



November 29, 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 November 22-24, 2021. Environmental Maintenance Engineers, a State of Michigan licensed asbestos abatement contractor, installed drywall sheets and unistruts to asbestos ceiling plaster in the 1st Floor Hallway. The asbestos ceiling plaster was removed using Class II procedures and wet methods inside of a full negative enclosure. The asbestos ceiling 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
SS	Set Up Sample
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 the 1st Floor Hallway at Community High School on November 22-24, 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



Gary Bosh

Project Consultant II, 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: 11/22/2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Thinkh Nguyen
Location: First Floor Hallway		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) Yes
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: Yes	Above/Below PEL: Below
Enclosure: No	Corrections made: Yes	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: <x>	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): Tim Casey
	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: Yes	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 Contractor and Materials Information

Client: Ann Arbor Public Schools	Date: 11/22/2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Tinh Nguyen
Location: First Floor Hallway		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: Shane Niblock

Abatement Personnel Information

Workers / Accreditation Numbers

Name: **Shane Niblock** Type: **Supervisor**
 Accred #: **A43597** Training: [REDACTED]
 Exp. Date: **12/18/2021** Fit test: [REDACTED]
 Activity: **Supervisor** PWO: [REDACTED]
 Personal #: **N/A (No abate. activities)**

Name: **Gregory Nagle** Type: **Supervisor**
 Accred #: **A47962** Training: [REDACTED]
 Exp. Date: **9/22/2022** Fit test: [REDACTED]
 Activity: **Removal of F Class II** PWO: [REDACTED]
 Personal #: **PS1**

Name: **Patrick O'Boyle** Type: **Supervisor**
 Accred #: **A50125** Training: [REDACTED]
 Exp. Date: **3/14/2022** Fit test: [REDACTED]
 Activity: **Removal of F Class II** PWO: [REDACTED]
 Personal #: **PS1**

Name: **Timothy Casey** Type: **Supervisor**
 Accred #: **A49184** Training: [REDACTED]
 Exp. Date: **7/20/2022** Fit test: [REDACTED]
 Activity: **Removal of F Class II** PWO: [REDACTED]
 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	2	Southern 1st floor 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

Client:	Ann Arbor Public Schools	Samples Collected By:	Thinh Nguyen
Building:	Community High School	Sample Collection Date:	11/22/2021
Location:	First Floor Hallway	Samples Analyzed By:	Thinh Nguyen
Project #:	AE210780	Sample Analysis Date:	11/22/2021

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.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	2.55
SS1	Southern 1st floor hallway	9:00 AM	120	8.580	1030	0.004	11.46
		11:00 AM					
AS1	Outside Decon	11:00 AM	180	8.580	1544	0.003	14.01
		2:00 PM					
AS1R1	Outside Decon	2:00 PM	120	8.580	1030	0.005	14.65
		4:00 PM					
PA1	In hallway outside Rm 113	2:00 PM	120	14.62	1754	0.002	12.74
		4:00 PM					
PA2	In hallway outside rm 117	2:00 PM	120	14.53	1744	0.002	9.55
		4:00 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: Tinh Nguyen
Building: Community High School	Sample Collection Date: 11/22/2021
Location: First Floor Hallway	Samples Analyzed By: Tinh Nguyen
Project #: AE210780	Sample Analysis Date: 11/22/2021

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm ²)
PS1 Series	Tim Casey	11:15 AM	105	2.0	210	0.026	*
		2:30 PM				0.006	
Activity:	Installing drywall on ceiling						
PS1	Tim Casey	11:15 AM	30	2.0	60	0.045	6.37
		11:45 AM					
PS1R1	Tim Casey	1:15 PM	75	2.0	150	0.018	8.28
		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

Client: Ann Arbor Public Schools	Date: 11.23.2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Thinkh Nguyen
Location: First Floor Hallway		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) Yes
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: Yes	Above/Below PEL: Below
Enclosure: No	Corrections made: Yes	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: <x>	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): Tim Casey
	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: Yes	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 Contractor and Materials Information

Client: Ann Arbor Public Schools	Date: 11.23.2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Thinkh Nguyen
Location: First Floor Hallway		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: Shane Niblock

Abatement Personnel Information

Workers / Accreditation Numbers

Name: **Shane Niblock** Type: **Supervisor**
 Accred #: **A43597** Training: [REDACTED]
 Exp. Date: **12/18/2021** Fit test: [REDACTED]
 Activity: **Supervisor** PWO: [REDACTED]
 Personal #: **N/A (No abate. activities)**

Name: **Gregory Nagle** Type: **Supervisor**
 Accred #: **A47962** Training: [REDACTED]
 Exp. Date: **9/22/2022** Fit test: [REDACTED]
 Activity: **Removal of F Class II** PWO: [REDACTED]
 Personal #: **PS1**

Name: **Patrick O'Boyle** Type: **Supervisor**
 Accred #: **A50125** Training: [REDACTED]
 Exp. Date: **3/14/2022** Fit test: [REDACTED]
 Activity: **Removal of F Class II** PWO: [REDACTED]
 Personal #: **PS1**

Name: **Timothy Casey** Type: **Supervisor**
 Accred #: **A49184** Training: [REDACTED]
 Exp. Date: **7/20/2022** Fit test: [REDACTED]
 Activity: **Removal of F Class II** PWO: [REDACTED]
 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	5	Northern 1st Floor 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

Client: Ann Arbor Public Schools Building: Community High School Location: First Floor Hallway Project #: AE210780	Samples Collected By: Tinh Nguyen Sample Collection Date: 11.23.2021 Samples Analyzed By: Tinh Nguyen Sample Analysis Date: 11.23.2021
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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.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	2.55
AS1	Northern First Floor hallway, outside decon	9:00 AM	120	8.580	1030	0.005	15.29
		11:00 AM					
AS1R1	Outside Decon	11:00 AM	150	8.580	1287	0.002	8.92
		1:30 PM					
AS1R2	Outside Decon	1:30 PM	150	8.580	1287	0.002	8.28
		4:00 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

N/A



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:	11.23.2021
Location:	First Floor Hallway	Samples Analyzed By:	Thinh Nguyen
Project #:	AE210780	Sample Analysis Date:	11.23.2021

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm ²)
PS1 Series	Patrick O'Boyle	11:15 AM	195	2.0	390	0.016	*
		2:30 PM				0.006	
Activity:	Installing unistruts to wall of hallway						
PS1	Patrick O'Boyle	11:15 AM	30	2.0	60	0.057	10.83
		11:45 AM					
PS1R1	Patrick O'Boyle	11:45 AM	165	2.0	330	0.008	8.92
		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

Client: Ann Arbor Public Schools	Date: 11.24.2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Thinkh Nguyen
Location: First Floor Hallway		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: Yes	Above/Below PEL: Below
Enclosure: No	Corrections made: Yes	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: <x>	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): Isaak Cruz, Gregory Nagle
	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: Yes	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 Contractor and Materials Information

Client: Ann Arbor Public Schools	Date: 11.24.2021	Consultant: Arch Environmental Group, Inc.
Building: Community High School		Project Technician: Tinh Nguyen
Location: First Floor Hallway		Abatement Contractor: Environmental Maintenance Engineers, Inc.
Project #: AE210780		Competent Person: Shane Niblock

Abatement Personnel Information

Workers / Accreditation Numbers

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

Name: **Gregory Nagle** Type: **Supervisor**
 Accred #: **A47962** Training:
 Exp. Date: **9/22/2022** Fit test:
 Activity: **Removal of F Class II** PWO:
 Personal #: **PS2**

Name: **Patrick O'Boyle** Type: **Supervisor**
 Accred #: **A50125** Training:
 Exp. Date: **3/14/2022** Fit test:
 Activity: **Removal of F Class II** PWO:
 Personal #: **PS2**

Name: **Timothy Casey** Type: **Supervisor**
 Accred #: **A49184** Training:
 Exp. Date: **7/20/2022** Fit test:
 Activity: **Removal of F Class II** PWO:
 Personal #: **PS1**

Abatement Personnel Information

Workers / Accreditation Numbers

Name: **Isaak Cruz** Type: **Supervisor**
 Accred #: **A52584** Training:
 Exp. Date: **7/13/2022** Fit test:
 Activity: **Removal of F Class II** PWO:
 Personal #: **PS1**

Name: **Thomas Ptak** Type: **Supervisor**
 Accred #: **A16288** Training:
 Exp. Date: **1/15/2022** Fit test:
 Activity: **Removal of F Class II** PWO:
 Personal #: **PS1**

Name: **Steven Lyell** Type: **Supervisor**
 Accred #: **A4613** Training:
 Exp. Date: **8/31/2022** Fit test:
 Activity: **Removal of F Class II** PWO:
 Personal #: **PS2**

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

Materials Abated - Quantity & Location

Material	sf/lf/#	Locations
Other Class II	5	Northern 1st Floor 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

Client:	Ann Arbor Public Schools	Samples Collected By:	Thinh Nguyen
Building:	Community High School	Sample Collection Date:	11.24.2021
Location:	First Floor Hallway	Samples Analyzed By:	Thinh Nguyen
Project #:	AE210780	Sample Analysis Date:	11.24.2021

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.	--	--	--	--	--	1.27
FB2	Sample prepared on-site.	--	--	--	--	--	2.55
AS1	North first floor hallway, by rm	9:15 AM	155	8.580	1330	0.002	10.19
		11:50 AM					
AS2	South first floor hallway, by Rm 117	9:25 AM	155	8.035	1245	0.002	8.28
		12:00 PM					
AS3	Second floor hallway, outside main office	9:35 AM	155	8.436	1308	0.002	3.82
		12:10 PM					
AS1R1	North first floor hallway, by rm	11:50 AM	190	8.580	1630	0.003	16.56
		3:00 PM					
AS2R1	South first floor hallway, by Rm 117	12:00 PM	180	8.035	1446	0.002	10.19
		3:00 PM					
AS3R1	Second floor hallway, outside main office	12:10 PM	170	8.436	1434	0.002	9.55
		3:00 PM					
PA1	Second Floor hallway containment	11:45 AM	135	14.62	1974	0.003	16.56
		2:00 PM					
PA2	First floor north and south containment, at corner of L	1:00 PM	120	15.03	1804	0.003	14.01
		3:15 PM					
PA3	First floor lunchroom office	1:00 PM	120	14.53	1744	0.002	12.10
		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:	11.24.2021
Location:	First Floor Hallway	Samples Analyzed By:	Thinh Nguyen
Project #:	AE210780	Sample Analysis Date:	11.24.2021

Sample ID	Sample Location	Start/End	Total Time (min)	Flow Rate (Lpm)	Volume (L)	Concentration (f/cc)	Density (f/mm ²)
PS1 Series	Isaak Cruz	9:40 AM	245	2.0	490	0.020	*
		3:00 PM				0.010	
Activity:	Demoing plaster on second floor in hallway						
PS1	Isaak cruz	9:40 AM	30	2.0	60	0.045	7.64
		10:10 AM					
PS1R1	Isaak Cruz	10:10 AM	95	2.0	190	0.021	12.10
		11:45 AM					
PS1R2	Isaak Cruz	1:00 PM	120	2.0	240	0.013	10.19
		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

PS2 Series	Gregory Nagle	10:15 AM	285	2.0	570	0.018	*
		3:00 PM				0.010	
Activity:	installing drywall to ceiling in east first floor hallway						
PS2	Gregory Nagle	10:15 AM	30	2.0	60	0.078	14.01
		10:45 AM					
PS2R1	Gregory Nagle	10:45 AM	255	2.0	510	0.011	15.92
		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

Attachment
Contractor Documentation