814 Broad St.
Weymouth, MA 02189

T 781.337.0016
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November 21, 2020

VIA EMAIL: jason.parenteau@sodexo.com

Mr. Jason Parenteau
General Manager
Attleboro School District
100 Rathbun Willard Drive
Attleboro, Massachusetts 02703

Project No. 413225

Subject: **Asbestos Reinspection, 2020**
Hyman Fine Elementary School
Attleboro, Massachusetts

Dear Mr. Parenteau:

Please find enclosed the three-year re-inspection report for the Hyman Fine Elementary School. If you require any further assistance please feel free to contact me at (781) 337-0016.

Thank you for allowing TRC Environmental, Inc (TRC) to assist you with this project.

Sincerely,
TRC Environmental, Inc

Gregory Hatch
BSI Office Practice Leader

MA Certified Asbestos Inspector (AI061535)
MA Certified Management Planner (AP061534)

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Weymouth, MA 02189

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AHERA
3-YEAR REINSPECTION REPORT
HYMAN FINE ELEMENTARY SCHOOL

SUBMITTED TO:

Mr. Jason Parenteau
General Manager
Attleboro School District
100 Rathbun Willard Drive
Attleboro, Massachusetts 02703

SUBMITTED BY:

TRC ENVIRONMENTAL, INC.
814 Broad Street
Weymouth, Massachusetts 02189

PROJECT NO. 413225

November 20, 2020

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AHERA
3-YEAR REINSPECTION REPORT
HYMAN FINE ELEMENTARY SCHOOL
ATTLEBORO, MASSACHUSETTS

Submitted To:

Mr. Jason Parenteau
General Manager
Attleboro School District
100 Rathbun Willard Drive
Attleboro, Massachusetts 02703

Inspector:

Gregory Hatch

BSI – Office Practice Leader
TRC Environmental, Inc
Massachusetts Inspector # AI061535

November 20, 2020

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TABLE OF CONTENTS

APPENDICES

1.0 INTRODUCTION

TRC Environmental, Inc (TRC) was retained by the Attleboro Public School to perform a three-year reinspection at the Hyman Fine Elementary School located at 790 Oak Hill Avenue in Attleboro, Massachusetts.

The inspection was performed on October 21, 2020 by TRC's Industrial Hygienist, Gregory Hatch, with Massachusetts State Accreditation # AI061535.

The purpose of this inspection is to visually reinspect and reassess all friable and non-friable known or assumed asbestos-containing building material (ACBM) within the school facility in compliance with the United States Environmental Protection Agency's (USEPA) Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763.85 [b]).

The reinspection was conducted in two phases.

PHASE I

- Review the existing management plan and discuss with the designated person response actions completed.
- Review abatement/remedial activities, work orders and training records since management plan implementation, if applicable.
- Obtain 8 1/2" x 11" drawings from the Local Education Agency (LEA).

PHASE II

- Visually re-inspect and reassess the condition of all friable known or assumed ACBM.
- Visually inspect material that was previously identified as non-friable ACBM and touch the material to determine whether it has become friable since the last inspection or reinspection.
- Identify homogeneous areas with materials that have become friable since the last inspection or reinspection.
- Assess the condition of any newly friable materials.
- Submit to the designated person any assessments or reassessments made of friable known or assumed ACBM as identified in the original inspection report.
- Submit a report detailing the results of the reinspection for inclusion into the LEA's management plans.

2.0 DISCUSSION

The management plan on file at the office of the LEA was reviewed and the following summarizes this review.

2.1 Designated Person

Mr. Jason Parenteau
General Manager
Attleboro School District
100 Rathbun Willard Drive
Attleboro, Massachusetts 02703

The AHERA regulation 763.84[g](1) states that "the general LEA shall designate a person to ensure that requirements under this section are properly implemented". Section 763.84[g](2) further states that "the LEA shall ensure that the designated person receives adequate training to perform duties assigned under this section".

2.2 Yearly Building Occupant Notification

"The designated person must ensure that workers and building occupants, or their legal guardians and any company that conducts work in the building, are informed at least once each school year about inspections, response actions, and post-response action activities, including periodic re-inspection and surveillance activities that are planned or in progress", as per the AHERA regulation section 763.84(c).

The records for previous years have been incorporated into the management plan for the school. A copy of the letter is attached in Appendix F. It is recommended that a copy of the letter for each year and be sure to include the contact information of the LEA. TRC recommends that copies of the records be incorporated into the management plans to satisfy the requirement to maintain and update the plan.

2.3 Custodial/Maintenance Personnel Training

Custodial and maintenance personnel hired are required to receive a minimum of 2 hours "asbestos awareness training". Training should be provided within 60 days of employment.

Documentation of the 2-hour Asbestos Awareness training for custodial staff that may be working in the building was included in the Management Plan. These records should be cross-checked with the list of personnel currently working in the building. If any staff remains untrained, training should be provided for and documentation should be added to the Management Plan.

2.4 Periodic Surveillance

The LEA shall conduct six-month periodic surveillance of all known ACBM present in each school in accordance with the AHERA Regulation. A 2-hour trained staff member may conduct the six-month inspection. The inspection is performed to document any changes in condition in the ACBMs.

Records were available documenting the most recent six-month periodic surveillance inspections. TRC recommends documenting these periodic inspections including date completed and signed by the trained person who conducted the inspection. Copies of these records should be entered into the management plan to satisfy the requirement to maintain and update the plan. The records should be maintained in a central location. The attached Appendix B can be copied and used as a basis for the re-inspection.

2.5 Warning Labels

As per the AHERA regulation section 763.95[a], "the LEA shall attach a warning label immediately adjacent to any friable and non-friable ACBM and suspected ACBM assumed to be asbestos-containing material (ACM) located in routine maintenance areas (such as boiler rooms) at each school building".

Warning labels should be placed adjacent to the red duct seam sealant in the boiler room and in the mechanical room.

2.6 Summary of Response Actions

According to the LEA, there hasn't been any renovation work in the school in the last three years or since the last AHERA 3-year inspection performed in July, 2017.

3.0 REINSPECTION EPA ASSESSMENT SUMMARY

3.1 ACBM Remaining

Asbestos-containing and assumed asbestos containing building materials remaining in the building includes:

Surfacing Materials

No suspect surfacing material was observed.

Thermal System Insulation

The suspect thermal system insulation ACM in the boiler room was sampled and determined to be non-ACM. The material was removed in 6/2017. Additional suspect TSI may remain in enclosed areas.

Miscellaneous Materials

Miscellaneous materials are located in areas throughout the school building. Detailed locations, amounts and condition information can be found in Appendix B and C.

3.2 Additional ACBM Identified

No additional ACBM was identified during the reinspection.

3.3 Results and Recommendations

The identified ACBM remaining in the Hyman Fine Elementary School was inspected and found to be in generally good condition. None of the materials were found to be damaged.

The remainder of the materials should continue to be maintained in place under the O & M plan until removal is made necessary by renovations or demolition.

4.0 CONCLUSIONS

The AHERA three-year reinspection at the Hyman Fine Elementary School was performed on October 21, 2020 in accordance with the AHERA regulations. A management plan audit was performed with additional results and recommendations for correction and updating the management plan listed in Section 2 of this report.

The ACM/PACM was found to be in good condition with a low potential for damage.

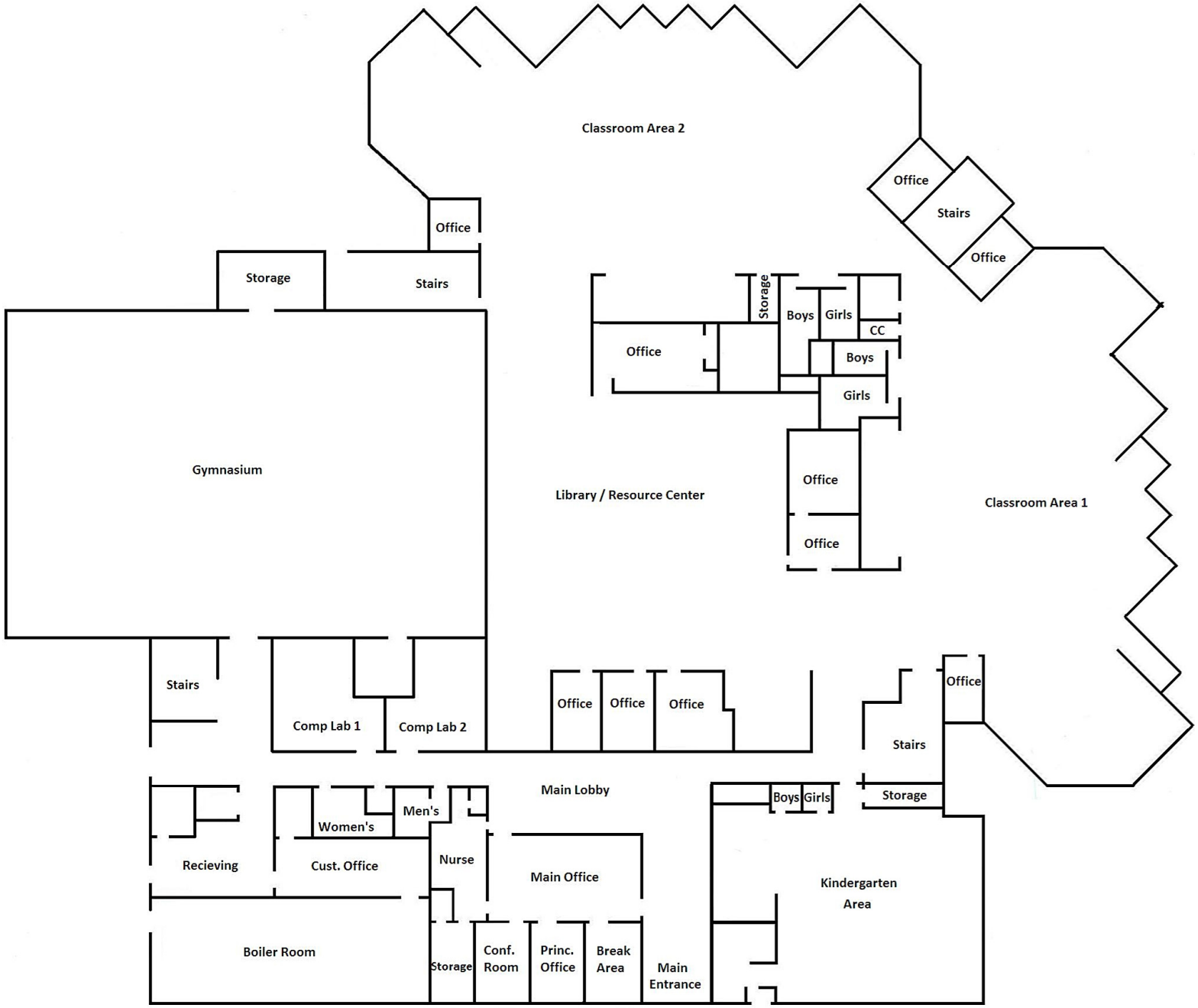
Recommendations/schedule/Cost:

a. There will be a cost for response actions between this re-inspection and the next. This is dependent on renovation and operation/maintenance activities. There will be a cost related to consulting services and abatement contractor services.

b. There will be time associated with each six-month periodic inspection. It is anticipated that this activity would require half of a work shift including reporting documentation.

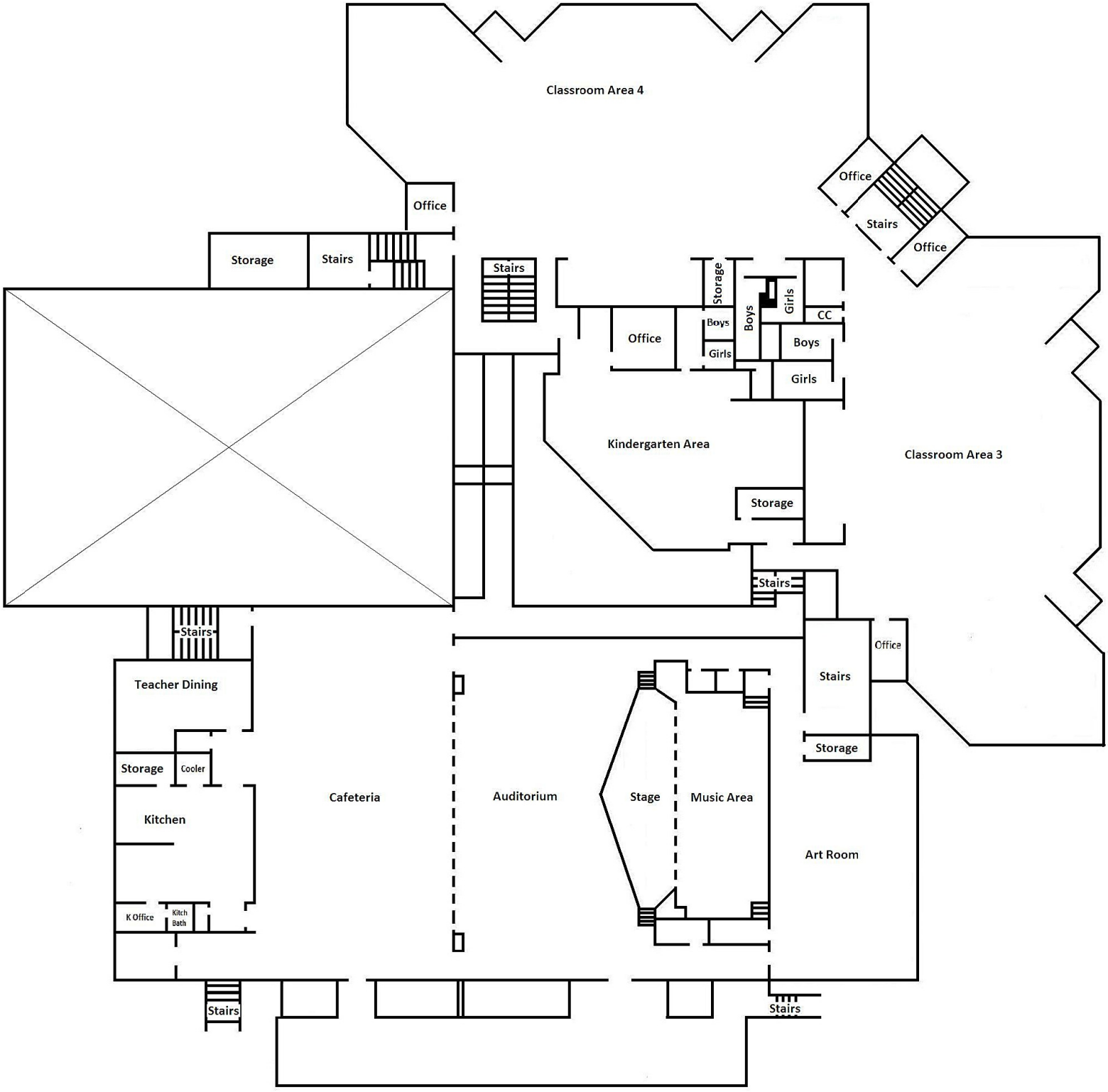
APPENDIX A

FLOOR PLANS



Hyman Fine Elementary

1st Floor



Hyman Fine Elementary
2nd Floor

APPENDIX B

ACBM REMAINING

ACBM REMAINING

The following abbreviations were used in the Reinspection Assessment Table that follows:

SF = Square Feet; LF = Linear Feet; EA = Each

The assessment is divided into two categories. The physical assessment and the hazard potential assessment as follows:

PHYSICAL ASSESSMENT:

The physical assessment is divided into the following seven categories and describes the material condition at the time of the inspection:

Physical Condition #1 -	Damaged or significantly damaged thermal insulation.
Physical Condition #2	Damaged friable surfacing ACM.
Physical Condition #3	Significantly damaged friable surfacing ACM.
Physical Condition #4	Damaged or significantly damaged friable miscellaneous ACM.
Physical Condition #5	ACBM with potential for damage.
Physical Condition #6	ACBM with potential for significant damage.
Physical Condition #7	Any remaining friable ACBM or friable suspected ACBM.

HAZARD ASSESSMENT:

The hazard assessment is a combination of the physical assessment combined with the potential for disturbance (i.e. physical contact, vibration air movement) as follows:

Hazard rank #1 – Good condition/Low potential for disturbance

Hazard rank #2 – Good condition/ Moderate potential for disturbance

Hazard rank #3 – Good condition/ High potential for disturbance

Hazard rank #4 – Fair condition/Low potential for disturbance

Hazard rank #5 – Fair condition/Moderate potential for disturbance

Hazard rank #6 – Fair condition/ High potential for disturbance

Hazard rank #7 – Poor condition (significant damage)

Hyman Fine Elementary School

3-YEAR REINSPECTION ASSESSMENT TABLE

October 21, 2020 **Project No. 413225**

Location: Building-Floor/Room or Area	**Type of Material**	**Quantity**	**Homogenous Area Number**	**Physical/ Hazard Assessment**	**Condition**	**Friable/ Non-Friable (F/NF)**
2nd floor – Teachers room, kitchen storage, office and storage at entry, Art room storage, 1st Floor - Main office, kindergarten storage, side work room at Rooms 76-78	12"x12" white with gray VFT	3,200 SF	HA – 1	5/1	Good	NF
2nd floor – Teachers room, kitchen storage, office and storage at entry, Art room storage, 1st Floor - Main office, kindergarten storage, side work room at Rooms 76-78	Mastic	3,200 SF	HA – 2	5/1	Good	NF
Hallways	Fire Doors **Gym doors removed 5/2017**	24	HA – 3	5/1	Good	F
Cafeteria and Art room	Stone linoleum floor	4,100 SF	HA – 4A	5/1	Good	NF
Cafeteria and Art room	Mastic	4,100 SF	HA – 4B	5/1	Good	NF
Classroom 1 office **(Note: Couldn't locate)**	Mastic under 12"x12" Blue VFT	150 SF	HA – 6	5/1	Good	NF
Main Lobby	12"x12" Gray Mottled VFT	500 SF	HA – 7	5/1	Good	NF
Main Lobby	Mastic	500 SF	HA – 8	5/1	Good	NF

Hyman Fine Elementary School

3-YEAR REINSPECTION ASSESSMENT TABLE

October 21, 2020 **Project No. 413225**

Location: Building-Floor/Room or Area	Type of Material	Quantity	Homogenous Area Number	Physical/ Hazard Assessment	Condition	Friable/ Non-Friable (F/NF)
Gym Hall	12"x12" Tan with brown VFT	700 SF	HA – 9	5/1	Good	NF
Gym Hall	Mastic	700 SF	HA – 10	5/1	Good	NF
Classrooms 1-4, Teacher Dining	White sink undercoat	5 EA	HA - 13	5/1	Good	NF
Center stair at kindergarten	Blue Stair Tread	200 SF	HA - 21	5/1	Good	NF
Center stair at kindergarten	Mastic	200 SF	HA - 22	5/1	Good	NF
Room 116 (Teacher's planning Center)	12"x12" Light Blue VFT	300 SF	HA - 23	5/1	Good	NF
Room 116 (Teacher's planning Center), Activity Room,	Mastic	450 SF	HA - 24	5/1	Good	NF
Bathrooms	1" Tan Ceramic Tile Grout	900 SF	HA - 25	5/1	Good	NF
Bathrooms	1" Tan Ceramic Tile Adhesive	900 SF	HA - 26	5/1	Good	NF
Art room	Gray sink undercoat	2 EA	HA-31	5/1	Good	NF
Upper level mechanical room and boiler room	Red duct seam sealant	600 LF	HA-32	5/1	Good	NF

Notes:

TSI has been sampled and found to be non-ACM.
Glue daubs could be present beneath non-ACM Tectum.
Most Floor Tile and/or mastic is ACM

6- Month Periodic Re-inspection

Date Re-inspected:_____

Re-inspection done by:_____

Changes in Condition:_____

_____

_____

_____

APPENDIX C

HOMOGENOUS AREA SAMPLING GUIDE

HOMOGENOUS AREA SAMPLING GUIDE

Note 1: Where mastic is listed, it is associated with the material above. (i.e. Floor tile is followed by mastic and cove base is followed by mastic etc).

Hyman Fine Elementary School

3-YEAR REINSPECTION
HOMOGENOUS MATERIAL TABLE

October 21, 2020 **Project No. 424071**

Homogenous Material Number	Material	Sampled (Yes/No)	ACM (yes/no)	Date Sampled	How Many Samples	Lab Doing Analysis	Lab Project Number
HA-1	12”x12” white with gray VFT	Yes	Yes	6/15/11 10/21/20	2 2	AmeriSci TRC	211063701 0055851
HA-2	Mastic	Yes	Yes	6/15/11 10/21/20	2 2	AmeriSci TRC	211063701 0055851
HA 3	Fire Doors	Yes	Yes	5/24/16	2	San Air	16017641
HA 4A	Stone linoleum floor	Yes	Yes	6/15/11	2	AmeriSci	211063701
HA 4B	Mastic	No	Assumed	N/A	N/A	N/A	N/A
HA-5	12”x12” Blue VFT	Yes	No	6/15/11	2	AmeriSci	211063701
HA-6	Mastic	Yes	Yes	6/15/11	2	AmeriSci	211063701
HA-7	12”x12” Gray Mottled VFT	No	Assumed	N/A	N/A	N/A	N/A
HA-8	Mastic	No	Assumed	N/A	N/A	N/A	N/A
HA-9	12”x12” Tan with brown VFT	Yes	Yes	6/15/11	1	AmeriSci	211063701
HA-10	Mastic	Yes	Yes	6/15/11	1	AmeriSci	211063701
HA-11	Tectum Board	Yes	No	7/27/17	2	San Air	17029468
HA-12	Carpet Mastic	Yes	No	10/21/20	2	TRC	0055851
HA-13	White sink undercoat	No	Assumed	N/A	N/A	N/A	N/A

Hyman Fine Elementary School

3-YEAR REINSPECTION
HOMOGENOUS MATERIAL TABLE

October 21, 2020 **Project No. 424071**

Homogenous Material Number	Material	Sampled (Yes/No)	ACM (yes/no)	Date Sampled	How Many Samples	Lab Doing Analysis	Lab Project Number
HA-14	Black Cove Base	Yes	No	7/27/17	2	San Air	17029468
HA-15	Mastic	Yes	No	7/27/17	2	San Air	17029468
HA-16	Brown Cove Base	Yes	No	6/15/11	2	AmeriSci	211063701
HA-17	Mastic	Yes	No	6/15/11	2	AmeriSci	211063701
HA-18	Stage Curtain	Yes	No	6/15/11	2	AmeriSci	211063701
HA-19	Pipe fitting insulation **Boiler Room – Removed 6/17**	Yes	No	3/24/17	3	San Air	17011036
HA-20	2'x2' Acoustic Ceiling Tiles	Yes	No	7/27/17	2	San Air	17029468
HA-21	Blue Stair Tread	No	Assumed	N/A	N/A	N/A	N/A
HA-22	Mastic	No	Assumed	N/A	N/A	N/A	N/A
HA-23	12"x12" Light Blue VFT	No	Assumed	N/A	N/A	N/A	N/A
HA-24	Mastic	No	Assumed	N/A	N/A	N/A	N/A
HA-25	1" Tan Ceramic Tile Grout	No	Assumed	N/A	N/A	N/A	N/A
HA-26	1" Tan Ceramic Tile Adhesive	No	Assumed	N/A	N/A	N/A	N/A
HA-27	Gym Floor Adhesive	Yes	No	1/20/21	2	TRC	0056302
HA-28	White Cove Base	Yes	No	7/27/17	2	San Air	17029468

Hyman Fine Elementary School

3-YEAR REINSPECTION
HOMOGENOUS MATERIAL TABLE

October 21, 2020 **Project No. 424071**

Homogenous Material Number	Material	Sampled (Yes/No)	ACM (yes/no)	Date Sampled	How Many Samples	Lab Doing Analysis	Lab Project Number
HA-29	Mastic	Yes	No	7/27/17	2	San Air	17029468
HA-30	TSI – Breeching **Removed 6/17**	Yes	No	3/24/17	6	San Air	17011036
HA-31	Gray sink undercoat	No	Assumed	N/A	N/A	N/A	N/A
HA-32	Red duct seam sealant	Yes	Yes	10/21/20	2	TRC	0055851

*1 – This material is mostly enclosed above the ceiling or behind sheetrock walls.

APPENDIX D

EPA AHERA SELF AUDIT CHECKLIST

AHERA Asbestos Management Plan
Self-Audit Checklist for Designated Persons*

School:	**Phone:**
Address:	
County:	
Local Education Agency:	**Phone:**
Address:	
Designated Person:	**Phone:**
Address:	
Date Checklist Completed by Designated Person:	
Designated Person's Signature:	

Yes No N/A N/A - Not Applicable	**School:**
	General Information
☐ ☐ ☐	1. Has an Asbestos Management Plan been developed for your school? (40 CFR § 763.93)
☐ ☐ ☐	2. Does the Local Education Agency (LEA) have a complete and up-to-date copy of the school's management plan in both the LEA's administrative office and the school's administrative office? (40 CFR § 763.93(g)(2)-(3))
☐ ☐ ☐	3. Was the management plan developed by an accredited management planner? **Did you know?** Your LEA *may* require each management plan to contain a statement signed by an accredited management plan developer that he/she has prepared or assisted in the preparation of the plan or has reviewed the plan and that the plan is in compliance with 40 CFR 763, Subpart E. The management plan developer that signs the statement may not also implement the plan (40 CFR § 763.93(f)). (40 CFR § 763.93(e))

*References to Model Asbestos Management Plan (AMP) forms are to the forms contained in EPA Region 2's guidance manual, published March 2004, entitled: "Model AHERA Asbestos Management Plan for Local Education Agencies." The Model AMP forms and this Self-Audit Checklist are not a substitute for the applicable legal requirements, are not regulations themselves, and are not required to be used/completed under AHERA. Rather, they are provided by EPA Region 2 as guidance to enhance schools' compliance with EPA AHERA regulations regarding the required documentation that must be included in the AMP. These documents do not impose legally binding requirements on any party, including EPA, states, or the regulated community, and are not intended and cannot be relied upon to create any rights, substantive or procedural, enforceable by any party in litigation with the United States. Please contact your state asbestos coordinator for any applicable state regulations/AMP Forms.

EPA

Yes No N/A N/A - Not Applicable	**School:**
☐ ☐ ☐	4. For each consultant who contributed to the management plan, does the plan include the following: • consultant's name? • a statement that he/she is accredited under the state accreditation program or another state's accreditation program or an EPA-approved course? (40 CFR § 763.93 (e)(12)(i)-(ii)) Note: Although not required, EPA suggests including in the AMP the name of the training agency, the course name and date, and a copy of the accreditation certificate for each consultant. *Tip: See suggested Model AMP Form 1 - Contact Information
☐ ☐ ☐	5. Does the management plan include a list of the name and address of each building used as a school building and identify whether the school building has: • friable ACBM (asbestos-containing building material)? • non-friable ACBM? • friable and non-friable suspected ACBM assumed to be ACM (asbestos-containing material)? (40 CFR §§ 763.93(a)(1)-(2) and 763.93(e)(1)) *Tip: See Model AMP Form 2 - School Building List
☐ ☐ ☐	6. If a new school building was constructed after October 12, 1988 and is asbestos-free, does the management plan include the following and has a copy of same been provided by the LEA to the EPA Regional Office: • a statement signed by an architect or project engineer responsible for the construction of the building, or by an accredited inspector, indicating that no ACBM was specified as a building material in any construction document for the building, or, to the best of his or her knowledge, no ACBM was used as a building material in the building? (40 CFR § 763.99(a)(7)) *Tip: See Model AMP Form 2 - School Building List
☐ ☐ ☐	7. Does the management plan include a copy of any of the statements required under 40 CFR § 763.99(a)(1)-(7) to support an exclusion from inspection that the school may qualify for under 40 CFR § 763.99 and has a copy of any such statement been provided by the LEA to the Regional Office? (40 CFR § 763.99) Note: The exclusion under 40 CFR § 763.99(a)(7) is also covered under Checklist question number 6.

Yes No N/A N/A - Not Applicable	**School:**
☐ ☐ ☐	8. Does the management plan include the following information about the LEA Designated Person (DP): • Name, address, and telephone number of the DP? • Course name, dates, and hours of training that the DP attended to carry out his or her AHERA duties? • Signed statement by the DP that the LEA's general responsibilities under 40 CFR § 763.84 have been or will be met? (40 CFR § 763.93(e)(4) and (i)) Note: Although not required, EPA suggests including in the AMP the name of the training agency and a copy of the DP's training certificates. *Tip: See Model AMP Form 1 - Contact Information and Form 3 - Designated Person Assurances
☐ ☐ ☐	9. Does the management plan include the following recommendations: • A plan for reinspection required under 40 CFR § 763.85? • A plan for operations and maintenance activities (including initial cleaning) required under 40 CFR § 763.91? • A plan for periodic surveillance required under 40 CFR § 763.92? • A description of the management planner's recommendation for additional cleaning under 40 CFR § 763.91(c)(2), as part of an operations and maintenance program, and the response of the LEA to that recommendation? (40 CFR § 763.93(e)(9)) *Tip: See Model AMP Form 10 - Plan for Reinspection, Form 14 - Plan for Operations and Maintenance Activities, Form 18 - Periodic Surveillance Plan/Report, and Form 16 Cleaning Record
☐ ☐ ☐	10. Does the management plan include an evaluation of resources needed to carry out response actions, reinspections, operations and maintenance, and periodic surveillance and training? (40 CFR § 763.93(e)(11)) *Tip: See suggested Model AMP Form 4 - Evaluation of Resources
☐ ☐ ☐	11. Does the management plan include a record of the minimum 2 hours of awareness training required under 40 CFR § 763.92(a)(1) for all maintenance and custodial staff who may work in a building that contains ACBM, whether or not they are required to work with ACBM, and does the record include the following information: • person's name and job title? • date training was completed? • location of training? • number of hours completed? **Did you know?** New custodial and maintenance employees must be trained within 60 days after starting work (40 CFR §763.92(a)(1)). (40 CFR §§ 763.93(h) and 763.94(c)) Note: Although not required, EPA suggests including in the AMP the name of the training agency, the course name, and a copy of the accreditation certificate for each staff person. *Tip: See Model AMP Form 5 - Training Record for Maintenance and Custodial Staff

Yes No N/A N/A - Not Applicable	**School:**
☐ ☐ ☐	12. Does the management plan include a record of the additional 14 hours of training required under 40 CFR § 763.92(a)(2) for maintenance and custodial staff who conduct any activities that will result in the disturbance of ACBM and does the record include the following information: • person's name and job title? • date training was completed? • location of training? • number of hours completed? (40 CFR §§ 763.93(h) and 763.94(c)) Note: Although not required, EPA suggests including in the AMP the name of the training agency, the course name, and a copy of the accreditation certificate for each staff person. *Tip: See Model AMP Form 5 - Training Record for Maintenance and Custodial Staff
Inspections and Reinspections	
☐ ☐ ☐	13. For inspections conducted before 12/14/87 (i.e., the effective date of the 10/30/87 EPA Asbestos-Containing Materials in Schools rule), does the management plan include the following information: • date of inspection? • blueprint, diagram or written description of each school building that identifies clearly each location and approximate square or linear footage of homogenous /sampling area sampled for ACM? • if possible, the exact locations where the bulk samples were collected and the dates of collection? • a copy of the analyses of any bulk samples, dates of analyses, and a copy of any other laboratory reports pertaining to the analyses. • description of response actions or preventive measures taken, including, if possible, the names and addresses of all contractors, start and completion dates and air clearance sample results? • description of assessments of material identified prior to 12/14/87 as friable ACBM or friable suspected ACBM assumed to be ACM, and the name, signature, state of accreditation and if, applicable, the accreditation number of the person making the assessments (i.e., inspector)? (40 CFR § 763.93(e)(2)(i)-(v)) *Tip: See Model AMP Form 6 - Inspection Cover Sheet, Form 8 - Homogeneous Area/Bulk Sample Summary, Form 9 - Homogeneous Area/Bulk Sample Diagram, Form 12 - Implementation of Response Actions, and Form 7 - Room/Functional Space Assessment
☐ ☐ ☐	14. Does the management plan include for each inspection and reinspection conducted under 40 CFR § 763.85 the following information: • date of the inspection or reinspection? • name, signature, state of accreditation, and, if applicable, the accreditation number for each accredited inspector performing the inspection or reinspection? (40 CFR § 763.93(e)(3)(i)) Note: Although not required, EPA suggests including in the AMP the name of the training agency, the course name and date, and a copy of the accreditation certificate for each inspector. *Tip: See Model AMP Form 6 - Inspection Cover Sheet

Yes No N/A N/A - Not Applicable	**School:**
☐ ☐ ☐	15. Does the management plan include for each inspection and reinspection conducted under 40 CFR § 763.85 the following sampling information: • Blueprint, diagram, or written description of each school building that identifies clearly each location and approximate square or linear footage of homogeneous areas where material was sampled for ACM? • Exact location where each bulk sample was collected and the date of collection of each bulk sample? • Homogeneous areas where friable suspected ACBM is assumed to be ACM? • Homogeneous areas where nonfriable suspected ACBM is assumed to be ACM? • Description of the manner used to determine sampling locations? • The name, signature, state of accreditation, and, if applicable, the accreditation number for each accredited inspector that collected samples? (40 CFR § 763.93(e)(3)(ii)-(iii)) Note: For details on how to collect bulk samples, see 40 CFR § 763.86. Although not required, EPA suggests including in the AMP the name of the training agency, the course name and date, and a copy of the accreditation certificate for each inspector that collected the samples. *Tip: See Model AMP Form 6 - Inspection Cover Sheet, Form 8 - Homogeneous Area/Bulk Sample Summary, and Form 9 - Homogeneous Area/Bulk Sample Diagram
☐ ☐ ☐	16. Does the management plan include for each inspection and reinspection conducted under 40 CFR § 763.85 the following information on the analysis of the bulk samples and has it been submitted to the DP for inclusion in the plan within 30 days of the analysis: • Copy of the analysis of any bulk samples collected and analyzed? • Name and address of any laboratory that analyzed bulk samples? • A statement that any laboratory used meets the applicable laboratory accreditation requirements of 40 CFR § 763.87(a)? • Dates of any analyses performed? • Name and signature of the person performing each analysis? (40 CFR §§ 763.87(d) and 763.93(e)(3)(iv)) Note: For details on how to submit bulk samples for analysis, see 40 CFR § 763.87.
☐ ☐ ☐	17. Does the management plan include for each inspection and reinspection conducted under 40 CFR § 763.85 the following assessment information and has it been submitted to the DP for inclusion in the plan within 30 days of the assessment: • Written assessments (signed and dated) required to be made under 40 CFR § 763.88 of all ACBM and suspected ACBM assumed to be ACBM? • Name, signature, state of accreditation, and, if applicable, the accreditation number of each accredited person making the assessment (i.e., inspector(s)) (40 CFR §§ 763.88(a)(2) and 763.93(c)(3)(v) Note: Although not required, EPA suggests including in the AMP the name of the training agency, the course name and date, and a copy of the accreditation certificate for each inspector making the assessment. *Tip: See Model AMP Form 6 - Inspection Cover Sheet and Form 7 - Room/Functional Space Assessment

Yes No N/A N/A - Not Applicable	**School:**
☐ ☐ ☐	18. Has the following information about the inspection been recorded and submitted to the DP for inclusion in the management plan within 30 days of the inspection: • Inspection report with the date of inspection signed by each accredited inspector making the inspection, the state of accreditation, and if applicable, his/her accreditation number? • Inventory of the locations of the homogeneous areas where samples are collected, exact location where each bulk sample is collected, dates that samples are collected, homogeneous areas where friable suspected ACBM is assumed to be ACM and homogeneous areas where nonfriable suspected ACBM is assumed to be ACM? • Description of the manner used to determine sampling locations, the name and signature of each accredited inspector who collected the samples, state of accreditation, and, if applicable, his or her accreditation number? • List of whether the homogeneous areas identified under 40 CFR § 763.85(a)(4)(vi)(B) of this section, are surfacing material, thermal system insulation, or miscellaneous material? • Assessments of friable material (signed and dated), the name and signature of each accredited inspector making the assessment, state of accreditation, and if applicable, his or her accreditation number? (40 CFR §§ 763.85(a)(4)(vi)(A)-(E) and 763.88(a)(2)) Note: For further details on activities conducted during an inspection (e.g., visually inspect/touch material), see 40 CFR § 763.85(a)(4)(i)-(v) *Tip: See Model AMP Form 6 - Inspection Cover Sheet, Form 7 - Room/Functional Space Assessment, Form 8 - Homogeneous Area/Bulk Sample Summary and Form 9 - Homogeneous Area /Bulk Sample Diagram
☐ ☐ ☐	19. Has the following information about the reinspection been recorded and submitted to the DP for inclusion in the management plan within 30 days of the reinspection: • Date of reinspection, name and signature of the person making the reinspection, state of accreditation, and if applicable, his or her accreditation number, and any changes in the condition of known or assumed ACBM? • Exact location where samples were collected during the reinspection, a description of the manner used to determine sampling locations, the name and signature of each accredited inspector who collected the samples, state of accreditation, and, if applicable, his or her accreditation number? • Any assessments or reassessments of friable material, date of the assessment or reassessment, the name and the signature of the accredited inspector making the assessments, state of accreditation, and if applicable, his or her accreditation number? (40 CFR §§ 763.85(b)(3)(vii)(A) - (C) and 763.88(a)(2)) Note: At least once every 3 years after a management plan has been in effect, a reinspection must be conducted by an accredited inspector of all friable and nonfriable known or assumed ACBM in each school building that the LEA leases, owns, or otherwise uses as a school building (40 CFR § 763.85(b)(1)-(2)). For further details on activities conducted during a reinspection (e.g., visually reinspect/touch material), see 40 CFR § 763.85(b)(3)(i)-(vi). *Tip: See Model AMP Form 6 - Inspection Cover Sheet, Form 7 - Room/Functional Space Assessment, Form 8 - Homogeneous Area/Bulk Sample Summary, Form 9 - Homogeneous Area /Bulk Sample Diagram

Yes No N/A N/A - Not Applicable	**School:**
	Response Actions
☐ ☐ ☐	20. Does the management plan include the recommendations made to the LEA regarding response actions under 40 CFR § 763.88(d) and the following information about the accredited management planner: • name, signature, state of accreditation, and, if applicable, the accreditation number for each accredited management planner making the recommendations? (40 CFR §§ 763.88(d) and 763.93(e)(5)) Note: Although not required, EPA suggests including in the AMP the name of the training agency, the course name and date, and a copy of the accreditation certificate for each accredited person making the recommendations. *Tip: See Model AMP Form 11 - Recommended Response Actions
☐ ☐ ☐	21. Does the management plan include a detailed description of preventive measures and response actions to be taken, including the following: **Did you know?** The LEA may select, from the response actions which protect human health and the environment, the least burdensome action (40 CFR § 763.90(a)). • Methods to be used for any friable ACBM? • Locations where such measures and actions will be taken? • Reasons for selecting the response action or preventive measure? • Schedule for beginning and completing each preventive measure or response action? (40 CFR § 763.93(e)(6)) Note: For further details on how to conduct response actions, see 40 CFR § 763.90 *Tip: See Model AMP Form 11 - Recommended Response Actions
☐ ☐ ☐	22. Does the management plan include one of the following statements for the person or persons who inspected for ACBM and who will design or carry out response actions, except for operations and maintenance, with respect to the ACBM: • statement that he/she is accredited under the state accreditation program, or that the LEA has used (or will use) persons accredited under another state's accreditation program or an EPA-approved course? (40 CFR § 763.93(e)(7)) *Tip: See note on Model AMP Form 3 - Designated Persons Assurances

Yes No N/A N/A - Not Applicable	**School:**
☐ ☐ ☐	23. Does the management plan include a detailed written description of each preventive measure and response action taken for friable and nonfriable ACBM and friable and nonfriable suspected ACBM assumed to be ACM, including the following: • Methods used? • Location where the measure or action was taken? • Reasons for selecting the measure or action? • Start and completion dates of the work? • Names and addresses of all contractors involved and, if applicable, their state of accreditation and accreditation numbers? • If ACBM is removed, the name and location of storage or disposal site of the ACM? (40 CFR § 763.94(b)(1)) Note: Although not required, EPA suggests including in the AMP a copy of the accreditation. *Tip: See Model AMP Form 12 - Implementation of Response Actions
☐ ☐ ☐	24. Does the management plan include the following sampling information required to be collected at the completion of certain response actions specified by 40 CFR § 763.90(i): • Name and signature of any person collecting any air sample required to be collected? • Locations where samples were collected? • Date of collection? • Name and address of the laboratory analyzing the samples? • Date of analysis? • Results of analysis? • Method of analysis? • Name and signature of the person performing the analysis? • Statement that the laboratory meets the applicable laboratory accreditation requirements of 40 CFR § 763.90(i)(2)(ii)? (40 CFR § 763.94(b)(2)) *Tip: See Model AMP Form 12 - Implementation of Response Actions
☐ ☐ ☐	25. Does the management plan include a detailed description in the form of a blueprint, diagram, or written description, of any ACBM or suspected ACBM assumed to be ACM that remains in the school once response actions are undertaken under 40 CFR § 763.90 and is the description updated as response actions are completed? (40 CFR § 763.93(e)(8))
☐ ☐ ☐	26. For each homogeneous area where all ACBM has been removed, have records been retained in the management plan for at least 3 years after the next reinspection required under 40 CFR § 763.85(b)(1), or for an equivalent period? **Did you know?** Significantly damaged friable surfacing ACM or significantly damaged friable miscellaneous ACM must be immediately isolated and access must be restricted unless isolation is not necessary to protect human health and the environment. Then, this material must be removed, or depending upon whether enclosure or encapsulation would be sufficient to protect human health and the environment, enclosed or encapsulated (40 CFR § 763.90(d)(1) - (2)). (40 CFR §§ 763.93(h) and 763.94(a)

Yes No N/A N/A - Not Applicable	**School:**
	Operations and Maintenance
☐ ☐ ☐	27. Does the management plan include a record of each cleaning conducted under 40 CFR § 763.91(c), including the following: • Name of each person performing the cleaning? • Date of the cleaning? • Locations cleaned? • Methods used to perform the cleaning? (40 CFR §§ 763.93(h) and 763.94(e)) Note: For details on initial cleaning after an inspection and before the initiation of any response action, other than O&M activities or repair, see 40 CFR § 763.91(c)(1) and for details on any additional cleaning recommended by the management planner and approved by the LEA, see 40 CFR § 763.91(c)(2). *Tip: See Model AMP Form 16 - Cleaning Record
☐ ☐ ☐	28. Does the management plan include a record of each O&M activity and major asbestos activity, with the following information: • Name of each person performing the activity? • For a major asbestos activity, the name, signature, state of accreditation and, if applicable, the accreditation number of each person performing the activity? • Start and completion date of each activity? • Location of the activity? • Description of the activity including preventative measures used? • If ACBM is removed, the name and location of the storage and disposal site for the ACM? (40 CFR §§ 763.93(h) and 763.94(f) and(g)) Note: The response actions for any maintenance activities disturbing friable ACBM, other than small-scale, short-duration maintenance activities, must be designed by persons accredited to design response actions and conducted by persons accredited to conduct response actions (40 CFR § 763.91(e)). Although not required, EPA suggests including in the AMP a copy of the accreditation. *Tip: See Model AMP Form 15 - Operations and Maintenance Activities
☐ ☐ ☐	29. Does the management plan include a record of each fiber release episode, whether major or minor, with the following information: • Date and location of the episode? • Method of repair? • Preventive measure or response action taken? • Name of each person performing the work? • If ACBM is removed, the name and location of the storage and disposal site of the ACM? (40 CFR §§ 763.93(h) and 763.94(h)) Note: A major fiber release episode is the falling or dislodging of more than 3 square or linear feet of friable ACBM (40 CFR § 763.91(f)(2)). A minor fiber release episode is the falling or dislodging of 3 square or linear feet or less of friable ACBM (40 CFR § 763.91(f)(1)). *Tip: See Model AMP Form 17 - Major/Minor Fiber Release Episode Log

Yes No N/A N/A - Not Applicable	**School:**
	Periodic Surveillance
☐ ☐ ☐	30. Does the management plan include a record of each periodic surveillance performed under 40 CFR § 763.92(b), with the following information: • Name of person performing the surveillance? • Date of the surveillance? • Any changes in the condition of the material? (40 CFR §§ 763.92(b)(2)(ii)-(iii), 763.93(h) and 763.94(d)) Note: A periodic surveillance of each school building must be conducted at least once every 6 months after a management plan has been in effect (40 CFR § 763.92(b)). *Tip: See Model AMP Form 18 - Periodic Surveillance Plan/Report
	Notification
☐ ☐ ☐	31. Does the management plan include the following notification information: • Description of the steps taken to notify, in writing, at least once a year, parent, teacher and employee organizations of the availability of the management plan for review? • Dated copies of all such management plan availability notifications (e.g., letter, newsletter)? • Description of the steps taken to inform workers and building occupants, or their legal guardians, about inspections, reinspections, response actions, and post-response action activities, including periodic reinspection and surveillance activities that are planned or in progress? (Under 40 CFR § 763.84(c), the LEA must inform them about these activities at least once each school year.) (40 CFR §§ 763.93(e)(10) and 763.93(g)(4)) *Tip: See Model AMP Form 19 - Plan to Inform

Appendix A - Glossary

Unless otherwise noted with an asterisk (*), the following definitions contained in this Glossary can be found under 40 CFR § 763.83:

Act means the Toxic Substances Control Act (TSCA), 15 U.S.C. 2601, et seq.

Accessible when referring to asbestos-containing material means that the material is subject to disturbance by school building occupants or custodial or maintenance personnel in the course of their normal activities.

Accredited or *accreditation* when referring to a person or laboratory means that such person or laboratory is accredited in accordance with section 206 of Title II of the Act.

Air erosion means the passage of air over friable asbestos-containing building material (ACBM) which may result in the release of asbestos fibers.

Asbestos means the asbestiform varieties of: Chrysotile (serpentine); crocidolite (riebeckite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite.

Asbestos-containing material (ACM) when referring to school buildings means any material or product which contains more than 1 percent asbestos.

Asbestos-containing building material (ACBM) means surfacing ACM, thermal system insulation ACM, or miscellaneous ACM that is found in or on interior structural members or other parts of a school building.

Asbestos debris means pieces of ACBM that can be identified by color, texture, or composition, or means dust, if the dust is determined by an accredited inspector to be ACM.

Damaged friable miscellaneous ACM means friable miscellaneous ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that its bond to the substrate (adhesion) is inadequate or which for any other reason lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

Damaged friable surfacing ACM means friable surfacing ACM which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or which has delaminated such that its bond to the substrate (adhesion) is inadequate, or which, for any other reason, lacks fiber cohesion or adhesion qualities. Such damage or deterioration may be illustrated by the separation of ACM into layers; separation of ACM from the substrate; flaking, blistering, or crumbling of the ACM surface; water damage; significant or repeated water stains, scrapes, gouges, mars or other signs of physical injury on the ACM. Asbestos debris originating from the ACBM in question may also indicate damage.

Damaged or significantly damaged thermal system insulation ACM means thermal system insulation ACM on pipes, boilers, tanks, ducts, and other thermal system insulation equipment where the insulation has lost its

structural integrity, or its covering, in whole or in part, is crushed, water-stained, gouged, punctured, missing, or not intact such that it is not able to contain fibers. Damage may be further illustrated by occasional punctures, gouges or other signs of physical injury to ACM; occasional water damage on the protective coverings/jackets; or exposed ACM ends or joints. Asbestos debris originating from the ACBM in question may also indicate damage.

Designated Person means a person appointed by the Local Education Agency (LEA), under 40 CFR § 763.84 (g), who is trained to ensure the proper implementation of AHERA in school buildings. *

Encapsulation means the treatment of ACBM with a material that surrounds or embeds asbestos fibers in an adhesive matrix to prevent the release of fibers, as the encapsulant creates a membrane over the surface (bridging encapsulant) or penetrates the material and binds its components together (penetrating encapsulant).

Enclosure means an airtight, impermeable, permanent barrier around ACBM to prevent the release of asbestos fibers into the air.

Fiber release episode means any uncontrolled or unintentional disturbance of ACBM resulting in visible emission.

Friable when referring to material in a school building means that the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously nonfriable material after such previously nonfriable material becomes damaged to the extent that when dry it may be crumbled, pulverized, or reduced to powder by hand pressure.

Functional space means a room, group of rooms, or homogeneous area (including crawl spaces or the space between a dropped ceiling and the floor or roof deck above), such as classroom(s), a cafeteria, gymnasium, hallway(s), designated by a person accredited to prepare management plans, design abatement projects, or conduct response actions.

High-efficiency particulate air (HEPA) refers to a filtering system capable of trapping and retaining at least 99.97 percent of all monodispersed particles 0.3 μm in diameter or larger.

Homogeneous area means an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture.

Local education agency (LEA) means: (1) Any local educational agency as defined in section 198 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 3381). (2) The owner of any nonpublic, nonprofit elementary, or secondary school building. (3) The governing authority of any school operated under the defense dependent's education system provided for under the Defense Dependents' Education Act of 1978 (20 U.S.C. 921, et seq.).

Miscellaneous ACM means miscellaneous material that is ACM in a school building.

Miscellaneous material means interior building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include surfacing material or thermal system insulation.

Nonfriable means material in a school building which when dry may not be crumbled, pulverized, or reduced to powder by hand pressure.

Operations and maintenance program means a program of work practices to maintain friable ACBM in good condition, ensure clean up of asbestos fibers previously released, and prevent further release by minimizing and controlling friable ACBM disturbance or damage.

Phase contrast microscopy (PCM) refers to the procedure outlined in NIOSH Method 7400 for the evaluation of fibers in air samples.*

Polarized light microscopy (PLM) refers to the method outlined in 40 CFR § 763, Appendix E to Subpart E, for the identification of asbestos in bulk samples.*

Potential damage means circumstances in which: (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. (2) There are indications that there is a reasonable likelihood that the material or its covering will become damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage.

Potential significant damage means circumstances in which: (1) Friable ACBM is in an area regularly used by building occupants, including maintenance personnel, in the course of their normal activities. (2) There are indications that there is a reasonable likelihood that the material or its covering will become significantly damaged, deteriorated, or delaminated due to factors such as changes in building use, changes in operations and maintenance practices, changes in occupancy, or recurrent damage. (3) The material is subject to major or continuing disturbance, due to factors including, but not limited to, accessibility or, under certain circumstances, vibration or air erosion.

Preventive measures means actions taken to reduce disturbance of ACBM or otherwise eliminate the reasonable likelihood of the material's becoming damaged or significantly damaged.

Removal means the taking out or the stripping of substantially all ACBM from a damaged area, a functional space, or a homogeneous area in a school building.

Repair means returning damaged ACBM to an undamaged condition or to an intact state so as to prevent fiber release.

Response action means a method, including removal, encapsulation, enclosure, repair, operations and maintenance, that protects human health and the environment from friable ACBM.

Routine maintenance area means an area, such as a boiler room or mechanical room, that is not normally frequented by students and in which maintenance employees or contract workers regularly conduct maintenance activities.

School means any elementary or secondary school as defined in section 198 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 2854).

School building means: (1) Any structure suitable for use as a classroom, including a school facility such as a laboratory, library, school eating facility, or facility used for the preparation of food. (2) Any gymnasium or other facility which is specially designed for athletic or recreational activities for an academic course in physical education. (3) Any other facility used for the instruction or housing of students or for the administration of educational or research programs. (4) Any maintenance, storage, or utility facility, including any hallway, essential to the operation of any facility described in this definition of "school building" under paragraphs (1), (2), or (3). (5) Any portico or covered exterior hallway or walkway. (6) Any exterior portion of a mechanical system used to condition interior space.

Significantly damaged friable miscellaneous ACM means damaged friable miscellaneous ACM where the damage is extensive and severe.

Significantly damaged friable surfacing ACM means damaged friable surfacing ACM in a functional space where the damage is extensive and severe.

State means a State, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the Northern Marianas, the Trust Territory of the Pacific Islands, and the Virgin Islands.

Surfacing ACM means surfacing material that is ACM.

Surfacing material means material in a school building that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

Thermal system insulation (TSI) means material in a school building applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.

Thermal system insulation ACM means thermal system insulation that is ACM.

Transmission electron microscopy (TEM) refers to the method outlined in 40 CFR § 763, Appendix A to Subpart E, for the identification of asbestos in air samples.*

Vibration means the periodic motion of friable ACBM which may result in the release of asbestos fibers.

Appendix B - Acronyms

ACM - Asbestos-containing material

ACBM - Asbestos-containing building material

AHERA - Asbestos Hazard Emergency Response Act

DOT - Department of Transportation

DP - AHERA Designated Person

EPA - U.S. Environmental Protection Agency

HEPA - High-efficiency particulate air

LEA - Local Education Agency

NIOSH - National Institute for Occupational Safety and Health

NIST - National Institute of Standards and Technology

NVLAP - National Voluntary Laboratory Accreditation Program

O&M - Operations and maintenance

OSHA - Occupational Safety and Health Administration

PCM - Phase contrast microscopy

PLM - Polarized light microscopy

TEM - Transmission electron microscopy

TSI - Thermal system insulation

APPENDIX E

MANAGEMENT PLANNER TRAINING INFORMATION

MANAGEMENT PLANNER INFORMATION

MANAGEMENT PLANNER: Gregory Hatch

COMPANY: TRC Environmental
814 Broad Street
Weymouth, MA 02189
(781) 337-0016

SIGNATURE  DATE November 15, 2020

Accredited Course: Asbestos Management Planner Training

State of Accreditation: Massachusetts

Training Provided By: Kaselaan & D'Angelo

Refresher Course Training Provided By: TRC Environmental

Refresher Course Certificate #: MA 112019-0002

State Certification #: AP 061534

Date of Certification: 2/21/20

APPENDIX F

MEMO TO PARENTS

September 1, 2020

To: Parents, Guardians, Teachers, Students, Building Occupants, and Employee Organizations
From: Marc Furtado, Director of Finance of the Attleboro School District
Re: AHERA Yearly Notification

In the past, asbestos was used extensively in building materials because of its insulating, sound absorbing, and fire retarding capabilities. Virtually any building constructed before the late 1970s contained some asbestos. Intact and undisturbed asbestos materials generally do not pose a health risk. Asbestos materials, however, can become hazardous when, due to damage or deterioration over time, they release fibers. If the fibers are inhaled, they can lead to health problems such as cancer or asbestosis.

In 1986, Congress passed the Asbestos Hazard Emergency Response Act (AHERA) which requires schools to be inspected to identify any asbestos containing building materials. Suspected asbestos-containing building materials were located, sampled (or assumed) and rated according to condition and potential hazard. Every three years, the Attleboro Public School District has conducted a re-inspection to determine whether the condition of the known or assumed asbestos-containing building materials (ACBM) has changed and to make recommendations on managing or removing the ACBM.

The law further requires an asbestos management plan to be in place by July 1989. The Attleboro Public School District developed a plan, as required, which has been continually updated. The plan has several ongoing requirements: publish a notification on management plan and how to deal with it; notify short term or temporary workers on the locations of the ACBM; post warning labels in routine maintenance areas where asbestos was previously identified or assumed; follow set plans and procedures designed to minimize the disturbance of the ACBM; and survey the condition of the materials every six months to assure that they remain in good condition.

It is the intention of the Attleboro Public School District to comply with all federal and state regulations and to take whatever steps are necessary to ensure students and employees a healthy and safe environment in which to learn and work.

A copy of the AHERA management plan for the Attleboro School District is available for review in the facilities office and the individual school offices during regular school hours. Any inquiries regarding asbestos containing materials in our schools should be directed to our AHERA Designated Person Jason Parenteau, who can be reached at the Facilities Office and at jason.parenteau@sodexo.com or (508) 226-1169 with any questions.

APPENDIX G

SAMPLE ANALYSIS REPORTS

AEC Laboratories, LLC

MA License: AA000197
RI License: AAL-112A1
CT License: PH-0124

October 28, 2010

Client Name and Address:
American Environmental Consultants, Inc.
810 Broad Street
Weymouth, MA 02189

Re: Bulk Asbestos Results from Hyman Fine School - Town of Attleboro School Dept.
790 Oak Hill Ave; Attleboro, MA
Client Project Number: Not Provided

AEC Laboratory Number: **01856.00**

Dear Joseph Cooney,

We at AEC Laboratories, LLC would like to thank you for your recent business. 2 sample(s) were received on 10/28/2010 from a job located at 790 Oak Hill Ave; Attleboro, MA for Rush Turn Around Time. The final report is enclosed for the aforementioned samples.

Please note that this report conforms to all applicable State and Federal requirements. AEC Laboratories, LLC follows prescribed procedures for the analysis of bulk materials to identify and quantify asbestos type and content.

These results only pertain to this job and should not be used in the interpretation of any other job. This report may be reproduced only in its entirety.

If you have any questions please do not hesitate to call me at the number below.

Steven Grevelis
Laboratory Manager

Enclosures:
- Analytical results
- Chain of Custody

AEC Laboratories, LLC
810 Broad Street - Weymouth, MA 02189 - Ph. 781.337.0567

Client: American Environmental Consultants, Inc.
810 Broad Street
Weymouth, MA 02189

Attention: Joseph Cooney
Phone: 781-337-0016 **Fax:** 781-337-0986

Re: Hyman Fine School - Town of Attleboro School Dept.

790 Oak Hill Ave; Attleboro, MA

AEC Laboratories Project Number: **01856.00**
Client Project Number: Not Provided

Date Sampled: 10/28/2010
Date Received: 10/28/2010
Date Analyzed: 10/28/2010
Date Reported: 10/28/2010

Analysis by EPA Method 600/R-93/116

Client Sample/ HA ID	*Laboratory Sample ID*	*Location*	*Description*	*Asbestos Type(s)*	*%*	*Other Materials*	*%*	*Asbestos Present*	*Total Asbestos %*
AT-01A	**01856-01**	Mechanical Room Air Handler	Black/Off-White, Heterogeneous, Vibration Gasket - Blk			Fibrous Glass Nonfibrous	55 45	**No**	**NAD**
Analyzed by: SG Date Analyzed: 10/28/10									
AT-01B	**01856-02**	Mechanical Room Air Handler	Black/Off-White, Heterogeneous, Vibration Gasket - Blk			Fibrous Glass Nonfibrous	55 45	**No**	**NAD**
Analyzed by: SG Date Analyzed: 10/28/10									

Reviewed by: Steven Grevelis
Signature:

Analyzed by: Steven Grevelis
Signature:

Reporting Notes: NAD = "No Asbestos Detected" PS = "Positive Stop" PR = "Present" <1% = Trace Due to inherent Polarized Light Microscope limitations, fibers and/or bundles below the resolution of the light microscope (approximately <.25 microns in width) will not be detected. "NAD" and "Trace" samples should be confirmed by Transmission Electron Microscopy. AEC Laboratories, LLC (AEC) maintains liability limited to cost of analysis only. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by AEC. AEC is not responsible for sample collection activities or analytical limitations. Interpretation and use of results are the responsibility of the client. AEC retains all samples for thirty (30) days after reporting. After this period AEC will dispose of all samples according to all local, state, and federal guidelines, unless requested in writing by the client. All results are expressed as a percentage based on Calibrated Visual Estimate (CVE), unless otherwise noted. Distinct layers are noted by .1, .2, etc. suffixes to lab ID.

Relinquished by: Joseph P. Cooney Date/Time: 10-28-10
Received by: [signature] Date/Time: 10/28/10
Relinquished by: Date/Time:
Received by: Date/Time:

American Environmental Consultants, Inc.
810 Broad Street
Weymouth, MA 02189
Phone: 781-337-0016
Fax: 781-337-0986
www.AEConsultants2@msn.com

Client: Town of Attleboro School Dept.
Project: Hyman Fine School
Proj. Address: 790 Oak Hill Ave., Attleboro, MA

Page 1 of 1 Lab ID: 01856

BULK SAMPLE CHAIN OF CUSTODY

Analysis: (PLM) (Positive Stop) Qualitative Point Count NOB(Prep) TEM Lead

Special Instructions:

Turnaround Time: RUSH

Sampled By: JOSEPH COONEY

Date: 10-26-10

Results to:

Verbal Results: (Y)/N

Cell #: (781) 630-2080

Name: JOE

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	HOMOGENOUS AREA / MATERIAL TYPE
	AT-01A	Mechanical room Air handler	vibration gasket-blk	
	AT-01B	" " "	" " "	

AMERI SCI

AmeriSci New York
117 EAST 30TH STREET
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-9392

June 17, 2011

AEC Laboratories, LLC
Attn: Michael McCafferty
810 Broad St.
Weymouth, MA 82189

RE: AEC Laboratories, LLC
Job Number 211063701
P.O. #Hyman Fine Elementary
Hyman Fine Elementary; 790 Oak Hill Ave.; Attleboro, MA

Dear Michael McCafferty:

Enclosed are the results for PLM asbestos analysis of the following AEC Laboratories, LLC samples received at AmeriSci on Thursday, June 16, 2011, for a 3 day turnaround:

HFS-001A, HFS-001B, HFS-002A, HFS-002B, HFS-003A, HFS-003B, HFS-004A, HFS-004B, HFS-005A, HFS-005B, HFS-006A, HFS-006B, HFS-007A, HFS-007B, HFS-008A, HFS-008B, HFS-009A, HFS-009B, HFS-010A, HFS-010B, HFS-011A, HFS-011B

The 22 samples contained in Zip Lock Bag were shipped to AmeriSci via U. S. Postal Service. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements, mandates that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Paul J. Mucha
Laboratory Director

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

AEC Laboratories, LLC
Attn: Michael McCafferty
810 Broad St.

Weymouth, MA 82189

Date Received 06/16/11
Date Examined 06/17/11
AmeriSci Job # 211063701
P.O. #

RE: Hyman Fine Elementary; 790 Oak Hill Ave.; Attleboro, MA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HFS-001A 1	211063701-01 **Location:** Storage Area 88/12"x12" Floor Tile Off White w/Grey Specs	*Yes*	3 % (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.0 % **Other Material:** Non-fibrous 97 %			
HFS-001B 1	211063701-02 **Location:** Storage Area 88/12"x12" Floor Tile Off White w/Grey Specs		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
HFS-002A	211063701-03 **Location:** Storage Area 88/Floor Adhesive- Insufficient Material Submitted For Analysis		NA
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
HFS-002B 2	211063701-04 **Location:** Storage Area 88/Floor Adhesive	*Yes*	5 % (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.0 % **Other Material:** Non-fibrous 95 %			
HFS-003A 3	211063701-05 **Location:** Cafe/Art Room/Stone Pattern Linoleum	*Yes*	20 % (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Beige, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 20.0 % **Other Material:** Non-fibrous 80 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

Hyman Fine Elementary; 790 Oak Hill Ave.; Attleboro, MA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HFS-003B 3	211063701-06 **Location:** Cafe/Art Room/Stone Pattern Linoleum		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
HFS-004A 4	211063701-07 **Location:** Cafe/Art Room/Adhesive- Insufficient Material Submitted For Analysis		NA
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
HFS-004B 4	211063701-08 **Location:** Cafe/Art Room/Adhesive- Insufficient Material Submitted For Analysis		NA
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
HFS-005A 5	211063701-09 **Location:** Cafe/Art Room/4" Cove Base Brown	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HFS-005B 5	211063701-10 **Location:** Cafe/Art Room/4" Cove Base Brown	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HFS-006A 6	211063701-11 **Location:** Cafe/Art Room/Adhesive	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Black/Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

Hyman Fine Elementary; 790 Oak Hill Ave.; Attleboro, MA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HFS-006B 6	211063701-12 **Location:** Cafe/Art Room/Adhesive	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Black/Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HFS-007A 7	211063701-13 **Location:** Cafeteria/Dividing Curtain	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 20 %, Non-fibrous 80 %			
HFS-007B 7	211063701-14 **Location:** Cafeteria/Dividing Curtain	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Brown/White, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 20 %, Non-fibrous 80 %			
HFS-008A 8	211063701-15 **Location:** Lobby/12"x12" Blueish Tile	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Blue, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HFS-008B 8	211063701-16 **Location:** Lobby/12"x12" Blueish Tile	***No***	NAD (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Blue, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
HFS-009A 9	211063701-17 **Location:** Lobby/Adhesive	***Yes***	Trace (<1 %) (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <1. % **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

Hyman Fine Elementary; 790 Oak Hill Ave.; Attleboro, MA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
HFS-009B 9	211063701-18 **Location:** Lobby/Adhesive	*Yes*	Trace (<1 %) (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <1. % **Other Material:** Non-fibrous 100 %			
HFS-010A 10	211063701-19 **Location:** Throughout Halls/12"x12" Tan w/White Brown Streaks	*Yes*	5 % (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.0 % **Other Material:** Non-fibrous 95 %			
HFS-010B 10	211063701-20 **Location:** Throughout Halls/12"x12" Tan w/White Brown Streaks		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
HFS-011A 11	211063701-21 **Location:** Throughout Halls/Black Mastic	*Yes*	7 % (by CVES) by Tara L. Fisher on 06/17/11
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 7.0 % **Other Material:** Non-fibrous 93 %			
HFS-011B 11	211063701-22 **Location:** Throughout Halls/Black Mastic		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

See Reporting notes on last page

PLM Bulk Asbestos Report

Hyman Fine Elementary; 790 Oak Hill Ave.; Attleboro, MA

Reporting Notes:

Analyzed by: Tara L. Fisher Tara Fisher

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples or 198.6 for NOB samples (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102843, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By: _____

END OF REPORT

Relinquished by: _____ Date/Time: _____
Received by: _____ Date/Time: _____
Relinquished by: _____ Date/Time: _____
Received by: [signature] Date/Time: 1524

American Environmental Consultants, Inc.
810 Broad Street
Weymouth, MA 02189
Phone: 781-337-0016
Fax: 781-337-0986
www.AEConsultants2@msn.com

Client: Attleboro Schools, Attleboro MA
Project: Hyman Fine Elementary
Proj. Address: 790 Oak Hill Ave Attleboro MA.
Page __ of __ Lab ID: _____

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ✓ PLM ___ Positive Stop ___ Qualitative ___ Point Count ___ NOB(Prep) ___ TEM ___ Lead ___
Turnaround Time: _____ Rush
Sampled By: _____ Michael McCaffrey
Date: _____
Results to: _____

Verbal Results Y / N
Cell #: _____
Name: _____

Special Instructions:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	HOMOGENOUS AREA / MATERIAL TYPE
	HFS 001A	Storage Area 88	12"x12" Floor Tile	White w/grey specs
	HFS 001B		Floor Adhesive	
	HFS 002A		Stone Pattern Linoleum	
	HFS 002B		Adhesive	
	HFS 003A	Cafe / Art Room	4" Cove base Brown	
	HFS 003B		Adhesive	
	HFS 004A			
	HFS 004B			
	HFS 005A			
	HFS 005B			
	HFS 006A			
	HFS 006B			
	HFS 007A	Cafeteria	Dividing Curtain	
	HFS 007B			
	HFS 008A	Lobby	12"x12" Blueish Tile	
	HFS 008B		Adhesive	
	HFS 009A		12"x12" Tan w/white brown streaks	
	HFS 009B	Throughout Hallways	Black mastic	
	HFS 010A	Throughout Halls		
	HFS 010B			
	HFS 011A			
	HFS 011B			

SanAir Technologies Laboratory

Analysis Report

prepared for

AEC Laboratories, LLC

Report Date: 5/26/2016
Project Name: Hyman Fine Elementary School
SanAir ID#: 16017641

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189

May 26, 2016

SanAir ID # 16017641
Project Name: Hyman Fine Elementary School
Project Number:

Dear G. Hatch,

We at SanAir would like to thank you for the work you recently submitted. The 2 sample(s) were received on Wednesday, May 25, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): 052016-01A, 052016-01B.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
2 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

16017641

FINAL REPORT

Name: AEC Laboratories, LLC
Address: 814 Broad Street
Weymouth, MA 02189

Project Number:
P.O. Number: 16802
Project Name: Hyman Fine Elementary School

Collected Date: 5/24/2016
Received Date: 5/25/2016 10:20:00 AM
Report Date: 5/26/2016 10:39:18 AM
Analyst: Tallert, Jonathan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
052016-01A / 16017641-001 Gymnasium Fire Door Insulation	White Non-Fibrous Homogeneous		82% Other	15% Amosite 3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
052016-01B / 16017641-002 Gymnasium Fire Door Insulation				Not Analyzed

Certification

Analyst: Approved Signatory:

Analysis Date: 5/26/2016 Date: 5/26/2016

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientôs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

16017641

Relinquished by: G. Hatch Date/Time: 5/24/16 10:00 am
Received by: Austin Squire Date/Time: 5-24-16 11:30
Relinquished by: Austin Squire Date/Time: 5-24-16 FedEx
Received by: _____ Date/Time: _____

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189
Phone: 781-337-0567
Fax: 781-337-0986
labreports@americanenviron.com

Client Name: Attleboro Public Schools Phone: _____
Client Address: _____
Project: Hyman Fine Elementary School
Proj. Address: 790 Oak Hill Ave Attleboro State (Required): MA

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ☒ PLM ☒ Positive Stop ☐ Qualitative ☐ Point Count ☐ NOB Prep ☐ TEM Chat ☐ Lead ☐ PCB

Turnaround Time: ☐ RUSH ☒ 24 Hour ☐ 48 Hour ☐ 3 Day ☐ 5 Day

Sampled By: G. Hatch
Date: 5/20/16
Results to (PM): G. Hatch

Verbal Results: Y (N)
Cell #: _____
Name: _____

AEC Laboratories ID: 16802

Special Instructions:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	Homogen-ous Area	Material Type
	052016-02A	Gymnasium	Fire door insulation		
	↓ -02B	↓	↓		

MAY 25 2016 10:29am

SanAir Technologies Laboratory

Analysis Report

prepared for

AEC Laboratories, LLC

Report Date: 3/30/2017
Project Name: Hyman Fine School
SanAir ID#: 17011036

NVLAP LAB CODE 200870-0

Virginia SBE Certification # 652931

Texas Licensed Mold Analysis Laboratory License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189

March 30, 2017

SanAir ID # 17011036
Project Name: Hyman Fine School
Project Number:

Dear G. Hatch,

We at SanAir would like to thank you for the work you recently submitted. The 9 sample(s) were received on Tuesday, March 28, 2017 via FedEx. The final report(s) is enclosed for the following sample(s): 032417-01A, 032417-01B, 032417-01C, 032417-02A, 032417-02B, 032417-02C, 032417-03A, 032417-03B, 032417-03C.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
9 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

17011036

FINAL REPORT

Name: AEC Laboratories, LLC
Address: 814 Broad Street
Weymouth, MA 02189

Project Number:
P.O. Number: 20053
Project Name: Hyman Fine School

Collected Date: 3/24/2017
Received Date: 3/28/2017 10:30:00 AM
Report Date: 3/30/2017 12:06:09 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
032417-01A / 17011036-001 Boiler Room - Mud On F/ G End Pipe Fitting On Fiberglass	Grey Fibrous Heterogeneous	20% Cellulose 5% Glass 5% Wollastonite	70% Other	None Detected
032417-01B / 17011036-002 Boiler Room - Mud On F/ G End Pipe Fitting On Fiberglass	Grey Fibrous Heterogeneous	20% Cellulose 5% Glass 5% Wollastonite	70% Other	None Detected
032417-01C / 17011036-003 Boiler Room - Mud On F/ G End Pipe Fitting On Fiberglass	Grey Fibrous Heterogeneous	15% Cellulose 10% Min. Wool 5% Wollastonite	70% Other	None Detected
032417-02A / 17011036-004 Boiler Room - Breeching Insulation Insulation	White Non-Fibrous Homogeneous	25% Cellulose	75% Other	None Detected
032417-02B / 17011036-005 Boiler Room - Breeching Insulation Insulation	White Non-Fibrous Homogeneous	25% Cellulose	75% Other	None Detected
032417-02C / 17011036-006 Boiler Room - Breeching Insulation Insulation	White Non-Fibrous Homogeneous	25% Cellulose	75% Other	None Detected
032417-03A / 17011036-007 Boiler Room - Breeching Insulation Mud Coat	Grey Fibrous Heterogeneous	10% Cellulose 10% Min. Wool 10% Wollastonite	70% Other	None Detected

Certification

Analyst: Nicholas Pisula

Analysis Date: 3/30/2017

Approved Signatory:

Date: 3/30/2017

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

17011036

FINAL REPORT

Name: AEC Laboratories, LLC
Address: 814 Broad Street
Weymouth, MA 02189

Project Number:
P.O. Number: 20053
Project Name: Hyman Fine School

Collected Date: 3/24/2017
Received Date: 3/28/2017 10:30:00 AM
Report Date: 3/30/2017 12:06:09 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
032417-03B / 17011036-008 Boiler Room - Breeching Insulation Mud Coat	Grey Fibrous Heterogeneous	15% Cellulose 10% Wollastonite 5% Min. Wool	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
032417-03C / 17011036-009 Boiler Room - Breeching Insulation Mud Coat	Grey Fibrous Heterogeneous	15% Cellulose 15% Min. Wool 5% Wollastonite	65% Other	None Detected

Certification

Analyst: Nicholas Pisula

Analysis Date: 3/30/2017

Approved Signatory: [signature]

Date: 3/30/2017

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientôs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

1701036

Relinquished by: G. Hatch Date/Time: 3/24/17
Received by: Austin Dane Date/Time: 3/27/17
Relinquished by: Austin Dane Date/Time: 3/27/17
Received by: _____ Date/Time: _____

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189
Phone: 781-337-0567
Fax: 781-337-0986
labreports@americanenviron.com

Client Name: **American Environmental Consultants - 814 Broad St Weymouth, MA 02189**
American Client: Hitchborn Schools Project # _____
Project: Hyman Fine School
Proj. Address: _____ Hitchborn State (Required): MA

Page 1 of 1

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ☒ PLM ☒ Positive Stop ☐ Qualitative ☐ Point Count ☐ NOB Prep ☐ TEM Chat ☐☐ PCB

AEC Laboratories ID: 20053

Turnaround Time: ☐ RUSH ☐ 24 Hour ☒ 48 Hour ☐ 3 Day ☐ 5 Day

Sampled By: G. Hatch

Verbal Results: Y / N

Special Instructions:

Date: 3/24/17

Cell #: email

Results to (PM): G. Hatch

Name:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	Homogen-ous Area	Material Type
	032417-01A	Boiler Room – Mud on the end	Pipe fitting on	Fiberglass	
	-01B				
	-01C				
	-02A	– Breeching insulation	White insulation		
	-02B				
	-02C				
	-03A		Gray mud coats		
	-03B				
	-03C				

AEC_American_Bulk COC Version 1.1 (6/06/13)

MAR 28 2017 10:30AM

Relinquished by: G. Hatch	Date/Time: 3/24/17		
Received by: Austin Dove	Date/Time: 3/27/17		
Relinquished by: Austin Dove	Date/Time: 3/27/17		
Received by:	Date/Time:		

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189
Phone: 781-337-0567
Fax: 781-337-0986
labreports@americanenviron.com

Client Name: **American Environmental Consultants - 814 Broad St Weymouth, MA 02189**
American Client: Attleboro Schools Project #
Project: Hyman Fine School
Proj. Address: Attleboro State (Required): MA

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ☒ PLM ☒ Positive Stop ☐ Qualitative ☐ Point Count ☐ NOB Prep ☐ TEM Chat ☐ PCB

AEC Laboratories ID: 20053

Turnaround Time: ☐ RUSH ☐ 24 Hour ☒ 48 Hour ☐ 3 Day ☐ 5 Day

Sampled By: G. Hatch
Date: 3/24/17
Results to (PM): G. Hatch

Verbal Results: Y / N
Cell #: email
Name:

Special Instructions:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	Homogen-ous Area	Material Type
	032417-01A	Boiler Room - Mud on Fg end	Pipe fitting on Fiberglass		
	-01B	↓	↓		
	-01C	↓	↓		
	-02A	- Breeching insulation	White insulation		
	-02B	↓	↓		
	-02C	↓	↓		
	-03A	↓	Gray mud coat		
	-03B	↓	↓		
	-03C	↓	↓		

SanAir Technologies Laboratory

Analysis Report

prepared for

AEC Laboratories, LLC

Report Date: 8/9/2017
Project Name: Attlebro Schools
Project #: 424071 21417
SanAir ID#: 17029468

NVLAP LAB CODE 200870-0

Virginia SBE Certification # 652931

Texas Licensed Mold Analysis Laboratory License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.
1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189

August 9, 2017

SanAir ID # 17029468
Project Name: Attlebro Schools
Project Number: 424071 21417

Dear G. Hatch,

We at SanAir would like to thank you for the work you recently submitted. The 12 sample(s) were received on Wednesday, August 02, 2017 via FedEx. The final report(s) is enclosed for the following sample(s): 072717-01A, 072717-01B, 072717-02A, 072717-02B, 072717-03A, 072717-03B, 072717-04A, 072717-04B, 072717-05A, 072717-05B, 072717-06A, 072717-06B.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
12 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

17029468

FINAL REPORT

Name: AEC Laboratories, LLC
Address: 814 Broad Street
Weymouth, MA 02189

Project Number: 424071 21417
P.O. Number:
Project Name: Attlebro Schools

Collected Date: 7/27/2017
Received Date: 8/2/2017 10:05:00 AM
Report Date: 8/9/2017 3:41:22 PM
Analyst: Robertson, Erin

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
072717-01A / 17029468-001 Kindergarten Bathroom 2' X 2' Acoustic Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
072717-01B / 17029468-002 Kindergarten Bathroom 2' X 2' Acoustic Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
072717-02A / 17029468-003 1st Floor Stairwell Tectum Ceiling	White Fibrous Heterogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
072717-02B / 17029468-004 1st Floor Classroom Area 1 Tectum Ceiling	White Fibrous Heterogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
072717-03A / 17029468-005 1st Floor Classroom Area 1 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
072717-03B / 17029468-006 1st Floor Classroom Area 2 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
072717-04A / 17029468-007 1st Floor Classroom Area 1 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: Erin Robertson
Analysis Date: 8/9/2017

Approved Signatory:
Date: 8/9/2017

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

17029468

FINAL REPORT

Name: AEC Laboratories, LLC
Address: 814 Broad Street
Weymouth, MA 02189

Project Number: 424071 21417
P.O. Number:
Project Name: Attlebro Schools

Collected Date: 7/27/2017
Received Date: 8/2/2017 10:05:00 AM
Report Date: 8/9/2017 3:41:22 PM
Analyst: Robertson, Erin

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
072717-04B / 17029468-008 1st Floor Classroom Area 2 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected
072717-05A / 17029468-009 1st Floor Resource Ctr Cubicle Cove Base	White Non-Fibrous Homogeneous		100% Other	None Detected
072717-05B / 17029468-010 1st Floor Resource Ctr Cubicle Cove Base	White Non-Fibrous Homogeneous		100% Other	None Detected
072717-06A / 17029468-011 1st Floor Resource Ctr Cubicle Mastic	Yellow Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
072717-06B / 17029468-012 1st Floor Resource Ctr Cubicle Mastic	Yellow Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected

Certification

Analyst: Erin Robertson
Analysis Date: 8/9/2017

Approved Signatory:
Date: 8/9/2017

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientôs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

17029468

Relinquished by: G. Hatch Date/Time: 7/31/17
Received by: Cynthia Rose Date/Time: 8/1/17 14:00
Relinquished by: Cynthia Rose Date/Time: 8/1/17 FedEx
Received by: _____ Date/Time: _____

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189
Phone: 781-337-0567
Fax: 781-337-0986
labreports@americanenviron.com

Client Name: **American Environmental Consultants - 814 Broad St Weymouth, MA 02189**
American Client: Attleboro Schools Project # 424071
Project: Hyman Fine Elementary School
Proj. Address: 710 Oak Hill Ave Attleboro State (Required): MA

Page 1 of 1

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ☒ PLM ☒ Positive Stop ☐ Qualitative ☐ Point Count ☐ NOB Prep ☐ TEM Chat ☐☐ PCB

AEC Laboratories ID: 21417

Turnaround Time: ☐ RUSH ☐ 24 Hour ☐ 48 Hour ☐ 3 Day ☒ 5 Day

Sampled By: G. Hatch

Date: 7/27/17

Results to (PM): G. Hatch

Verbal Results: Y (N)

Cell #: Email.

Name:

Special Instructions:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	Homogen-ous Area	Material Type
	072717-01A	Kindergarten Bathroom	2'x2' Acoustic	ceiling	tile
	01B		↓		
	02A	1st Floor stairwell	Textum ceiling		
	02B	1st Floor Classroom Area 1	↓		
	03A	" " " "	Black cove base		
	03B	" " " "	↓		
	04A	" " " "	Mastic		
	04B	" " " "	↓		
	05A	" " Resource Ctr Outside	White cove base		
	05B	" "	↓		
	06A	" "	Mastic		
	06B	" "	↓		

JC 10:05 am 8/2/17

Relinquished by: G. Hatch Date/Time: 7/31/17 PM
Received by: Cristin Rose Date/Time: 8/1/17 14:00
Relinquished by: Cristin Rose Date/Time: 8/1/17 FedEx
Received by: _____ Date/Time: _____

AEC Laboratories, LLC
814 Broad Street
Weymouth, MA 02189
Phone: 781-337-0567
Fax: 781-337-0986
labreports@americanenviron.com

Client Name: **American Environmental Consultants - 814 Broad St Weymouth, MA 02189**
American Client: Attleboro Schools Project # 424071
Project: Hyman Fine Elementary School
Proj. Address: 790 Oak Hill Ave Attleboro State (Required): MA

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ☒ PLM ☒ Positive Stop ☐ Qualitative ☐ Point Count ☐ NOB Prep ☐ TEM Chat ☐ PCB

AEC Laboratories ID: 21417

Turnaround Time: ☐ RUSH ☐ 24 Hour ☐ 48 Hour ☐ 3 Day ☒ 5 Day

Sampled By: G. Hatch

Date: 7/27/17

Results to (PM): G. Hatch

Verbal Results: Y (N)

Cell #: email.

Name:

Special Instructions:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	Homogen-ous Area	Material Type
	072717-01A	Kindergarten Bathroom	2'x2' Acoustic ceiling		Tile
	01B				
	02A	1st Floor stairwell	Textum ceiling		
	02B	1st Floor Classroom Area 1			
	02C	" " " "	Black cove base		
	03A	" " " "			
	03B	" " " "	Mastic		
	04A	" " " "			
	04B	" " " "			
	05A	" " Resource Ctr Cubicle	White cove base		
	05B	" "			
	06A	" "	Mastic		
	06B	" "			

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Attleboro School Department

Lab Log #: 0055851
Project #: 413225.0002.0000
Date Received: 10/22/2020
Date Analyzed: 10/26/2020

Site: Hyman Fine Elementary School, 790 Oak Hill Avenue, Attleboro, MA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
102120-01A	Red (duct sealant)	Yes	No	- -	10%	cellulose	3%	Chrysotile
102120-01B	- -	- -	- -	- -		- -	NA/PS	- -
102120-02A	Grey (vinyl floor tile)	Yes	No	- -		- - -	3%	Chrysotile
102120-02B	- -	- -	- -	- -		- -	NA/PS	- -
102120-03A	Black (mastic)	Yes	No	- -	5%	cellulose	5%	Chrysotile
102120-03B	- -	- -	- -	- -		- -	NA/PS	- -
102120-04A	Yellow (carpet mastic)	Yes	No	- -		- - -	ND	None
102120-04B	Yellow (carpet mastic)	Yes	No	- -		- - -	ND	None

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: Joel Corso, Laboratory Analyst

Reviewed by: Kathleen Williamson, Laboratory Manager

Date Issued 10/29/2020

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 AIHA-LAP,LLC #100122 CT #PH-0426 ME LA-0075, LB-0071 MA #AA000052 NY #10980 WV #000622
RI #PLM0007 TX #300354 VT #AL910359 LA#05011 VA #3333 000283 AZ #A20944 HI #L-09-004 NJ #CT004 CA #2907
CO# AL-15020 PHIL# 461 PA#68-03387

55851

Relinquished by: G. Hatch Date/Time: 10/22/20 5:00 PM
Received by: Date/Time: 10/22/20 1400
Relinquished by: Date/Time:
Received by: Date/Time:

Client: Attleboro Schools Project: 4132025
Client Address:
Project: Hyman Fine
Proj. Address: 390 Oak Hill Ave, Attleboro State (Required): MA

TRC
814 Broad Street
Weymouth, MA 02189
Phone: 781-337-0016
Fax: 781-337-0986
Results to: mmccaffrey@trccompanies.com
ghatch@trccompanies.com

Page 1 of 1

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ☒ PLM ☒ Positive Stop ☐ Qualitative ☐ Point Count ☐ NOB Prep ☐ TEM Chat ☐ Lead ☐ PCB

AMEN 62 Laboratory ID:

Turnaround Tim ☐ RUSH ☐ 24 Hour ☐ 48 Hour ☐ 3 Day ☑ 5 Day

Sampled By: G. Hatch

Date: 10/22/20

Results to (PM): G. Hatch

Verbal Results: Y / N

Cell #: email

Name:

Special Instructions:

email:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	Homogen-ous Area	Material Type
	102120 - 01A	Upper level Mechanical Room	red duct sealant		
	- 01B	↓	↓		
	- 02A	Cafeteria Storage	12x12 Gray VFT		
	- 02B	↓	↓		
	- 03A		Black mastic		
	- 03B	↓	↓		
	- 04A	2nd floor hall at room 103	Carpet mastic		
	- 04B	Resource Center	↓		
	-				
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	-				
	-				
	-				
	-				
	-				
	-				
	-				

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Attleboro School Department

Lab Log #:	0056302
Project #:	413225.0002.0000
Date Received:	01/21/2021
Date Analyzed:	01/25/2021

Site: Hyman Fine Elementary School, 790 Oak Hill Avenue, Attleboro, MA

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
GG012021-01A	Tan (vinyl flooring)	Yes	No	- -	- - -	ND	None
GG012021-01B	Tan (vinyl flooring)	Yes	No	- -	- - -	ND	None
GG012021-02A	Tan (mastic)	Yes	No	- -	- - -	ND	None
GG012021-02B	Tan (mastic)	Yes	No	- -	- - -	ND	None

ND - asbestos was not detected
Trace - asbestos was observed at level of 1% or less - This is the reporting limit
NA/PS - Not Analyzed / Positive Stop
SNA - Sample Not Analyzed- See Chain of Custody for details
Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2021. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2022. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Joel Corso, Approved Signatory

Date Issued 01/26/2021

Relinquished by: G. Hatch Date/Time: 1/20/21
Received by: Date/Time:
Relinquished by: Date/Time:
Received by: Date/Time:

Client: Attleboro Schools Project: 413325
Client Address:
Project: Hyman Fine
Proj. Address: 790 Oak Hill Ave Attleboro State (Required): MA

TRC 56302
814 Broad Street
Weymouth, MA 02189
Phone: 781-337-0016
Fax: 781-337-0986
Results to: mmccaffrey@trccompanies.com
ghatch@trccompanies.com
Page 1 of 1

BULK SAMPLE CHAIN OF CUSTODY

Analysis: ☒ PLM ☒ Positive Stop ☐ Qualitative ☐ Point Count ☐ NOB Prep ☐ TEM Chat ☐ Lead ☐ PCB

Turnaround Time: ☐ RUSH ☐ 24 Hour ☐ 48 Hour ☒ 3 Day ☐ 5 Day

Sampled By: G. Hatch
Date: 1/20/21
Results to (PM): G. Hatch

Verbal Results: Y / N
Cell #: email
Name:

AMEN 62 Laboratory ID:

Special Instructions:
email:

LAB ID	FIELD ID	LOCATION	SAMPLE DESCRIPTION	Homogen-ous Area	Material Type
	GH012021 - 01A	Gym Floor	Vinyl Flooring		
	GH012021 - 01B	↓	↓		
	GH012021 - 02A		Mastic		
	GH012021 - 02B	↓	↓		
	-				
	-				
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Rec by
1/21/21 / 1600