



April 13, 2022

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 April 9, 2022. Environmental Maintenance Engineers, a State of Michigan licensed asbestos abatement contractor, removed and disposed of asbestos plaster in Rooms 106 and 109. The asbestos ceiling plaster was removed using Class II procedures and wet methods inside of a full negative enclosure. The asbestos plaster 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 Rooms 106 and 109 at Community High School on April 9, 2022, 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

Page 2

Sincerely,

Arch Environmental Group, Inc.
Environmental Services



Tinh Nguyen
Field Technician, 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: 4/9/2022	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Thinkh Nguyen
Location: Room 106 and Room 109		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: 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: Thinkh Nguyen	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	Personal Samples Collected On:
Tear-down procedures: Yes	PPE - Respirators (Contractor): Yes	Name(s): Bradley Altherr
	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)
Non-Friable Project	Type: HFNPR	
		Required Postings
Criticals set-up: Yes	Did Consultant enter enclosure: No	Notification: Yes
Shower set-up: No - Per Contractor	Time (A.M.): <##:## a.m. - ##:## a.m.>	Supervisor/Competent Person Training: Yes
AFDs used: Yes	Time (P.M.): <##:## p.m. - ##:## p.m.>	OSHA Personal Sampling Posting: Yes



ASBESTOS DAILY PROJECT REPORTS
Air Sample Analysis Information

Client: Ann Arbor Public Schools	Samples Collected By: Tinh Nguyen
Building: Community High School	Sample Collection Date: 4/9/2022
Location: Room 106 and Room 109	Samples Analyzed By: Tinh Nguyen
Project #: AE210780	Sample Analysis Date: 4/9/2022

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.	--	--	--	--	--	2.55
FB2	Sample prepared on-site.	--	--	--	--	--	3.18
AS1	First floor south hallway outside of Room 106 and 109	8:30 AM	150	8.580	1287	0.003	12.74
		11:00 AM					
AS1R1	First floor south hallway outside of Room 106 and 109	11:00 AM	180	8.580	1544	0.002	7.01
		2:00 PM					
AS1R2	First floor south hallway outside of Room 106 and 109	2:00 PM	120	8.580	1030	0.003	5.10
		4:00 PM					
PA1	In Room 109, Center of room	12:00 PM	135	14.62	1974	0.003	16.56
		2:15 PM					
PA2	In Room 106, Center of Room	1:00 PM	135	14.56	1966	0.002	14.65
		3:15 PM					

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:	Thinh Nguyen
Building:	Community High School	Sample Collection Date:	4/9/2022
Location:	Room 106 and Room 109	Samples Analyzed By:	Thinh Nguyen
Project #:	AE210780	Sample Analysis Date:	4/9/2022

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm ²)
PS1 Series	Bradley Altherr	9:30 AM	210	2.0	420	0.039	*
		1:00 PM				0.017	
Activity:	Removal of wall plaster						
PS1	Bradley Altherr	9:30 AM	30	2.0	60	0.112	20.38
		10:00 AM					
PS1R1	Bradley Altherr	10:00 AM	60	2.0	120	0.030	12.10
		11:00 AM					
PS1R2	Bradley Altherr	11:00 AM	120	2.0	240	0.026	19.11
		1:00 PM					

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

OSHA STEL Limit = 1.0 f/cc

* = 8 hr Time Weighted Average

Attachment
Contractor Documentation