



June 7, 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 May 20, 2022. Environmental Maintenance Engineers, a State of Michigan licensed asbestos abatement contractor, removed and disposed of asbestos plaster in the Room 105A and Southeast Corner of First Floor Hallway. 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 |
| PS | Personal Sample |
| PA | Clearance (Post-Abatement) Sample |

Following a thorough visual inspection of the project area, the PCM clearance samples collected in the Room 105A and Southeast Corner of First Floor Hallway at Community High School on May 20, 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

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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: 5/20/2022 | Consultant: Arch Environmental Group, Inc. |
| Building: Community High School | | Project Technician: Thinkh Nguyen |
| Location: First Floor | | 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: <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 | Personal Samples Collected On: |
| Tear-down procedures: Yes | PPE - Respirators (Contractor): Yes | Name(s): Eric 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) |
| Non-Friable Project | Type: HFNPR | |
| | Did Consultant enter enclosure: No | |
| Criticals set-up: Yes | Time (A.M.): <###:## a.m. - ##:## a.m.> | Required Postings |
| Shower set-up: N/A (≤25 lf/10 sf/Intact) | Time (P.M.): <###:## p.m. - ##:## p.m.> | Notification: Yes |
| AFDs used: Yes | | Supervisor/Competent Person Training: Yes |
| | | OSHA Personal Sampling Posting: Yes |



ASBESTOS DAILY PROJECT REPORTS Contractor and Materials Information

| | | |
|---|------------------------|--|
| Client: Ann Arbor Public Schools | Date: 5/20/2022 | Consultant: Arch Environmental Group, Inc. |
| Building: Community High School | | Project Technician: Tinh Nguyen |
| Location: First Floor | | 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: **12/18/2022** Fit test: **[Redacted]**
 Activity: **Supervisor** PWO: **[Redacted]**
 Personal #: **N/A (No abate. activities)**

Name: **Eric Richardson** Type: **supervisor**
 Accred #: **A52387** Training: **[Redacted]**
 Exp. Date: **6/5/2022** Fit test: **[Redacted]**
 Activity: **Removal of misc. NF** PWO: **[Redacted]**
 Personal #: **PS1**

Name: **Dylan Mexicotte** Type: **Supervisor**
 Accred #: **A57208** Training: **[Redacted]**
 Exp. Date: **5/4/2023** Fit test: **[Redacted]**
 Activity: **Removal of misc. NF** 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 #:

Materials Abated - Quantity & Location

| Material | sf/lf/# | Locations |
|----------------|---------|---|
| Other Class II | 5 | Room 105A and southeast corner of first 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: | 5/20/2022 |
| Location: | First Floor | Samples Analyzed By: | Thinh Nguyen |
| Project #: | AE210780 | Sample Analysis Date: | 5/20/2022 |

| 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. | -- | -- | -- | -- | -- | 1.27 |
| FB2 | Sample prepared on-site. | -- | -- | -- | -- | -- | 2.55 |
| AS1 | First Floor South Hallway outside Room 113 | 3:30 PM | 180 | 8.035 | 1446 | 0.002 | 7.01 |
| | | 6:30 PM | | | | | |
| AS1R1 | First Floor South Hallway outside Room 113 | 6:30 PM | 210 | 8.035 | 1687 | 0.002 | 5.10 |
| | | 10:00 PM | | | | | |
| PA1 | Room 105A Office | 7:45 PM | 135 | 14.2 | 1917 | 0.002 | 10.83 |
| | | 10:00 PM | | | | | |
| PA2 | Southeast corner of first floor hallway | 7:45 PM | 135 | 14.56 | 1966 | 0.001 | 7.64 |
| | | 10:00 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: 5/20/2022 |
| Location: First Floor | Samples Analyzed By: Tinh Nguyen |
| Project #: AE210780 | Sample Analysis Date: 5/20/2022 |

| Sample ID | Sample Location | Start/End | Total Time (min) | Flow Rate (Lpm) | Volume (L) | Concentration (f/cc) | Density (f/mm ²) |
|------------|---|-----------|------------------|-----------------|------------|----------------------|------------------------------|
| PS1 Series | Erik Richardson | 6:00 PM | 105 | 2.0 | 210 | 0.050 | * |
| | | 7:45 PM | | | | 0.011 | |
| Activity: | removal of wall plaster and installation of unistruts | | | | | | |
| PS1 | Erik Richardson | 6:00 PM | 30 | 2.0 | 60 | 0.078 | 14.01 |
| | | 6:30 PM | | | | | |
| PS1R1 | Erik Richardson | 6:30 PM | 75 | 2.0 | 150 | 0.039 | 17.20 |
| | | 7:45 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