30</b>	<b>8</b>	

Safety Issues:	Asbestos Waste	Dumpster	EME	Onsite
<b>Under Safety harness protection.</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<div> <div>~Friable~</div> <div>7</div> <div>Bags</div> <div>Drums</div> <div>Bundles</div> </div>	<div> <div>~Non-Friable~</div> <div></div> <div>Bags</div> <div>Drums</div> <div>Bundles</div> </div>	<b>Status of Job</b> <div> <div>Project On-going - someone to return</div> <div>Note:</div> <div><input checked="" type="checkbox"/> Complete - no one will need to return</div> </div>	

I certify area has been visually inspected, all equipment is off site and there is no debris or other materials left.

Signature: \_\_\_\_\_