



October 14, 2021

Mr. Bernie Rice
Executive Director, Physical Properties
Ann Arbor Public Schools
2555 South State Street
Ann Arbor, Michigan 48104

RE: **Project #AE210780**
Asbestos Abatement Report
Community High School

Dear Mr. Rice:

Per your request, Arch Environmental Group, Inc. (AEG) conducted project coordination and air monitoring activities for a small-scale, short duration asbestos abatement project at Community High School on October 13, 2021. Environmental Maintenance Engineers, a State of Michigan licensed asbestos abatement contractor, removed and disposed of asbestos ceiling debris from Room 310/312. The asbestos ceiling debris was removed using Class II procedures and wet methods inside of a mini-enclosure. The asbestos ceiling debris was properly disposed of as asbestos waste.

AEG conducted air monitoring during abatement activities during the abatement activities. The collected air samples have been analyzed utilizing Phase Contrast Microscopy (PCM) in accordance with NIOSH 7400 Methodologies. AEG uses the following nomenclature for referencing different types of air samples:

FB	Field Blank
AS	Area Sample
PS	Personal Sample
PA	Clearance (Post-Abatement) Sample

Following a thorough visual inspection of the project area, the PCM clearance samples collected in Room 310/312 at Community High School on October 13, 2021, were analyzed below the AHERA PCM Clearance Level of 0.01 fibers per cubic centimeter (f/cc). The project areas shall be considered safe for re-occupancy.

Arch Environmental Group, Inc. looks forward to working with you in the future and helping you to address any concerns regarding environmental health and safety. If you have any questions regarding this report, or if I can be of further assistance please feel free to contact me at (248) 426-0165.

Project #AE210780

Asbestos Abatement Project Report

Ann Arbor Public Schools

Community High School

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Sincerely,

Arch Environmental Group, Inc.

Environmental Services



Sheri Carriere

Project Consultant I, healthAIR

Attachments: Asbestos Daily Project Reports
Contractor Documentation

File: AE210780

Attachment
Asbestos Daily Project Reports



ASBESTOS DAILY PROJECT REPORTS On-Site Activity Summary

Client: Ann Arbor Public Schools	Date: 10/13/2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Sheri Carriere
Location: Room 310/312		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: Matt Kelly

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: N/A	Baseline samples (BL): Yes
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: N/A	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: N/A	Above/Below STEL: Below
Wet methods used: Yes	Negative air maintained: N/A (≤ 25 lf/10 sf/Intact)	Area samples (AS): Yes
Clean up procedures: Yes	Manometer reading:	PCM Clearance samples (PA): Yes
Waste bags checked: Yes	Smoke testing conducted: N/A (≤ 25 lf/10 sf/Intact)	Passed: Yes
Conducted by: Sheri Carriere	Conducted by: <x>	Aggressive: Yes
# of Waste Bags: 1	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: N/A (≤ 25 lf/10 sf/Intact)	Aggressive: N/A
Conducted by: Sheri Carriere	Dumpster secure at end of day: Yes	
Lock-down activities: N/A	PPE - Disposable coveralls (Contractor): Yes	Personal Samples Collected On:
Tear-down procedures: Yes	PPE - Respirators (Contractor): Yes	Name(s): Anthony Barbour
	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
Non-Friable Project	PPE - Respirators (Consultant): Yes	activities)
	Type: HFNPR	
	Did Consultant enter enclosure: Yes	Required Postings
Criticals set-up:	Time (A.M.):	Notification:
Shower set-up:	Time (P.M.): 6PM	Supervisor/Competent Person Training: No
AFDs used: N/A		OSHA Personal Sampling Posting: N/A



ASBESTOS DAILY PROJECT REPORTS Contractor and Materials Information

Client: Ann Arbor Public Schools	Date: 10/13/2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Sheri Carriere
Location: Room 310/312		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: Matt Kelly

Abatement Personnel Information

Workers / Accreditation Numbers

Name: Matthew Kelly Type: **Supervisor**
 Accred #: A34636 Training:
 Exp. Date: 7/28/2022 Fit test:
 Activity: Final cleaning PWO:
 Personal #: PS1

Name: Anthony Barbour Type: **Supervisor**
 Accred #: A55397 Training:
 Exp. Date: 9/30/2022 Fit test:
 Activity: Final cleaning PWO:
 Personal #: PS1

Name: Jacob Starr Type: **Supervisor**
 Accred #: A57207 Training:
 Exp. Date: 5/4/2022 Fit test:
 Activity: Final cleaning PWO:
 Personal #: PS1

Name: Dylan Mexicotte Type: **Supervisor**
 Accred #: A57208 Training:
 Exp. Date: 5/4/2022 Fit test:
 Activity: Final cleaning PWO:
 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 #:

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

Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II		Room 310/312

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

Client:	Ann Arbor Public Schools	Samples Collected By:	Sheri Carriere
Building:	Community High School	Sample Collection Date:	10/13/2021
Location:	Room 310/312	Samples Analyzed By:	Sheri Carriere
Project #:	AE210780	Sample Analysis Date:	10/13/2021

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm ²)
FB1	Sample prepared on-site.	--	--	--	--	--	0.00
FB2	Sample prepared on-site.	--	--	--	--	--	0.00
AS1	Collected in the hallway between Rooms 3310/312 and 314	4:10PM	115	8.188	942	0.003	5.73
		6:05PM					
PA1	Collected in the center of Room 310/312	6:10PM	120	15.28	1834	0.002	7.64
		8:10PM					

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

Client: Ann Arbor Public Schools	Samples Collected By: Sheri Carriere
Building: Community High School	Sample Collection Date: 10/13/2021
Location: Room 310/312	Samples Analyzed By: Sheri Carriere
Project #: AE210780	Sample Analysis Date: 10/13/2021

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm ²)
PS1 Series	Collected on Anthony Barbour	4:10PM	115	2.0	230	0.023	*
		6:05PM				0.006	
Activity:	During the clean up of ACM debris						
stelPS1	Collected on Anthony Barbour	4:10PM	30	2.0	60	0.045	4.46
		4:40PM					
PS1R1	Collected on Anthony Barbour	4:40PM	85	2.0	170	0.016	5.10
		6:05PM					

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

OSHA STEL Limit = 1.0 f/cc

* = 8 hr Time Weighted Average

Attachment
Contractor Documentation