



October 13, 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 12, 2021. Environmental Maintenance Engineers, a State of Michigan licensed asbestos abatement contractor, removed and disposed of asbestos ceiling debris from Rooms 317 and 315. 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 Rooms 317 and 315 at Community High School on October 12, 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

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Sincerely,

Arch Environmental Group, Inc.
Environmental Services



Jessica Edwards
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: 10/12/2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Jessica Edwards
Location: 317 & 315		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: Mike Perez

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): 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: No	Corrections made: N/A	Above/Below PEL: Below
Encapsulation: Yes	Enclosure Integrity Check (end of work shift): Yes	Personal samples (STEL) (PS): Yes
Repair: Yes	Corrections necessary: No	Above/Below PEL: Below
Enclosure: Yes	Corrections made: N/A	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: N/A
# of Waste Bags: JAE	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: JAE	Dumpster secure at end of day: N/A	
Lock-down activities: Yes	PPE - Disposable coveralls (Contractor): Yes	Personal Samples Collected On:
Tear-down procedures: Yes	PPE - Respirators (Contractor): Yes	Name(s): Mike Perez
	Type: HFNPR	A worker/workers who is/are representative of all workers within the work area (all workers are conducting similar activities)
Abatement Method(s)	PPE - Disposable coveralls (Consultant): Yes	
Mini Enclosure	PPE - Respirators (Consultant): Yes	
	Type: HFNPR	
Criticals set-up: Yes	Did Consultant enter enclosure: Yes	Required Postings
Shower set-up: N/A (≤25 lf/10 sf/Intact)	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

Client: Ann Arbor Public Schools	Date: 10/12/2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Jessica Edwards
Location: 317 & 315		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: Mike Perez

Abatement Personnel Information

Workers / Accreditation Numbers

Name: Mike Perez Type: Supervisor
Accred #: A32487 Training: [Redacted]
Exp. Date: 6/27/2022 Fit test: [Redacted]
Activity: PWO: [Redacted]
Personal #:

Name: Jacob Starr Type: Supervisor
Accred #: A57207 Training: [Redacted]
Exp. Date: 5/4/2022 Fit test: [Redacted]
Activity: PWO: [Redacted]
Personal #:

Name: Jason Highland Type: Supervisor
Accred #: A47041 Training: [Redacted]
Exp. Date: 3/24/2022 Fit test: [Redacted]
Activity: PWO: [Redacted]
Personal #:

Abatement Personnel Information

Workers / Accreditation Numbers

Name: Matt Kelly Type: Supervisor
Accred #: A34636 Training: [Redacted]
Exp. Date: 7/28/2022 Fit test: [Redacted]
Activity: PWO: [Redacted]
Personal #:

Name: Anthony Barbour Type: Supervisor
Accred #: A55397 Training: [Redacted]
Exp. Date: 9/30/2022 Fit test: [Redacted]
Activity: PWO: [Redacted]
Personal #:

Name: Dylan Mexicotte Type: Supervisor
Accred #: A57208 Training: [Redacted]
Exp. Date: 5/4/2022 Fit test: [Redacted]
Activity: PWO: [Redacted]
Personal #:

Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II		Rooms 317 & 315

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 Building: Community High School Location: 317 & 315 Project #: AE210780	Samples Collected By: Jessica Edwards Sample Collection Date: 10/12/2021 Samples Analyzed By: Jessica Edwards Sample Analysis Date: 10/12/2021
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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.	--	--	--	--	--	1.91
AS1	Located outside of room 317 in hallway	4:30 PM	150	8.055	1208	0.002	0.00
		7:00 PM					
AS2	Located outside of room 310 in hallway	4:30 PM	150	8.355	1253	0.002	0.00
		7:00 PM					
PA1	Located in center of classroom 317.	6:30 PM	120	15.17	1820	0.001	1.27
		8:30 PM					
PA2	Located in center of classroom 315.	7:00 PM	125	14.83	1854	0.001	0.64
		9:05 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:	Jessica Edwards
Building:	Community High School	Sample Collection Date:	10/12/2021
Location:	317 & 315	Samples Analyzed By:	Jessica Edwards
Project #:	AE210780	Sample Analysis Date:	10/12/2021

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 Mike perez	5:00 PM	120	2.0	240	0.022	*
		7:00 PM				0.006	
Activity:	cleaning of debris in classroom						
PS1	Collected on Mike perez	5:00 PM	30	2.0	60	0.045	0.00
		5:30 PM					
PS1R1	Collected on Mike perez	5:30 PM	90	2.0	180	0.015	3.18
		7:00 AM					

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

OSHA STEL Limit = 1.0 f/cc

* = 8 hr Time Weighted Average

Attachment
Contractor Documentation