DOTHAN CITY BOE

TRANSPORTATION CENTER MANAGEMENT PLAN

FOR

ASBESTOS-CONTAINING MATERIALS

Updated
June 2, 2026
By

RainCrow Environmental
752 Myrick Rd.
Deatsville, Alabama 36022

Alabama Asbestos Management Program

L1 **AHERA Management Plan School Cover Sheet**

LEA: Dothan City Schools (Name) 1 3 0 (Code #)

L2 School: Transportation Center (Name) 1 8 0 (Code #)

L3 **Management Plan Submission** ☐ Original ☒ Resubmitted ☐ New Building

L4 **List of Documents Attached**

- ☒ List of School Buildings (Form 3)
- ☒ Homogeneous Areas (Form 4)
- ☒ Summary of Recommendations (Form 5)
- ☒ Response Action Plan (Form 6 & 6A)
- ☒ Follow-up Action Plan (Form 7)
- ☐ Assessment Sheet(s) (Optional Form 8)
- ☐ Sampling Form (Optional Form 9)
- ☐ Lab Report(s) (Optional Form 10)

L5 **LEA AHERA DESIGNEE** (*School Asbestos Coordinator)*

Typed Name: Mrs. Sharla Godwin

Mailing Address: 1665 Honeysuckle Rd.
Dothan, AL 36305

Name of Training Course: Managing Asbestos in Bldgs.

Year 21 Month 11 Day 10 Total Hours of Course 16

Name of Training Agency: Safe State (Univ of Alabama)

L6 **MANAGEMENT PLANNER**

Typed Name: Mr. Stan Eller

Agency: RainCrow Environmental

Accreditation Number: APL0625257655

Signature: Stan Eller Date: 6/2/2026

For persons who performed inspections, and recommend(ed) design, or carry out response actions (except for operations and maintenance) the local education agency used or will use persons who have been accredited by a state which has adopted a contractor accreditation plan under section 206(b) of Title II of the Act or is accredited by an EPA-approved course under section 206(c) of Title II of the Act. In addition, the LEA has considered whether any conflict of interest may arise from the interrelationship among accredited personnel, such as abatement activities being performed by an inspector or management planner, and whether that should influence the selection of accredited personnel to perform activities under this AHERA program.

The signatories below certify that the general local education agency responsibilities, as stipulated by Part 763.84 have been met or will be met.

L7 Signature: _____ Signature: _____

LEA AHERA Designee *LEA Superintendent/ Owner*

Date: _____

Dr. Garrick Askew
Typed Name of Superintendent/Owner

For Reviewing Agency Use Only

☐ Accepted

☐ Returned for Reason Stated Below

_____

_____

Reviewers Signature: _____ **Date:** _____

Alabama Asbestos Management Program

School Listing of Buildings

L1 **LEA:** Dothan City Schools 1 3 0
Name *Code #*

L2 **School:** Transportation Center 1 8 0
Name *Code #*

L3 **Address:** 430 3rd Ave.

Dothan, Al 36301 **County** Houston

C1	C2	C3	C4		C5				
	Building Description	Total Ft.²	Date of Inspection		Check Here for Presence of: ACBM		Suspect ACBM		
No.	Name (Address if different than school)		Present	Previous	Friable	Non-Friable	Friable	Non-Friable	No ACBM
01	Main Building	10,316	2/26/25	1/5/93			X	X	

L4 Inspector: Stan Eller Alabama Certification Number: AIN0624257655
Name

Signature Date: 2/28/2025 Agency: RainCrow Environmental

Alabama Asbestos Management Program

Building Homogeneous Area

L1 **Code:** 1 3 0 - 1 8 0 - 0 1
LEA School Building

L2 **School:** Transportation Center
Name

L3 **Building:** Main Building
Name

C1 Homogeneous Area # (2-digit)	C2 Functional Space # (2-digit)	C3 Friable (Y/N)	C4 Category (T, S, M)	C5 Description	C6 Sampling Sheet (s)	C7 Lab Report (s)	C8 ACM (Y/N)	C9 Assumed ACM	C10 Assessment Sheet	C11 Assessment Category (1-7)
01	01	N	M	Carpet Mastic (Beneath plum carpet in office closet) **all replaced**				~~X~~		
02	01	N	S	Sink w/ spray-on (Office)				X		5
03	01	N	M	Carpet Mastic (Beneath green/orange/ purple carpet) **all replaced**				~~X~~		
04	01	N	M	Vinyl cove base (Offices) teal, blue, & grey **all replaced**				~~X~~		
05	01	N	M	2'x4' Ceiling Tile (Offices) white worm w/ pinholes				X		5
06	02	Y	T	3- Modine Gas Ceiling Heater/ Linings (Shop Area)				X		7
07	01	N	M	12" VFT/Mastic (Office) blue w/ white / speckles **covered w/ carpet**				X		5
08	01	N	M	Sheetrock Walls (Offices)				X		5
09	03	N	M	Sheetrock Walls (Shop Office)				X		5

L4 Inspector: Stan Eller Alabama Certification Number: AIN0624257655
Name
Signature Date: 2/26/2025 Agency: RainCrow Environmental

L5 Planner: Stan Eller Alabama Certification Number: APL0724257655
Name
Signature Date: 2/28/2025 Agency: RainCrow Environmental

Alabama Asbestos Management Program

School Summary of Recommendations

L1 LEA/School Code: 1 3 0 - 1 8 0
LEA School

L2 **School:** Transportation Center
Name

C1 Building Code (2-digit) Homogeneous Area Code (2-digit) Functional Space Code (2-digit) (Attach Form 6 & 6A for each column checked)	C2 Type of Recommendation (Check Each Column as Applicable)											
	Removal	Encapsulations	Enclosure	Repair	Preventive	Cleaning	Work Practice (O&M)	Surveillance	Reinspection	Warnings	Training	Other (Specify)
0 1 - 0 2 - 0 1							X	X	X		X	
0 1 - 0 5 - 0 1							X	X	X		X	
0 1 - 0 6 - 0 2							X	X	X		X	
0 1 - 0 7 - 0 1							X	X	X		X	
0 1 - 0 8 - 0 1							X	X	X		X	
0 1 - 0 9 - 0 3							X	X	X		X	
- -												
- -												
- -												
- -												

L3 Planner: Stan Eller Alabama Certification Number: APL0724257655
Name

Signature Date: 2/28/2025 Agency: RainCrow Environmental

Alabama Asbestos Management Program

Response Action Plan (Part 1)
(Form 6A must accompany this form)

L1 **LEA:** Dothan City Schools — Code # 1 3 0
Name

L2 **School:** Transportation Center — Code # 1 8 0
Name

L3 **Response Action**

☐ Removal	☐ Encapsulation	☐ Enclosure	☐ Work Practices (O&M)
☐ Repair	☐ Isolation	☐ Preventive	☐ Cleaning (O&M)
☐ Warnings	☒ Training	☐ Other Specify	

L4 **Description of the Recommended Response Action:**

1] Designated person training per Section 763.84(g) (2). Contact Safe State for training requirements and schedule.

2] Custodial personnel for 2 hr. awareness training per Section 763.92(a) (1) immediately or prior to implementation of the O & M program.

3] Custodial & maintenance personnel 14 hr. training per Section 763.92(a) (2) for personnel who conduct activities that may disturb ACBM. Contact Safe State for training requirements and schedule.

L5 **Reasons for Selecting this Response Action:**

Having staff members trained lessens the opportunity for a fiber release episode occurring accidentally. Having at least one member of the maintenance staff certified as an abatement worker ensures that the LEA could handle a fiber release episode in a safe and timely manner.

L6 **Resources Needed:**

1] Funds to purchase awareness training aids such as films, videos, etc.

2] Funds to provide additional training to maintenance staff either by having them attend a seminar or contract a training consultant to provide the training.

L7 **Estimated Total Cost of the Response Action at This School:**

Year 1 $1,500 Year 2 $400 Year 3 $400

L8 Planner: Stan Eller — Alabama Certification Number: APL0724257655
Name

Stan Eller — Date: 2/28/2025 Agency: RainCrow Environmental
Signature

Alabama Asbestos Management Program

Response Action Plan (Part 1)
(Form 6A must accompany this form)

L1 **LEA:** Dothan City Schools — Code # 1 3 0
Name

L2 **School:** Transportation Center — Code # 1 8 0
Name

L3 **Response Action**

☐ Removal	☐ Encapsulation	☐ Enclosure	☒ Work Practices (O&M)
☐ Repair	☐ Isolation	☐ Preventive	☐ Cleaning (O&M)
☐ Warnings	☐ Training	☐ Other Specify	

L4 **Description of the Recommended Response Action:**
Implement O & M Plan that includes posting warning labels on ACBM in maintenance areas, appropriate training of personnel that might encounter ACBM, or disturb ACBM during performance of their normal work duties, and instruct and implement approved work practices for working with/around ACBM as described in the school's O & M Plan.

L5 **Reasons for Selecting this Response Action:**
To protect workers from potential airborne asbestos fibers during/after an asbestos fiber release episode.

L6 **Resources Needed:**
Funds for specialized equipment such as a HEPA vacuum, and an approved respirator; other needed items are disposable clothing, labeled bags, surfactant, encapsulant, non-shrinking patching compound, caulking and sealants.

L7 **Estimated Total Cost of the Response Action at This School:**

Year 1 2000.00 Year 2 400.00 Year 3 400.00

L8 Planner: Stan Eller (*Name*) Alabama Certification Number: APL0724257655

Stan Eller (*Signature*) Date: 2/28/2025 Agency: RainCrow Environmental

Alabama Asbestos Management Program

Response Action Plan (Part 2)
(Form 6 must accompany this form)

L1 **LEA:** Dothan City Schools (*Name*) 1 3 0 (*Code #*)

L2 **School:** Transportation Center (*Name*) 1 8 0 (*Code #*)

L3 **Response Action**

- ☐ Removal
- ☐ Encapsulation
- ☐ Enclosure
- ☒ Work Practices (O&M)
- ☐ Repair
- ☐ Isolation
- ☐ Preventive
- ☐ Cleaning (O&M)
- ☐ Warnings
- ☒ Training
- ☐ Other Specify _____

C1			C2	C3		C3	
Location Code Nos. 2 digits-per column				Schedule		LEA (Initial)	
Bldg.	HA	FS	Comments	Start Date	Completed Date	Accept	Reject*
01	02	01	See Form 4's	Immediately	Upon Removal		
01	05	01		"	Or Clearance		
01	06	02		"			
01	07	01		"			
01	08	01		"			
01	09	03		"			

** LEA must attach detailed description of alternative action selected including rationale*

L4 Planner: Stan Eller (*Name*) Alabama Certification Number: APL0724257655

Stan Eller (*Signature*) Date: 2/28/2025 Agency: RainCrow Environmental

L5 ***AL-AHERA Form 6A (May, 88)*** ***-Photocopy As Needed-*** ***Page 1 of 1***

Alabama Asbestos Management Program

Follow-Up Action

L1 **LEA:** Dothan City Schools (*Name*) 1 3 0 (*Code #*)

L2 **School:** Transportation Center (*Name*) 1 8 0 (*Code #*)

L3 **Follow-Up Action**

- [X] Reinspection
- [ ] Periodic Surveillance
- [ ] Notification/Recordkeeping
- [ ] Other Specify

L4 **Description of the Follow-Up Action:**

All ACBM not removed should be re-inspected at least every three years.
[Per 40 CFR Part 763.85 (b) (1)]

L5 **Resources Needed:**

Certified Inspector

L6 **Estimated Total Cost of the Response Action at This School:**

Year 1 0 Year 2 0 Year 3 800

L7 Planner: Stan Eller (*Name*) Alabama Certification Number: APL0724257655

(*Signature*) Date: 2/28/2025 Agency: RainCrow Environmental

L8 *AL-AHERA Form 7 (May, 88)* *-Photocopy As Needed-* *Page _____ of _____*

Alabama Asbestos Management Program

Follow-Up Action

L1 **LEA:** Dothan City Schools (*Name*) 1 3 0 (*Code #*)

L2 **School:** Transportation Center (*Name*) 1 8 0 (*Code #*)

L3 **Follow-Up Action**

- ☐ Reinspection
- ☐ Periodic Surveillance
- ☒ Notification/Recordkeeping
- ☐ Other Specify _____

L4 **Description of the Follow-Up Action:**

All employees and the students should be notified of the presence of ACBM. A sample notification form is included in the O & M Plan. Record keeping should follow the recommendations specified in the O & M Plan, and / or 40 CFR Part 763.94.

L5 **Resources Needed:**

Clerical Personnel, Copying Costs

L6 **Estimated Total Cost of the Response Action at This School:**

Year 1 $100 Year 2 $100 Year 3 $100

L7 Planner: Stan Eller (*Name*) Alabama Certification Number: APL0724257655

Stan Eller (*Signature*) Date: 2/28/2025 Agency: RainCrow Environmental

Alabama Asbestos Management Program

Follow-Up Action

L1 **LEA:** Dothan City Schools (*Name*) 1 3 0 (*Code #*)

L2 **School:** Transportation Center (*Name*) 1 8 0 (*Code #*)

L3 **Follow-Up Action**

- [ ] Reinspection
- [X] Periodic Surveillance
- [ ] Notification/Recordkeeping
- [ ] Other Specify

L4 **Description of the Follow-Up Action:**

At least once every six months, the LEA shall conduct periodic surveillance in each building that contains ACBM per 40 CFR Part 763.91 (d).

L5 **Resources Needed:**

Employee to inspect material

L6 **Estimated Total Cost of the Response Action at This School:**

Year 1 300 Year 2 300 Year 3 300

L7 Planner: Stan Eller (*Name*) Alabama Certification Number: APL0724257655

(*Signature*) Date: 2/28/2025 Agency: RainCrow Environmental

Alabama Asbestos Management Program

L1 **AHERA Management Plan School Cover Sheet**

LEA: Dothan City Schools (Name) 1 3 0 (Code #)

L2 School: Transportation Complex (Name) 1 8 0 (Code #)

L3 **Management Plan Submission** [X] Original [ ] Resubmitted [ ] New Building

L4 **List of Documents Attached**

- [X] List of School Buildings (Form 3)
- [ ] Homogeneous Areas (Form 4)
- [ ] Summary of Recommendations (Form 5)
- [ ] Response Action Plan (Form 6 & 6A)
- [ ] Follow-up Action Plan (Form 7)
- [ ] Assessment Sheet(s) (Optional Form 8)
- [ ] Sampling Form (Optional Form 9)
- [ ] Lab Report(s) (Optional Form 10)

L5 **LEA AHERA DESIGNEE** *(School Asbestos Coordinator)*

Typed Name: Ted Hall

Mailing Address: 500 Dusy Street

Dothan, AL 36301

Name of Training Course: AHERA Inspector/AHERA Management Planner

Year 88 Month 7 Day 15 Total Hours of Course 40

Name of Training Agency: University of Alabama

L6 **MANAGEMENT PLANNER**

Typed Name: Ted Hall

Agency: Dothan City Schools

Accreditation Number: PL0788H9506

Signature: Ted Hall Date: 1/6/93

For persons who performed inspections, and recommend(ed) design, or carry out response actions (except for operations and maintenance) the local education agency used or will use persons who have been accredited by a state which has adopted a contractor accreditation plan under section 206(b) of Title II of the Act or is accredited by an EPA-approved course under section 206(c) of Title II of the Act. In addition, the LEA has considered whether any conflict of interest may arise from the interrelationship among accredited personnel, such as abatement activities being performed by an inspector or management planner, and whether that should influence the selection of accredited personnel to perform activities under this AHERA program.

The signatories below certify that the general local education agency responsibilities, as stipulated by Part 763.84 have been met or will be met.

L7 Signature: Ted Hall (LEA AHERA Designee)

Date: 1/6/93

Signature: Don R Musselman (LEA Superintendent/Owner)

Don R. Musselman (Typed Name of Superintendent/Owner)

For Reviewing Agency Use Only

- [ ] Accepted
- [ ] Returned for Reason Stated Below

Reviewers Signature: _____ **Date:** _____

Alabama Asbestos Management Program

School Listing of Buildings

L1 **LEA:** Dothan City Schools (Name) — 1 3 0 (Code #)

L2 **School:** Transportation Complex (Name) — 1 8 0 (Code #)

L3 **Address:** 400 Third Ave.

Dothan, AL 36301 **County** Houston

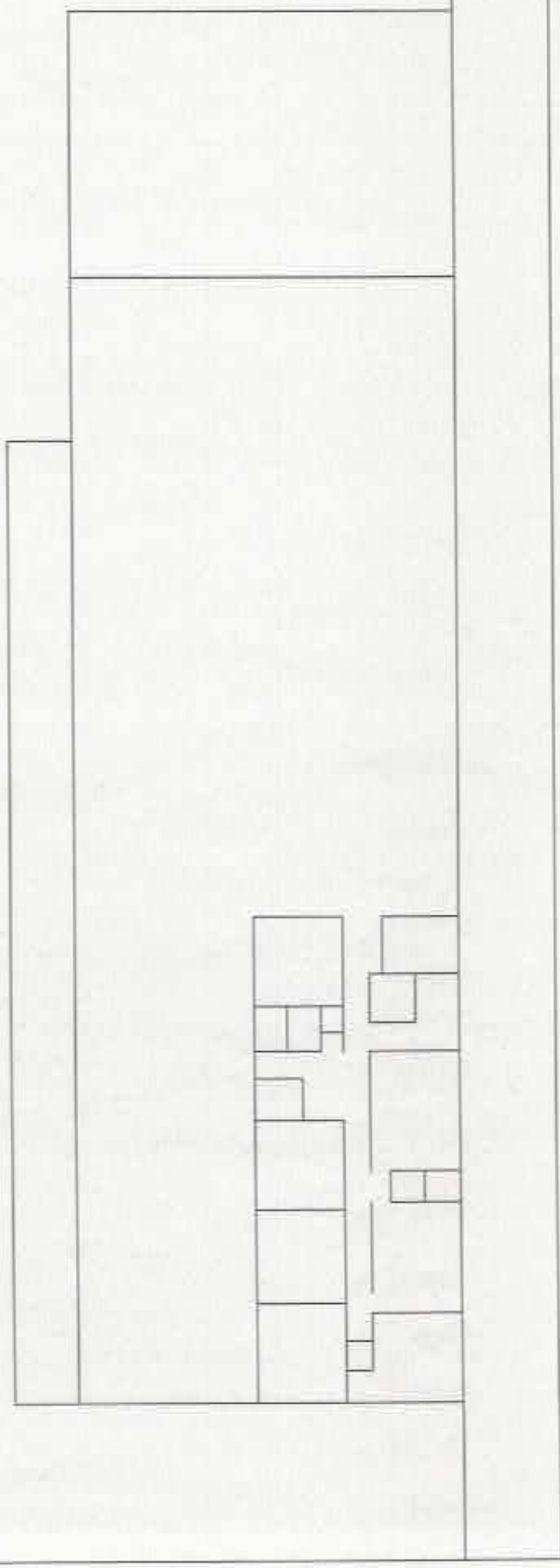
C1	C2	C3	C4		C5				
	Building Description	Total Ft.²	Date of Inspection		Check Here for Presence of: ACBM		Suspect ACBM		
No.	Name (Address if different than school)		Present	Previous	Friable	Non-Friable	Friable	Non-Friable	No ACBM
01	Main Building	10316	1/5/93						X

L4 Inspector: Ted Hall (Name) Alabama Certification Number: 1N0788H9506

Ted Hall (Signature) Date: 1/6/93 Agency: Dothan City Schools

L5 AL-AHERA Form 3 (May, 88) -Photocopy As Needed- Page __ __ of ____

Transportation Complex
400 Third Ave.



LEA: Dothan City Schools (130)

School: Transportation (189)

Building: Portable ES (024)

This building has been moved onto this campus. 8/97

(✓) It does not contain any ACBM (asbestos).

( ) It contains ACBM (asbestos). Procedures to be implemented are attached.

Ted Hall

Inspector/Management Planner

WIREGRASS ENVIRONMENTAL

Mold Free Solutions

Environmental Strategic Plan

Capital Improvement 2019

Transportation Center

INSPECTOR ACCREDIDATION CERTIFICATE

THE UNIVERSITY OF ALABAMA®

UA SafeState

has examined the documentation of asbestos training and qualifications of the person named below and confers this

Certificate of Accreditation

For the Asbestos Contractor Discipline

INSPECTOR

Alexander J Cordan

Alabama Accreditation Number
AIN0518678077

Certificate Expiration Date
May 3, 2019

This certificate has been issued pursuant to the authority granted to The University of Alabama SafeState Program by the Alabama Asbestos Contractor Accreditation Act, Alabama Act No. 89-517, May, 1989 and Alabama Act No. 97-626, May, 1997.

Executive Director

Associate Director for Environmental Programs

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

STANDARD OPERATING PROCEDURES FOR ASBESTOS CONTAINING MATERIALS & ASSUMED ASBESTOS CONTAINING MATERIALS

DOTHAN CITY SCHOOLS
PROJECT NO.: 19-230918.02-5

Presented By:

WIREGRASS ENVIRONMENTAL
812 UNIVERSITY AVENUE
TROY, AL 36081

APRIL 11, 2019

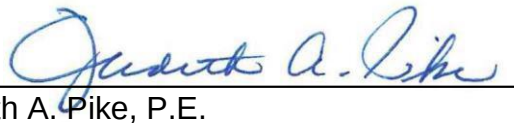
PREPARED BY:

HIGHLAND TECHNICAL SERVICES, INC.
528 MINERAL TRACE
BIRMINGHAM, ALABAMA 35244
PHONE: (205) 985-4874 FAX: (205) 987-6080

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

CERTIFICATION

These standard operating procedures has been prepared by a registered and certified Alabama Asbestos-Related and Lead-Based Paint Activity discipline Project Designer. These SOPs are intended for use as a part of the project specifications prepared for the City of Dothan schools in Dothan, Alabama. This plan is limited to asbestos and lead based paint and does not include mold or other environmental contaminants.



Judith A. Pike, P.E.
AL Asbestos Project Designer No. APD0113288237 AL Lead-Based Paint Designer No. LPD1218288237

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

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PART 1 – GENERAL

APPLICABLE PUBLICATIONS:

The publications listed below form a part of this specification to the extent referenced.

General Publications:

U.S. Environmental Protection Agency. "*Measuring Airborne Asbestos Following an Abatement Action*" USEPA 600/4-85-049 "Silver Book"

U.S. Environmental Protection Agency. "*Asbestos in Buildings: Simplified Sampling Scheme for Surfacing Materials*." USEPA 560/5-85-030

U.S. Environmental Protection Agency. "*Guidance for Controlling Asbestos Containing Materials in Buildings*." USEPA 560/5-85-024 "*Purple Book*"

U.S. Environmental Protection Agency. "*Abatement of Asbestos Containing Pipe Insulation.*" USEPA Technical Bulletin No. 1986-2

U.S. Environmental Protection Agency. "*A Guide to Respiratory Protection for the Asbestos Abatement Industry*." USEPA 560/OPTS-86-001

Federal Standard:

Fed. Std. 595 Colors & Notice 4

Code of Federal Regulations (CFR) Publications:

29 CFR 1910.1001	Asbestos - General Industry
29 CFR 1926.62	Lead Exposure in Construction, Interim Rule
29 CFR 1926.1101	Asbestos – Construction Industry
29 CFR 1910.134	Respiratory Protection
29 CFR 1910.145	Specifications for Accident Prevention Signs and Tags
29 CFR 1926.50	Medical Services and First Aid
29 CFR 1926.59	Hazard Communication
29 CFR 1926.100	Head Protection
29 CFR 1926.101	Eye and Face Protection
29 CFR 1926.150	Fire Protection
29 CFR 1926.515	Fire Prevention Plan
29 CFR 1926.301	Hand Tools
29 CFR 1926.30	Power Operated Hand Tools
29 CFR 1926.404	Electrical Wiring Design and Protection
29 CFR 1926.405	Temporary Electrical Wiring
29 CFR 1926.450	Ladders
29 CFR 1926.451	Scaffolding

812 University Avenue, Troy, Alabama 36081
www.wiregrassenvironmental.com wiregrassenvironmental@gmail.com 334-372-0147

29 CFR 1926.1200	Hazard Communications
29 CFR 1910.147	Control of Hazardous Energy (Lockout- Tagout)
29 CFR 1910.146	Confined Space Entry
29 CFR 1910.1030	Bloodborne Pathogens
29 CFR 1910.141	Sanitation For Construction
40 CFR 61,	General Provisions, Subpart A
40 CFR 61,	National Emission Standard for Asbestos,

Subpart B 40 CFR PART 763 Asbestos Containing Materials in Schools

American National Standard Institute (ANSI) Publications:
Z9.2-79 Fundamentals Governing The Design and Operation of Local Exhaust System
Z88.2-80 Practices for Respiratory Protection

State of Alabama Act No. 97-553, The Lead Reduction Act of 1997
Alabama Department of Public Health Chapter 420-3-27 Lead Hazard Reduction Contractor Certification
ADEM Admin Code R 335-13-9 Solid Waste ADEM Division 14 Hazardous Waste Program

All state, county and city codes and ordinances as applicable. Make available for review at the site one copy of EPA, OSHA, state, county and city regulations.

812 University Avenue, Troy, Alabama 36081
www.wiregrassenvironmental.com wiregrassenvironmental@gmail.com 334-372-0147

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

1.0. PROJECT INFORMATION

The buildings identified in the scope of work have been determined to have asbestos containing materials (ACMs) or have assumed ACMs. Based on the construction dates, it should be assumed that paint films both within and without the buildings be considered as lead containing. It also should be assumed that additional regulated materials are present such as mercury and PCBs. Light fixtures, fluorescent bulbs, LED bulbs, ballasts, thermostats and any additional items that may be regulated under the Resource Conservation and Recovery Act (RCRA) shall be separated from other waste streams and disposed in accordance with State & Federal.

Contractors will be responsible for the removal of any school equipment or other property that remains in the designated work areas. All items shall be cleaned at a minimum with a HEPA vacuum and stored in a contractor supplied locked storage container that is weathertight.

2.0. ASBESTOS PROJECT NOTIFICATION

The Alabama Department of Environmental Management (ADEM) requires notification using ADEM Form 496 at least ten (10) weekdays not including holidays prior to disturbing any regulated asbestos containing material (RACM). Forms shall be submitted to the following:

Mr. Don Barron ADEM- Air Division
P.O. Box 301463 Montgomery, AL 36130-1463
Email: asbestosmail@adem.state.al.us

3.0. SUBMITTALS

The following items shall be submitted to and approved by the Project Professional prior to commencing work involving asbestos materials.

3.1 Asbestos/LBP Plan:

Submit a detailed plan of the work procedures to be used in the removal and demolition of materials containing asbestos and/or lead based paint. Such plan shall include location of asbestos control areas, layout of any change rooms, interface of trades involved in the sequencing of asbestos work, disposal plan, type of wetting agent to be used, air monitoring, and a detailed description of the methods to be employed in order to control contamination to surrounding areas, and exposure to airborne asbestos fibers. This plan must be submitted and approved prior to the start of any asbestos/LBP work.

3.2 Air Monitor:

Submit the name, address, and telephone number of the Air Monitor selected for performing required air sampling for this project which includes: background, inside work area, outside work area, and personnel monitoring. The Air Monitor shall produce reports of air sampling that include concentrations of asbestos fibers from each sample as well as the collection and analytical methods utilized. The Air Monitor analyzing samples shall provide written proof that they have been evaluated and judged proficient by successful participation in an accredited Proficiency Analytical Testing (PAT) Program.

3.3 Notification:

Notify the ADEM a minimum of ten (10) working days prior to the start of asbestos work. Notify the local fire and police departments a minimum of five (5) days prior to removing any asbestos containing material from buildings.

3.4 Landfill:

Submit written evidence that the landfill for disposal is approved for asbestos disposal by the ADEM prior to beginning removal.

3.5 Local Exhaust System (Where Applicable):

The local exhaust system, which maintains negative pressure, for the Work Area shall be

operated continuously 24 hours a day until removal and final cleaning is complete. The work area containment shall have a measurable pressure differential of at least 0.02 inches of water. At least eight (8) air changes per hour must be supplied by the local exhaust ventilation system. The local exhaust ventilation system must be equipped with HEPA filtration.

The number and type of LEV equipment to be utilized, CFM ratings, and placement location should be included in the Asbestos Plan submittal.

The Project Professional, may require pressure differential recordings for each work day. If required, the Asbestos/LBP Contractor (ALC) shall provide pressure differential monitoring equipment.

Pressure differential monitoring, when required, shall be reviewed by the Air Monitor each work day. The Air Monitor shall notify the ALC and the Project Professional immediately of any pressure increase above the minimal requirements, which could cause exposure of adjacent unsealed areas to asbestos fiber concentrations.

3.6 Daily Log:

Within ten (10) days of completion of all abatement activities, submit copies of daily work area logs showing the following at a minimum: ALC name, Supervisor name, Air Monitor name, Date, entry time and exit time for each person who enters the work area. Should multiple work areas be utilized simultaneously, the ALC shall provide a daily log for each work area.

3.7 Landfill Receipts:

Within ten (10) days of completion of all abatement activities, submit receipts from landfill operator which acknowledge the Contractor's delivery(s) of waste material. Receipts shall include date, quantity of material delivered, structure identifications, and signature of authorized representative of landfill.

3.8 Respirator Program:

The ALC shall provide a copy of their written respiratory protection program. This program shall be compliant with standards and regulations set forth 29 CFR 1910.134.

3.9 Certificate of Visual Inspection:

This Certification is to be completed by the ALC and certified by the Air Monitor. Submit completed certificate with application of final payment. Final payment will not be made until this certificate is executed.

3.10 Insurance:

The ALC shall provide written Certification from the insurance company acknowledging and agreeing that the coverage under that policy shall specifically include all operations of asbestos abatement required in the performance of the work, and be True Occurrence Insurance. The limits of insurance shall be in the amounts required by State Statues and by the General Conditions of this specification. The Owner, Architect and Asbestos Abatement Consultant (Project Professional) are to be shown as certificate holders and are to be named as additional insured for coverage under this policy.

3.11 State Licenses/Certificates:

Submit current copies of State of Alabama Asbestos Certificates for the following:

- Contractor (including any subcontractors performing asbestos work)
- Supervisor (all utilized during the project)
- Air Monitor- NIOSH 582 or equivalent training (all utilized during the project)
- Workers (all utilized during the project)

PART 2 – EXECUTION

4.0. GENERAL

4.1 Title to Materials:

All materials resulting from demolition work, except as specified otherwise, shall become the property of the ALC and shall be disposed of as specified here in.

4.2 Protection of Existing Work to Remain:

Perform demolition work without damage to underlying substrates or equipment or contamination of adjacent areas. Should substrates, equipment, or adjacent areas become damaged or contaminated, the ALC shall restore the substrate, equipment, or adjacent area to its pre-damaged or pre-contaminated condition.

4.3 Medical Requirements:

The ALC shall comply with the medical examination requirements and medical record retention requirements set forth in 29 CFR 1926.1101 and 29 CFR 1926.134.

4.4 Training:

Prior to assignment to asbestos and/or lead based paint work, instruct each employee with regard to the hazards of asbestos, safety and health precautions, and the use and requirements for protective clothing and equipment including respirators. Fully cover engineering and go over hazard control techniques and procedures.

4.5 Permits and Notifications:

Secure necessary permits in conjunction with asbestos removal, hauling, and disposal and provide timely notification of such actions as may be required by federal, state, regional, and local authorities regarding handling, storing, transporting, and disposing of asbestos waste materials. Comply with the applicable requirements of the current issue of

29 CFR 1910.1001, 29 CFR 1926.1101 and 40 CFR 61, Subparts A and B. Submit matters of interpretation of standards to the appropriate administrative agency for resolution before starting the work. Where the requirements of this specification and referenced documents vary, the most stringent requirement shall apply.

5.0. EQUIPMENT

5.1. General Personal Protective Equipment:

During all preparation work, all removal work, and final cleaning work, the ALC shall require that all persons who enter the work area wear at a minimum: a half mask respirator equipped with P100 cartridges, gloves, safety glasses, and disposable protective clothing equipped with head and foot coverings. Additional PPE may be necessary based on project conditions.

If the ALC feels these PPE requirements are not necessary, the ALC shall submit negative exposure assessments documenting asbestos air concentrations for like work to the Project Professional for consideration.

5.2. Respirators:

The ALC shall select and provide respirators from those rated by the National Institute for Occupational Safety and Health (NIOSH) and fulfill the requirements of OSHA 1910.134. Respirator selection and use for this project must be in accordance with the Contractor's Respiratory Protection Plan and the level of respiratory protection provide must be based upon project specific conditions.

5.3. Special Clothing:

Provide personnel exposed to airborne concentrations of asbestos fibers with fire retardant disposable protective whole-body clothing, head coverings, gloves, and foot coverings. Provide disposable plastic or rubber gloves to protect hands. Cloth gloves may be worn inside the plastic or rubber gloves for comfort, but shall not be used alone. Make sleeves secure at the wrists and make foot coverings secure at the ankles by the use of tape.

5.4. Change Rooms (where necessary):

Provide a temporary unit with separate decontamination locker room and a clean locker room for personnel required to wear whole body protective clothing. Provide two separate lockers for each asbestos worker, one in each locker room. Keep street clothing and street shoes in the clean locker. Vacuum and remove asbestos contaminated disposal suit with a HEPA vacuum, protective clothing while still wearing respirators at the boundary of the asbestos work area and seal in

impermeable bags or containers for disposal. Do not remove disposable protective clothing in the decontamination locker room. Remove cloth work clothing in the decontamination room. Tag and bag cloth work clothes for laundering and keep work shoes in the decontamination locker. Do not wear work clothing between home and work. Locate showers between the decontamination locker room and the clean locker room and require that all employees shower before changing into street clothes. Clean asbestos contaminated work clothing in accordance with 29 CFR 1926.1101. Change rooms shall be physically attached to the asbestos control area.

5.5. Caution Signs and Labels:

Provide caution signs at all approaches to asbestos/lead control areas containing concentrations of airborne asbestos fibers and/or lead. Bilingual signs shall be utilized when workers or others in the vicinity of the work area have a primary language other than English. Locate signs at such a distance that personnel may read the sign and take the necessary protective steps required before entering the area.

Provide labels and affix to all asbestos materials, scrap, waste, debris, and other products contaminated with asbestos. Provide labels and affix to all lead materials, scrap, waste, debris, and other products contaminated with lead paint.

5.6. Caution Sign:

Vertical format conforming to 29 CFR 1926.1101 (K) (6) (ii), minimum 20 by 14 inches

displaying the following legend in the lower panel: The signs shall bear the following information:

DANGER ASBESTOS

MAY CAUSE CANCER CAUSES DAMAGE TO LUNGS
WEAR RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING IN THIS AREA
AUTHORIZED PERSONNEL ONLY

WARNING
LEAD WORK AREA
POISON
NO SMOKING OR EATING

6.0. SAMPLING

6.1. Monitoring During AsbestosWork:

The Air Monitor shall provide area air monitoring daily throughout the removal and cleaning process to document fiber concentrations from inside the work areas and outside the work areas. The Air Monitor shall also conduct personnel air monitoring for ALC workers performing removal and cleaning work within the work areas.

The Air Monitor shall collect and analyze air samples daily. The sample numbers required will depend on the sequence of work but in general shall include a minimum two (2) inside work area samples, two (2) samples outside the building, and two (2) samples outside each barrier separating work areas from other building spaces.

Where negative air enclosures and decontamination units are required by project conditions, air samples shall be collected at negative air discharges, and the clean room of the decon unit.

Air samples shall be collected continuously during occupied work shifts. All sample analysis reports shall be reported within twenty-four (24) hours to the ALC and to the Project Professional.

If monitoring outside the asbestos control area shows airborne concentrations have reached 0.01 fibers/cc, stop all work, correct the conditions causing the increase and notify the Project Professional immediately.

The Air Monitor shall provide an Air Monitoring Report at the conclusion of the project. The report shall include a typed sheet for each sample including the sample location, the sample number, the sampling date, the pump number, the sampling duration, the sample flow rate in liters per minute, the total volume in liters, the total fibers counted total fields counted, the total fibers counted in the field blank, the total fields counted in the field blank, the filter area in millimeters squared, the Graticule field area, the fiber concentration standard in fibers/cc, the fibers/cc, the limit of quantification, the 95% upper confidence limit, and the name of the person performing the Phase Contrast Microscopy.

6.2. Clearance Monitoring After Final Clean-Up:

Asbestos

The Air Monitor shall provide clearance air monitoring for each work area after the final clean up and visual inspection is completed. Each work area must pass the final visual inspection before clearance air samples can be collected. None of the samples collected from within the work area may equal or exceed 0.01 fibers/cc, in order for the work area to meet clearance criteria.

The fiber counts from all clearance samples from a work area shall be less than 0.01 fibers/cc in order to meet clearance criteria. Should any of the final samples indicate a higher value, the Contractor shall take appropriate action to reclean the area and shall be responsible for additional compensation for air monitoring from that point forward.

All clearance sampling should be done "*aggressively*" as described in Section M.1.5 of the EPA Purple Book. The ALC shall furnish required fans and leaf- blower for "*aggressive*" sampling.

Lead (Child occupied buildings only)

Lead Abatement Clearance criteria shall be as follows:

Surface	Leaded Dust Loading (µg/ft^2) Wipe Only
Floors	40
Interior Window Sills (Stools)	250
Window Troughs	800
Exterior	400

All costs associated with clearances including re-tests shall be borne by the contractor. Should laboratory results indicate that the wipe test clearance level is exceeded, re-clean the affected area, at no additional cost to Owner, utilizing the methods specified above.

Wipe samples will be collected from location selected by an Alabama licensed Inspector/Risk Assessor.

7.0. DISPOSAL

Collect asbestos waste, scrap, debris, bags, containers, equipment, and lead/asbestos contaminated clothing which may produce airborne concentrations of asbestos fibers or lead and place in sealed impermeable bags. All materials shall be doubled bagged. Affix a caution label and a generator identification label to each bag in accordance with 1990 NESHAPS requirements. All asbestos waste will, after decontamination of container, be transferred from containment area to truck at hours approved by the Project Professional. As a minimum, the employees making this transfer will wear a half mask respirator equipped with HEPA filters, and disposable coveralls of a different color than those worn in the containment area. Dispose of waste asbestos material (by burial under at least 6 inches of daily compacted cover of non-asbestos materials and by final cover of at least two feet (2 FT) of compacted earth) at a landfill permitted to receive asbestos. Procedure for hauling and disposal shall comply with 40 CFR 61 (Subpart B) state, regional, and local standards. Sealed plastic bags may be dumped from drums into the burial site unless the bags have been broken or damaged. Damaged bags shall remain in the drum and the entire contaminated drum shall be buried. Uncontaminated drums may be recycled. Workers unloading the sealed drums shall wear appropriate respirators and personal protective equipment when handling asbestos materials at the disposal site. A manifest of each trip to the landfill must be obtained and a copy furnished to the Project Professional. This manifest should show the number

of barrels or bags received, and state that they were disposed of properly.

8.0. STANDARD OPERATING PROCEDURES

Standard Operation Procedures (SOPs) have been developed for most instances of handling ACMs or assumed ACMs following this section. In the event that additional ACMs or suspects ACMs are discovered the ALC shall contact the Project Professional prior to disturbing any additional areas so that a determination can be made of the material and its regulatory status.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

9.0. Anchoring Protocol

Summary

This Standard Operating Procedure covers work, which is required to remove asbestos- containing floor tile and/or mastic.

Examples

1. Removal of several floor tiles that are loose or can be removed by hand methods with minimal or no breakage, and tile and/or mastic does not become friable.

2. Remove a small area of well-adhered tile and/or mastic that is not likely to become friable.

3. Remove several floor tiles and mastic to drill hole(s) in sub floor to attach object to floor or install a pipe or conduit. (Anchoring Protocol)

4. Remove broken tiles after removal of a wall (framed, block, brick, masonry or CMU) with minimal or no breakage, and tile and/or mastic does not become friable.

Related Work Practices

1. Transporting, Storing, and Disposing

2. Area Air Monitoring

3. Personal Air Monitoring

Worker Recommendations

One worker is required but more may be needed to increase the safety and efficiency considerations. An air-monitor with NIOSH 582 is required. This person cannot be a worker.

Notes

Air monitoring is required unless a Negative Exposure Assessment (NEA) has previously been made by the ALC. If material breaks/crumbles up into small pieces, air monitoring will be performed regardless.

Warning: Do not sand resilient flooring.

WIREGRASS ENVIRONMENTAL
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Work Practices

1. Secure the work area, limiting entry to certified personnel only. Verify that a negative exposure assessment (NEA) has been established.

1. If an NEA cannot be verified, stop work and call air monitor to perform air monitoring.

2. Use the following procedure to remove resilient tile floor covering: Floor tiles must be wetted with amended water (misted with a garden sprayer) before actual removal begins unless heat will be used to remove tiles.

3. Start removal by carefully wedging a wall scraper in the seam of two adjoining tiles and gradually forcing the edge of one of the tiles up and away from the floor. Continue to force the balance of the tile up by working the scraper beneath the tile. Exert both a forward pressure and a twisting action on the blade to promote release of the tile from the adhesive and the floor.

5 When the tile is removed, place it in a disposal bag without breaking it into smaller pieces.

6 If it is necessary to remove more tiles to accomplish the work, after the first tile is removed and accessibility to other tiles is improved, force the scraper under the exposed edge of another tile. Continue to exert a prying/twisting force to the scraper as it is moved under the tile until the tile releases from the floor. Again, dispose of the tile by placing in a waste bag or waste container without additional breaking. Continue in this manner until enough tiles are removed to accomplish the work.

7. Force the scraper through tightly-adhered areas by striking the scraper handle with a hammer using blows of moderate force while maintaining the scraper at a 25 to 30 degree angle to the floor. The resilient floor covering manufacturers' work practices recommend the use of safety goggles during this work.

8. Place loosened adhesive residues into a waste bag or waste container.

9. Wipe remainder of residue with absorbent towels and dispose of in appropriate container**.**

10. Continue the above steps until what remains of the residual asphaltic mastic is gone.

11. Within the work area, seal the disposal bag when the work is complete.

WIREGRASS ENVIRONMENTAL
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Remove or Replace a Component/Object Attached to Surfacing Material

SUMMARY

This Standard Operating Procedure covers work required to perform removal of objects that are attached to surfacing material such as spray on fireproofing on structures or acoustical ceilings.

Examples

The following are examples of work that is performed using this procedure. If job conditions vary from the examples or if more than three square feet of material has to be removed stop work and notify the Environmental Compliance Branch.

1. Remove exit light or ceiling mounted fixtures that are attached to asbestos-containing material (ACM) acoustical ceiling.

2. Remove fire**/**security detectors attached to acoustical ceiling.

3. Remove pipe hanger embedded in fireproofing**.**

4. Installing additional components.

Related Work Practices

1. Transportation, Storage, and Manifesting.
2. Area Air Monitoring
3. Personal Air Monitoring

WIREGRASS ENVIRONMENTAL
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Major Fiber Release Episode

Summary

This standard operating procedure covers work, which is required in the event of the falling or dislodging of friable asbestos-containing material (ACM) that is more than 3 ft^2 or linear feet.

Examples

The following are examples of work that is performed using this procedure. If job conditions vary from the examples stop work and notify the Environmental Professional.

1. Clean up of more than 3 ft^2 of delaminating friable surfacing material.
2. Clean up of more than 3 linear feet of friable Thermal System Insulation or ACM mudded fittings on pipes.
3. Clean up of more than 3 ft^2 of damaged friable ACM ceiling tile.

Related Work Practices

1. Transporting, Storing, and Manifesting
2. Personal Air Monitoring
3. Area Air Monitoring

Worker Recommendations

One worker is required but more may be needed to increase the safety and efficiency considerations. An air monitor with NIOSH 58 is required. This person cannot be utilized as a worker.

Notes

Air monitoring is required unless a Negative Exposure Assessment (NEA) has previously been made by the ALC. Major fiber release episodes are required to be designed by a project designer.

WIREGRASS ENVIRONMENTAL
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Work Practice

1. Isolate the area and post signs to prevent entry of persons other than those necessary to perform the response action.

2. Thoroughly saturate the debris using wet methods.

3. Place the asbestos debris in a sealed leak tight container.

4 HEPA vacuum or wet clean the floor and all horizontal surfaces.

5. Repair the area with non- asbestos materials or encapsulate.

6. Remove suit. Wet and wipe hands, face, and respirator.

7. Double bag all asbestos waste.

8. Place asbestos waste in designated asbestos waste containers.

9. Fill out waste manifest.

WIREGRASS ENVIRONMENTAL
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Install Wiring in a Plenum Space Where Exposed Surfacing is Present

Summary

This standard operating procedure covers work required to perform installation of various wiring and conduit in the ceiling plenum which contains asbestos-containing material (ACM) spray on surfacing/fireproofing.

Examples

The following are examples of work that can be performed using this procedure when there is a small amount of dust or debris from the ACM surfacing treatment or other ACM on top of the ceiling tiles or if the ACM surfacing is close enough to the work that it could be disturbed.

1. Installing electrical wiring and conduits that will lie on top of the ceiling.

2. Installing new plenum rated computer or telephone cables.

Related Work Practices

1. Transportation, Storage, and Manifesting.

2. Area Air Monitoring

3. Personal Air Monitoring

Worker Recommendations

Two or more workers may facilitate pulling wires between two locations. A third person eases installation by being outside containment feeding and marking/numbering wire spools. An air monitor with NIOSH 582 is required. The air monitoring person cannot be utilized as a worker.

Notes

Air monitoring is required for this procedure. If a Negative Exposure Assessment (NEA) has been established by the ALC for this work procedure, the NEA may be used instead of the air monitoring.

WIREGRASS ENVIRONMENTAL
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Work Practices

1. Isolate the work area limiting entry to authorized personnel only.
2. Post warning signs.
3. Erect a containment area if there is a potential for a spill of friable fireproofing spray on. If tile is presumed or known to be clean above a secondary containment barrier can be used.
4. Use the HEPA vacuum and/or negative pressure system for local exhaust system.
5. Put on a suit and respirator before lifting a ceiling tile.
6. HEPA vacuum ceiling grid and the top of the tile all visible debris.
7. Wet wipe any wire system components that come in contact with ACM. Place wet wipes and any debris into disposal bags.
8. After task has been performed wet wipe and HEPA vacuum the inside of the containment if used. Place cleaning materials in a disposal bag. HEPA vacuum suit. Remove the suit and place in a. disposal bag.
9. Wet wipe hands and face. Then remove respirator.
10. Double bag and return asbestos waste materials to the designated asbestos waste container
11. Complete waste manifest forms.

WIREGRASS ENVIRONMENTAL
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Glove Bag Asbestos Containing Insulation or Mudded Pipe Fittings on Exposed Pipe for Maintenance Work

Summary

This standard operating procedure covers work, which is required for removing a small amount(≤3 ft^2 or 3 linear feet) of asbestos-containing insulation on an exposed pipe or asbestos- containing material (ACM) pipe fittings by glove bag methods.

Examples

The following example relies on careful glove bag installation and a combination of handling, wetting, and use of the HEPA vacuum.

Remove a pipe fitting in a mechanical room.

Related Work Practices

1. Transportation of Asbestos Materials
2. Storage and Disposal of Asbestos Materials
3. Personal Air Monitoring

Worker Recommendation

Two workers wearing personal protective equipment are required. An air-monito with NIOSH 582 is required. The air monitoring person cannot be a worker.

Notes

Air monitoring is required for this procedure. If a Negative Exposure Assessment (NEA) has been established by the ALC for this work procedure, the NEA may be used instead of the air monitoring.

Work Practice

1. Isolate the work area limiting entry to authorized personnel only.

2. Post warning signs.

3. Place necessary tools into the glove bag.

4. Glove bags should be 6mil. polyurethane and taped or otherwise sealed around material to be removed. The bottom of the glove bag must be reinforced with duct tape. Glove bags shall be smoke tested for leaks. Glove bags may be used only once and may not be moved.

5. Attach HEPA vacuum and spray nozzle to bag.

6. Adequately wet insulation to be removed.

7. If present, cut the bands holding insulation in place.

8. Slice lagging with a razor knife at joints between sections of insulation and lengthwise at joints between clamshell halves.

9. Open insulation clamshell and place intact into an asbestos disposal bag. Do not drop.

10. Scrub pipe and fitting with plastic brushes and Scotchbrite pad. Wet wipe surfaces to remove any ACM residue.

11. Encapsulate exposed edges of pipe insulation.

12. Use HEPA vacuum to evacuate the bag then seal the holes with duct tape where the vac and spray nozzle were.

13. Double bag all asbestos waste materials and place in the designated asbestos waste container.

14. Fill out waste manifest forms.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Remove Asbestos Floor Tile

Summary

This Standard Operating Procedure covers work, which is required to remove asbestos- containing floor tile and/or mastic.

Examples

1. Removal of several floor tiles that are loose or can be removed by hand methods with minimal or no breakage, and tile and/or mastic does not become friable.

2. Remove a small area of well-adhered tile and/or mastic that is not likely to become friable.

3. Remove several floor tiles and mastic to drill hole(s) in sub floor to attach object to floor or install a pipe or conduit.

Related Work Practices

1. Transporting, Storing, and Disposing

2. Area Air Monitoring

3. Personal Air Monitoring

Worker Recommendations

One worker is required but more may be needed to increase the safety and efficiency considerations. An air-monitor with NIOSH 582 is required. This person cannot be a worker.

Notes

Air monitoring is required unless a Negative Exposure Assessment (NEA) has previously been made by by the ALC. If material breaks/crumbles up into small pieces, air monitoring will be performed regardless.

Warning: Do not sand resilient flooring.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Work Practices

1. Secure the work area, limiting entry to certified personnel only. Verify that a negative exposure assessment (NEA) has been established.

2. If an NEA cannot be verified, stop work and call air monitor to perform air monitoring.

3. Use the following procedure to remove resilient tile floor covering: Floor tiles must be wetted with amended water (misted with a garden sprayer) before actual removal begins unless heat will be used to remove tiles.

4. Start removal by carefully wedging a wall scraper in the seam of two adjoining tiles and gradually forcing the edge of one of the tiles up and away from the floor. Continue to force the balance of the tile up by working the scraper beneath the tile. Exert both a forward pressure and a twisting action on the blade to promote release of the tile from the adhesive and the floor.

5. When the tile is removed, place it in a disposal bag without breaking it into smaller pieces.

6. If it is necessary to remove more tiles to accomplish the work, after the first tile is removed and accessibility to other tiles is improved, force the scraper under the exposed edge of another tile. Continue to exert a prying/twisting force to the scraper as it is moved under the tile until the tile releases from the floor. Again, dispose of the tile by placing in a waste bag or waste container without additional breaking. Continue in this manner until enough tiles are removed to accomplish the work.

7. Force the scraper through tightly-adhered areas by striking the scraper handle with a hammer using blows of moderate force while maintaining the scraper at a 25 to 30 degree angle to the floor. The resilient floor covering manufacturers' work practices recommend the use of safety goggles during this work.

8. Place loosened adhesive residues into a waste bag or waste container.

9. Wipe remainder of residue with absorbent towels and dispose of in appropriate container**.**

10. Continue the above steps until what remains of the residual asphaltic mastic is gone.

11. Within the work area, seal the disposal bag when the work is complete.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Remove a Non - Damaged Fire Door and/or Door Hardware

SUMMARY

This work practice covers the procedure for removal of asbestos-containing fire door or door hardware in an asbestos containing fire door. This procedure does not cover cutting or drilling into asbestos containing fire doors.

Examples

The following are examples of work that can be performed using this procedure.
If job conditions vary from the examples stop work and notify the Environmental Professional

1. Remove an asbestos-containing fire door that is in good condition for replacement.
2. Replace a lockset or closer on asbestos-containing fire door in good condition.

Related Work Practices

1. Transportation, Storage, and Manifesting.

Worker Recommendation

Two workers are required for this procedure to facilitate handling of heavy doors during removal and disposal preparation.

Notes

Not applicable

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Work Practice

1. Secure the work area limiting entry to certified personal only and materials needed in work area.

2. Tape damaged areas with duct tape to prevent a fiber release.

3. Place tools, equipment, and materials needed in work area.

4. If door is equipped with a closer, detach closer arm from doorframe. Remove screws attaching closer to door. HEPA vacuum or wet clean screws, closer, and area where closer was attached to door. Thoroughly clean closer and parts if they will be re-used. If closer will not be re-used, dispose of it as asbestos-containing materials (ACM) waste.

5. HEPA or wet wipe vacuum lockset if it will be re-used or disposed of as ACM waste.

6. Lay two layers of 6 mil. polyethylene sheet plastic on floor for wrapping door.

7. Remove hinge pins or screws attaching hinges to doorframe. Lay door on the sheet plastic.

8. If hinges are to be re-used, remove from door following procedures used for closer. If hinges are to be disposed of, leave hinges attached to door.

9. Wrap door with the sheet plastic and seal using duct tape.

   Note: Wrapped door must have warning label, DOT hazard class, identification number, packing class, and generator label on it.

10. Place door in designated asbestos waste container.

Complete the waste manifest forms.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Minor Fiber Release

Summary

This standard operating procedure covers work which is required to perform actions in the event of falling or dislodging of 3 ft^2 or linear feet or less of friable asbestos-containing material (ACM).

Examples

The following are examples of work that is performed using this procedure. If the amount of friable ACM exceeds 3 ft^2 or linear feet notify Environmental Professional and different actions will be taken as it becomes a Major fiber release.

1. Action of small amount ≤3 ft^2 of Surfacing material (acoustical ceiling) delaminating from substrate.

2. Action of small amount ≤3 ft^2 of damaged Thermal System Insulation or ACM mudded fittings on pipes.

3. Action of damaged ACM ceiling tile that is <3 ft^2.

Related Work Practices

1. Any action involving a possible fiber release from performing a project that consist of ≤3 ^{ft2t} of falling or dislodged friable ACM.

Notes

Perform air monitoring. A Negative Exposure Assessment may be used if previously established.

Work Practice

1. Perform air monitoring (area and personal).

2. Thoroughly saturate the debris using wet methods.

3. Place the asbestos debris in a sealed, leak-tight container.

4. HEPA vacuum or wet clean the floor and all horizontal surfaces

5. Repair the area with non-asbestos materials or encapsulate.

6. Remove the disposal bag and place the bag into the transportation vehicle. The waste must be handled to prevent breakage, rupture, or leakage during loading. If the disposal bag breaks, ruptures, or leaks during handling:

7.

A. Stop immediately and isolate the area if necessary. Follow the appropriate fiber release episode response (either minor or major).
B. Repair/Replace the disposal bag.
C. Thoroughly clean the area.

8. Place the disposal bag(s) in the designated the asbestos waste storage container. Disposal bag(s) should be placed in the asbestos waste storage container no later than the end of the next work shift.

9. The manifest and recordkeeping must be completed immediately following the completion of the project/task.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Cutting or Drilling Asbestos-Containing Drywall, Plaster, or Drywall Compound

SUMMARY

This work practice covers the procedures for cutting or drilling asbestos-containing drywall, plaster, or drywall compound.

Examples

The following are examples of work that can be performed using this procedure. If job conditions vary from the examples stop work and notify the Environmental Professional.

1. Cut a hole into drywall, plaster, drywall compound where there is less than three ft^2 of material.

2. Drill a hole to attach an object in drywall, plaster, or drywall compound.

3. Drill a hole in asbestos-containing joint compound where the drywall is non-asbestos.

Related Work Practices

1. Transportation, Storage, and Manifesting.
2. Area Air Monitoring
3. Personal Air Monitoring

Worker Recommendation

Two workers are required for this procedure. A certified air-monitor NIOSH 582 is required. The air monitoring person cannot be a worker.

Notes

Air monitoring is required for this procedure. If a Negative Exposure Assessment (NEA) has been established by the ALC for this work procedure, the NEA may be used instead of air monitoring.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Removal of a Non-Asbestos Ceiling Tile When Friable Material is Located Above (Asbestos Material *Will Not !* Be Disturbed)

SUMMARY

This Standard Operating Procedure covers work required for removing a non-asbestos ceiling tile in a lay-in ceiling system, such as a suspended ceiling when there is friable asbestos-containing material located above the ceiling tile. This work practice assumes that asbestos-containing material above the ceiling tile will not be disturbed.

Examples

The following are examples of work that can be performed using this procedure. If job conditions vary from the examples, stop work and notify the Environmental Professional.

1. Performing work above the non-asbestos ceiling tile that will not disturb asbestos material above.

2. Replace a damaged, broken, or soiled non-asbestos ceiling tile without disturbing asbestos material.

Related Work Practices

1. Transportation, Storage, and Manifesting.

2. Area Air Monitoring

3. Personal Air Monitoring

Worker Recommendation

Two workers are required for this procedure. A certified air-monitor NIOSH 582 is required. The air monitoring person cannot be a worker.

Notes

Air monitoring is required for this procedure. If a Negative Exposure Assessment (NEA) has been established by ALC for this work procedure, it may be used instead of air monitoring.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Removal of a Non- Asbestos Ceiling Tile When Friable Asbestos Material is Located Above (Asbestos Material Will Be Disturbed)

SUMMARY

This Standard Operating Procedure covers work required for removing a non-asbestos ceiling tile in a lay-in ceiling system, such as a 2' x 4' or 2' x 2' suspended ceiling for O&M work when there is friable asbestos-containing material (ACM) located above the ceiling tile. This work practice assumes that asbestos-containing material (ACM) above the ceiling tile will be disturbed.

Examples

The following are examples of work that can be performed using this procedure. If job conditions vary from the example, stop work and notify the Environmental Professional.

1. Performing work above the non-asbestos ceiling tile that will disturb a small amount of asbestos material above.

Related Work Practices

1. Transportation, Storage, and Manifesting.
2. Area Air Monitoring
3. Personal Air Monitoring

Worker Recommendation

Two workers are required for this procedure. An air-monitor with NIOSH 582. The air monitoring person cannot be a worker.

Notes

Air monitoring is required for this procedure. If a Negative Exposure Assessment (NEA) has been established by the ALC for this work procedure, the NEA may be used instead of air monitoring.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Removal of Asbestos Ceiling Tile

SUMMARY

This work practice covers the procedure for removing an asbestos-containing ceiling panel in a lay-in ceiling system/suspended ceiling. The practices assume that surfacing asbestos-containing material (ACM) is not present above the ceiling.

Examples

The following are examples of work that can be performed using this procedure. If job conditions vary from the examples, stop work and notify the Project Professional.

1. Remove an asbestos-containing ceiling panel.

2. Remove a damaged, broken, or soiled asbestos-containing ceiling panel alone or in conjunction with work above ceiling.

Related Work Practices

1. Transportation, Storage, and Manifesting.

2. Area Air Monitoring

3. Personal Air Monitoring

Worker Recommendation

Two workers are required for this procedure. An air-monitor with NIOSH 582 training is required. The air monitoring person cannot be a worker.

Notes

Air monitoring is required for this procedure. If a Negative Exposure Assessment (NEA) has been established by the ALC for this work procedure, the NEA may be used instead of air monitoring.

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Work Practice

1. Post warning signs on all entries to the area.
2. Erect a mini enclosure. Care must be taken not to disturb the surrounding ceiling if it is asbestos containing.
3. Use the HEPA vacuum and/or negative pressure system for local exhaust system.
4. Place the amended water spray wand, tools and equipment in the enclosure.
5. Put on suit and respirator before entering the enclosure.
6. Adequately wet ceiling panel(s), remove and place in disposal bag..
7. HEPA vacuum and wet wipe any grid/suspension system components exposed where panel(s) were removed. Place wet wipes and any debris into disposal bags.
8. Install new non-ACM ceiling panel.
9. Wet wipe and HEPA vacuum the inside of the mini-enclosure. Place cleaning materials in a disposal bag.
10. HEPA vacuum suit. Remove the suit and place in a. disposal bag. Wet wipe hands, face, and respirator. Place towels in a disposal bag.
11. Exit the enclosure.
12. Double bag all waste materials.
13. Dismantle the mini enclosure and dispose in two layers of 6 mil.sheet polyurethane.
14. Place asbestos waste materials inn designated ACM waste storage area
15. Fill out the waste manifest. Return them to the Environmental Professional.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Remove Carpet Over ACM Floor Tile

Summary

This Standard Operating Procedure covers work, which is required for removing carpet that has been installed over asbestos-containing material (ACM) floor tile. Depending on how well the carpet was adhered when installed, if it was in a high traffic area, and the amount of moisture the area has received will determine how many tiles will delaminate from the floor substrate in the carpet removal.

Examples

The following are examples of work that can be performed using this procedure:

1. Remove carpet that is adhered to ACM floor tile for remodeling.

2. Remove carpet for floor tile abatement.

Related Work Practices

1. Transporting, Storing, and Disposing

2. Personal Air Monitoring

Worker Recommendation

Two workers are required. An air-monitor with NIOSH 582 air monitoring is required. The air monitoring person cannot be a worker.

Notes

Air Monitoring may be required for this procedure if material is rendered friable. If a Negative Exposure Assessment (NEA) has been established by the ALC for this work procedure, the NEA may be used instead of the air monitoring.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Personal Air Monitoring

SUMMARY

This standard operating procedure covers work, which is required to perform worker exposure air monitoring.

Examples

The following are examples of work that is performed using this procedure. If job conditions vary from the examples stop work and notify the Environmental Professional.

1. Controlled work areas where asbestos materials are present.

2. Controlled work areas where asbestos materials are suspected.

3. Any area where an employee wears a respirator because of a potential asbestos exposure.

Worker Recommendation

One worker is required for this procedure. The worker must be NIOSH 582 equivalent. The air monitoring person cannot be a worker.

Notes

If approved by the Environmental Professional, earlier air monitoring data (negative exposure assessment) can be used instead of personal monitoring. Pumps should be calibrated on site when possible. If a Negative Exposure Assessment (NEA) has been conducted by the ALC for this action, air monitoring is not required.

WIREGRASS ENVIRONMENTAL
Mold Free Solutions

Area Air Monitoring

SUMMARY

This standard operating procedure covers work which is required to perform area air monitoring to determine background fiber concentration in an area, monitor the air inside containment and measure the levels of fibers outside a containment area.

Examples

The following are examples of work that is performed using this procedure. If job conditions change from a small fiber release to a major fiber release stop work and notify the Environmental Professional.

1. Controlled work areas where asbestos materials are present.

2. Controlled work areas where asbestos materials are suspected.

3. Any area where an employee wears a respirator because of a potential asbestos exposure.

Worker Recommendation

One worker is required for this procedure. The worker must be NIOSH 582. The air monitoring person cannot be utilized as a worker.

Notes

NIOSH 7400 is the PCM method approved by the EPA accepted under AHERA regulations for the monitoring and determination of fibers in the air. It is not specific to asbestos fibers. It has been applied to asbestos because of the fibrous nature and the fact that occupational exposure is usually to one specific fiber. Therefore, specificity to a particular fiber is not important when sampling in a mixed environment such as a school building.

Work Practices

Using the Gilibrator other approved equipment, calibrate the area air monitoring **high volume** pump flow rate to between 0.5 and 16 liters/min. for PCM and 1.0 to 10.0 liters/min for TEM. The pump is calibrated depending on the length of time for the task monitored. During the calibration step, the pump must be calibrated using a representative cassette (manufacturer, pore size, medium type) and sampling line size that will be used during the area monitoring.

1. On the Air Monitoring Worksheet, write the pump number and pre-calibration volume in the appropriate columns.
2. Complete the upper section of the Air Monitoring Work Sheet.

3. Label the cassettes. See the Air Monitoring Work Sheet for examples. The cassette should have only the ID number on it. All other information is written on the work sheet.

Note: For PCM, a minimum of 2 field blanks or 10% (which ever is greater) is required. For TEM clearance, 2 field blanks and 1 lab blank are required. The field blank cassette caps must be removed during the sampling period. The field blank cassettes and caps must be stored in a clean area. Lab blank cassette caps are not removed.

The suggested loading for specific environments is: removal operations with visible dust-100 liters; removal operations with little dust-240 liters; office environments 400 to 2400 liters.
Remove the cassette caps and start the pump. Write the cassette start time on the Air Monitoring Work Sheet.

1. Attach the appropriate cassette to a tripod at the breathing zone height pointing down at a 45-degree angle at least one foot away from walls. Write on the Air Monitoring Work Sheet the location where the pump was placed, for **example**: In room 21, set the pump at 4’ from the West wall and 12' from the South wall 36" above finished floor (AFF).
2. At the conclusion of the sampling period for each cassette, remove the cassette from the pump, replace the cap, and write the stop time on the Air Monitoring Work Sheet.
3. At the conclusion of the project, post-calibrate the area air-monitoring pump. Write the post calibration in the appropriate column on the Air Monitoring Work Sheet. Replace the caps on the field blank cassettes.
4. Complete the Air Monitoring Worksheet.
5. Print the chain of custody report for the samples and complete report. Send the samples to an approved laboratory.

6. Report laboratory results to the Environmental Professional.

AHERA 3-YEAR REINSPECTION SURVEY

TRANSPORTATION CENTER (TC)

430 3RD AVENUE,
DOTHAN, ALABAMA 36301

ATLAS PROJECT NUMBER: Z003001189

PREPARED FOR:

Ms. Sharla Godwin
Director of Facilities and Maintenance
Dothan City Schools
1665 Honeysuckle Road, Suite 1,
Dothan, Alabama 36305

PREPARED BY:

Atlas Technical Consultants LLC
200 Wellington Manor Court, Suite 100
Alabaster, Alabama 35007

May 16, 2022

200 Wellington Manor Court, Suite 100
Alabaster, AL 35007
(205) 733-8775 | www.oneatlas.com

May 16, 2022

Ms. Sharla Godwin
DOTHAN CITY SCHOOLS
1665 Honeysuckle Road, Suite 1
Dothan, Alabama 36305

Subject: **AHERA 3-Year Re-Inspection Survey**
Transportation Center (TC)
430 3rd Avenue,
Dothan, Alabama 36301

Dear Ms. Godwin:

Dothan City Schools (DCS) retained Atlas Technical Consultants (Atlas) to conduct the United States Environmental Protection Agency (USEPA) Asbestos Hazard Emergency Response Act (AHERA) asbestos-containing building materials (ACBMs) 3 Year re-inspection within the Transportation Center (TC) formerly known as the Transportation Complex. TC is located at 430 3rd Avenue, Dothan, Alabama 36301. The 3-Year re-inspection is a requirement of the Asbestos-Containing Materials in Schools; Final Rule and Notice, 40 CFR part 763, and must be completed every three years from the date Dothan City Schools management plan was implemented for the schools. The re-inspection is a three (3)-phase process that consisted of the following:

1. Review of the school's original management plan and subsequent inspection reports to note the condition and location of the ACBMs that were identified.
2. Re-inspect each previously recorded ACBMs while noting the material's present condition.
3. Assess the ACBMs' potential for creating a hazard, and record any change from the initial survey. Should changes occur; new response actions will be indicated. Changes that have occurred and the responses appear on the inspection form. Atlas observed the following changes since the 1993 asbestos inspection report.

    I. According to the previous report the main building consisting of the office area and the shop. The entire building was listed as non-asbestos containing for asbestos. However all materials observed in, the building have no analytical data to prove they are asbestos free. Therefore, all materials in the building are considered asbestos containing building materials (ACMB) until analytical testing proves otherwise. A list of the suspect materials can be found below in Table 1. Additional details can be found on the inspection forms located in Appendix I.

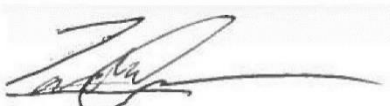
    II. Portable E5 was added to the TC campus in 1997 and was reported to not contain any ACBM in the previous 1993 report. Atlas did not observe Portable E5 during the 2022 AHERA 3-Year re-inspection. Therefore, Portables E5 has been removed from the 3-year re-inspection forms in Appendix I and from updated site map in Appendix II.

Mr. Zander Cordan (Inspector I.D. No. AIN0521678077) performed the above-referenced phases on January 25, 2022. The hand-written inspection forms, inspector's certification, site maps, photo-log along with a copy of the previous inspection reports, are included with this report.

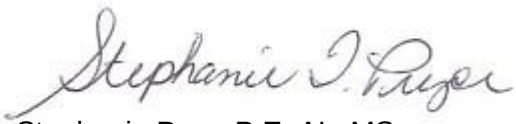
Atlas appreciates the opportunity to provide the AHERA 3-Year re-inspection and limited asbestos survey services for DCS. If you have any questions, please call us at (205) 733-8775.

Respectfully submitted,

Atlas Technical Consultants LLC



Zander Cordan
State of Alabama Licensed Asbestos Inspector
AIN0521678077
Direct Line: (205) 624-1869
Email: Alexander.cordan@oneatlas.com



Stephanie Pryor P.E. AL, MS
Environmental Department Manager
Direct Line (205) 733-8775
Email: Stephanie.pryor@oneatlas.com

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Appendix II Current Asbestos Containing Building Materials Map

Appendix III Picture Log

Appendix IV Licenses and Certifications

Appendix V Previous AHERA 3-Year Re-Inspection Report(s)

1. SITE DESCRIPTION

The property consists of approximately 3.80 acres and is developed with Transportation Center (TC), formerly Transportation Complex, an institutional structure utilized for bus servicing and maintenance for the school district. The Transportation Center was originally constructed in 1989 and the building encompasses approximately 15,555 square feet. The building has multiple offices, common areas, restrooms and shop/service area. The property building is surrounded by concrete, asphalt pavement, and landscaped areas.

2.0 Recommendations

Atlas recommends that any suspect ACBM be tested to confirm the presence of asbestos if the material is to be disturbed by renovation/demolition activities. Additionally Atlas recommends to sample all suspect materials to know if they contain asbestos so they can be added or removed from each AHERA 3-year Re-inspection evaluations.

Atlas notes that suspect ACM may be present within the survey location in inaccessible or concealed spaces. If the future planned restoration of the assessment area make these areas accessible, Atlas recommends that a thorough assessment of these spaces be conducted at that time to identify and confirm the presence or absence of additional ACM's. Until then, such unidentified materials should be assumed ACM in accordance with 40 CFR 761.

Table 1 – Assumed Asbestos Containing Building Material (ACBM)

TABLE 1: ASSUMED ASBESTOS CONTAINING MATERIALS TRANSPORTATION CENTER 430 3RD AVENUE, DOTHAN, AL. 36301 ATLAS PROJECT NUMBER: Z003001189				
Assumed Asbestos Category (SM, TSI, and Misc.)	**Description of Material**	**Location(s) (Office/Shop)**	**Friable/Non Friable**	**Condition (Good/Fair/Poor)**
Misc.	Blue with white/gray speckles (12"X12") floor tile	Office	Non-Friable	Good-Fair
Misc.	Yellow/tan painted white sheetrock with white joint compound	Office	Friable	Good-Fair
Misc.	Blue painted white sheetrock with white joint compound	Shop	Friable	Good-Fair
Misc.	Blue cove base	Office	Non-Friable	Good-Fair
Misc.	Teal cove base	Office	Non-Friable	Good-Fair
Misc.	Gray cove base	Office	Non-Friable	Good-Fair
Misc.	Plum Carpet	Office	Non-Friable	Good-Fair
Misc.	Green/orange/purple carpet	Office	Non-Friable	Good
Misc.	White (2'X4') ceiling tile with pinholes and worm trails	Office/Shop	Friable	Good-Fair
Misc.	Yellow insulation above ceiling tile	Office	Friable	Good-Fair

TABLE 1: ASSUMED ASBESTOS CONTAINING MATERIALS TRANSPORTATION CENTER 430 3RD AVENUE, DOTHAN, AL. 36301 ATLAS PROJECT NUMBER: Z003001189				
Assumed Asbestos Category (SM, TSI, and Misc.)	**Description of Material**	**Location(s) (Office/Shop)**	**Friable/Non Friable**	**Condition (Good/Fair/Poor)**
Misc.	White coated yellow insulation	Entire Building	Friable	Good
Misc.	White under sink coating	Office	Friable	Good

Table: Misc. = Miscellaneous, SM= Surfacing Material, TSI= Thermal System Insulation

APPENDIX I
3-YEAR RE-INSPECTION FORMS

Reinspection of ACBM: Findings and Management Planner Recommendations

Page 1 of 7

School: ~~Carver School of Mathematics, Science and Technology (CSMST)~~ Transportation Dept. Building: ~~1st Addition /2nd Addition to Main Building~~ Office Dates of Reinspection: 1/26/2022

Homogeneous Sampling Area: Material Description: Vinyl Floor Tile ID Number:

REINSPECTION FINDINGS FOR ACBM							MANAGEMENT PLANNER RECOMMENDATIONS		
Description(s) of ACBM by assessment Category	Locations of ACBM by assessment Category	Quantity	Friability	Assessment Category (1-7, X)	Justification of assessment category	Change in Assessment	Preventative measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
Blue w/White/Gray Speckled Floor Tile	Office lobby	75	F / NF	5	good/fair	YES / NO	Not in previous 1993 Report		
"	Mail Rm	50	F / NF	5	good/fair	YES / NO	" "		
"	N. R.R (Women)	35	F / NF	5	good-fair	YES / NO	" "		
"	Break Room	200	F / NF	5	good-fair	YES / NO	" "		
"	Closet	42	F / NF	5	good-fair	YES / NO	" "		
"	Off #1	180	F / NF	5	good-fair	YES / NO	" "		
"	Off # 3	225	F / NF	5	good-fair	YES / NO	" "		
"	Office Reception	250	F / NF	5	good-fair	YES / NO	" "		
"	Storage/Server Rm	130	F / NF	5	good-fair	YES / NO	" "		
"	Office Reception Closet	21	F / NF	5	good-fair	YES / NO	" "		
"	S. Unisex R.R	15	F / NF	5	good-fair	YES / NO	" "		
"	Break Area	75	F / NF	5	good-fair	YES / NO	" "		
"	Office R.R	28	F / NF	5	good-fair	YES / NO	" "		
			F / NF			YES / NO			
			F / NF			YES / NO			

Inspector Name: Zander Cordan

Inspector Signature:

Accreditation # / State: AIN0521678077/Alabama

Expirations Date: 5/11/2022

Management Planner Name

Management Planner Signature

Accreditation # / State

Expirations Date

I, the LEA's Designated Person, have read and understood the recommendations made above: Date:

AHERA Assessment Category:

1 - Damaged or significantly damaged

2 - Damaged friable surfacing ACBM

3 - Significantly damaged friable ACBM

4 - Damaged or significantly damaged friable miscellaneous ACBM

5 - ACBM with potential for damage

6 - ACBM with potential for significant damage

7 - Any remaining friable ACBM or friable suspected ACBM

X - not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material

None - No assessment category provided in original inspection.

Reinspection of ACBM: Findings and Management Planner Recommendations

School Transportation Dept. Building Office Dates of Reinspection 1/26/2022

Homogeneous Sampling Area: Material Description Sheet Rock / Joint Compound ID Number

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Locations of ACBM by assessment Category	Quantity	Friability	Assessment Category (1-7, X)	Justification of assessment category	Change in Assessment	Preventative measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
Office lobby (Yellow/tan painted white sheetrock J.C.)	220	F / NF	5	good-fair	YES / NO	Not in previous 1993 Report		
Mwl Rm	210	F / NF	5	good-fair	YES / NO	" " "		
N. B.R. women's	164	F / NF	~~5~~ 5	good-fair	YES / NO	" " "		
Break Rm	~~400~~ 435	F / NF	5	good-fair	YES / NO	" " "		
Closet	210	F / NF	5	good-fair	YES / NO	" " "		
Off #1	415	F / NF	5	good-fair	YES / NO	" " "		
Off #2	422	F / NF	5	good-fair	YES / NO	" "		
Off #3	465	F / NF	5	good-fair	YES / NO	" "		
Office Reception	495	F / NF	5	good-fair	YES / NO	" " "		
Office Reception Closet	112	F / NF	5	good-fair	YES / NO	" "		
Storage Reception SERVER Rm	466	F / NF	5	good-fair	YES / NO	" " "		
S. Unisex R.R.	120	F / NF	5	good-fair	YES / NO	" "		
Break Area (N)	115	F	5	good-fair	YES	" "		

Were additional samples of ACBM collected? YES NO

Date of Management Planner Review:

Inspector Name: Zander Corder

Inspector Signature:

Accreditation # / State: AINDS21678077 / ALABAMA

Expirations Date: 5/11/2022

Management Planner Name

Management Planner Signature

Accreditation # / State

Expirations Date

I, the LEA's Designated Person, have read and understood the recommendations made above: Date:

AHERA Assessment Category:

1 - Damaged or Significantly damaged

2 - Damaged friable surfacing ACBM

3 - Significantly damaged friable ACBM

4 - Damaged or significantly damaged friable miscellaneous ACBM

5 - ACBM with potential for damage

6 - ACBM with potential for significant damage

7 - Any remaining friable ACBM or friable suspected ACBM

X - not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material

None - No assessment category provided in original inspection.

Reinspection of ACBM: Findings and Management Planner Recommendations

School: ~~Carver School of Mathematics, Science and Technology (CSMST)~~ Transportation Bldg.

Building: ~~1st Addition /2nd Addition to Main Building~~

Dates of Reinspection: 1/ /2022

Homogeneous Sampling Area:

Material Description: ~~Vinyl Floor Tile~~ Sheetrock

ID Number:

REINSPECTION FINDINGS FOR ACBM							MANAGEMENT PLANNER RECOMMENDATIONS		
Description(s) of ACBM by assessment Category	Locations of ACBM by assessment Category	Quantity	Friability	Assessment Category (1-7, X)	Justification of assessment category	Change in Assessment	Preventative measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
Yellow/tan Painted White Sheetrock	Office Reception R.R.	110	F (NF)	5	Good	YES NO	Not in previous report		
" "	Breakroom Closet	42	F (NF)	5	Good	YES NO	" "		
" "	Server RM Closet	47	F (NF)	5	Good	YES NO	" "		
Blue Painted White Sheetrock	Smoke mens R.R.	105	F (NF)	5	Good	YES NO	" "		
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			

Inspector Name: Zander Cordan

Inspector Signature:

Accreditation # / State: AIN0521678077/Alabama

Expirations Date: 5/11/2022

Management Planner Name

Management Planner Signature

Accreditation # / State

Expirations Date

I, the LEA's Designated Person, have read and understood the recommendations made above: Date:

AHERA Assessment Category:

1 - Damaged or Significantly damaged

2 - Damaged friable surfacing ACBM

3 - Significantly damaged friable ACBM

4 - Damaged or significantly damaged friable miscellaneous ACBM

5 - ACBM with potential for damage

6 - ACBM with potential for significant damage

7 - Any remaining friable ACBM or friable suspected ACBM

X - not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material

None - No assessment category provided in original inspection.

Reinspection of ACBM: Findings and Management Planner Recommendations

Transportation Bldg. Office

School: ~~Carver School of~~ Mathematics, Science and ~~Technology (CSMST)~~ Building: ~~1st Addition /2nd Addition to Main Building~~ Dates of Reinspection: 1/ /2022

Homogeneous Sampling Area: Material Description: ~~Vinyl Floor Tile~~ Cove base ID Number:

REINSPECTION FINDINGS FOR ACBM							MANAGEMENT PLANNER RECOMMENDATIONS		
Description(s) of ACBM by assessment Category	Locations of ACBM by assessment Category	Quantity	Friability	Assessment Category (1-7, X)	Justification of assessment category	Change in Assessment	Preventative measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
Blue Cove base	Office lobby	10	F / NF	5	Good-Fair	YES / NO	NOT IN Previous 1993 RPT		
" "	Mail Rm	5	F / NF	5	Good-fair	YES / NO	" "		
~~Teal Covebase~~	N. R.R. (Women's)	5	F / NF	5	Good-fair	YES / NO	" "		
Teal Covebase	Break Rm	35	F / NF	5	Good-fair	YES / NO	" "		
Gray Covebase	Closet	5	F / NF	5	Good-Fair	YES / NO	" "		
Blue Cove base	Grc #1	30	F / NF			YES / NO			
Teal Covebase	Off #2	30	F / NF	5	Good-fair	YES / NO	" "		
Blue Cove base	Off #3	45	F / NF	5	Good-fair	YES / NO	" "		
Blue Covebase	Break Area	10	F / NF	5	Good-fair	YES / NO	" "		
" "	Office Reception	50	F / NF	5	Good-fair	YES / NO	" "		
" "	Office Reception Closets	5	F / NF	5	Good-Fair	YES / NO	" "		
Teal Covebase	Storage/ Service Rm	30	F / NF	5	Good-fair	YES / NO	" "		
Blue	S. Wing Sek R.R.	5	F / NF	5	Good-fair	YES / NO	" "		
Blue Covebase	Office Reception 000 R.R.	5	F / NF	5	Good-fair	YES / NO	" "		
Gray covebase	Break Rm Closet	2	F / NF	5	Good-fair	YES / NO	" "		

Inspector Name: Zander Cordan

Inspector Signature:

Accreditation # / State: AIN0521678077/Alabama

Expirations Date: 5/11/2022

Management Planner Name

Management Planner Signature

Accreditation # / State

Expirations Date

I, the LEA's Designated Person, have read and understood the recommendations made above: Date:

AHERA Assessment Category:

1 - Damaged or Significantly damaged

2 - Damaged friable surfacing ACBM

3 - Significantly damaged friable ACBM

4 - Damaged or significantly damaged friable miscellaneous ACBM

5 - ACBM with potential for damage

6 - ACBM with potential for significant damage

7 - Any remaining friable ACBM or friable suspected ACBM

X - not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material

None - No assessment category provided in original inspection.

Gray covebase	Server Rm Closet	2	NF	5	Good-fair	Yes	" "

Reinspection of ACBM: Findings and Management Planner Recommendations

School: Carver School of ~~Mathematics, Science and Technology (CSMST)~~ Transportation Bldg.

Building: ~~1st Addition /2nd Addition to Main Building~~ Office

Dates of Reinspection: 1/26/2022

Homogeneous Sampling Area:

Material Description: ~~Vinyl Floor Tile~~ Carpet / SINK COATING

ID Number:

REINSPECTION FINDINGS FOR ACBM							MANAGEMENT PLANNER RECOMMENDATIONS		
Description(s) of ACBM by assessment Category	Locations of ACBM by assessment Category	Quantity	Friability	Assessment Category (1-7, X)	Justification of assessment category	Change In Assessment	Preventative measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
plum Carpet	N. Bay Office Closet	12	F (NF)	5	good-Fair	YES NO	NOT IN PREVIOUS 1993 RPT		
Green / orange / Purple Carpet	Off #2	185	F (NF)	5	good	YES NO	" "		
~~Break Rm Closet~~ plum Carpet	Break Rm Closet	7	F (NF)	5	Fair	YES NO	" "		
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			
			F NF			YES NO			

Inspector Name: Zander Cordan

Inspector Signature:

Accreditation # / State: AIN0521678077/Alabama

Expirations Date: 5/11/2022

Management Planner Name

Management Planner Signature

Accreditation # / State

Expirations Date

I, the LEA's Designated Person, have read and understood the recommendations made above: Date:

AHERA Assessment Category:

1 - Damaged or Significantly damaged

2 - Damaged friable surfacing ACBM

3 - Significantly damaged friable ACBM

4 - Damaged or significantly damaged friable miscellaneous ACBM

5 - ACBM with potential for damage

6 - ACBM with potential for significant damage

7 - Any remaining friable ACBM or friable suspected ACBM

X - not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material

None - No assessment category provided in original inspection.

Reinspection of ACBM: Findings and Management Planner Recommendations

School Transportation DEPT Building Transportation Off Dates of Reinspection 1/20/2022

Homogeneous Sampling Area: Material Description [redacted] ceiling tile ID Number

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Locations of ACBM by assessment Category	Quantity	Friability	Assessment Category (1-7, X)	Justification of assessment category	Change in Assessment	Preventative measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
Entire Office	1,950	F / NF	5	good-fair	YES / NO	NOT IN PREVIOUS 1993 RPT		
Shop office	183	F / NF	5	good-fair	YES / NO	" "		
Shop Restroom	100	F / NF	5	good-fair	YES / NO	" "		
Shop mens R.R.	27	F / NF	5	good-fair	YES / NO	" "		
		F / NF			YES / NO			
		F / NF			YES / NO			
		F / NF			YES / NO			
		F / NF			YES / NO			
		F / NF			YES / NO			
		F / NF			YES / NO			
		F / NF			YES / NO			
		F / NF			YES / NO			

White 3'x4' CT W/ Pinholes /worm trails

Were additional samples of ACBM collected? YES (NO)

Date of Management Planner Review:

Inspector Name Zander Cordan

Inspector Signature

Accreditation # / State AINDS21678077 / ALABAMA

Expirations Date 5/11/2022

Management Planner Name

Management Planner Signature

Accreditation # / State

Expirations Date

I, the LEA's Designated Person, have read and understood the recommendations made above: Date:

AHERA Assessment Category:

1 - Damaged or Significantly damaged

2 - Damaged friable surfacing ACBM

3 - Significantly damaged friable ACBM

4 - Damaged or significantly damaged friable miscellaneous ACBM

5 - ACBM with potential for damage

6 - ACBM with potential for significant damage

7 - Any remaining friable ACBM or friable suspected ACBM

X - not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material

None - No assessment category provided in original inspection.

Reinspection of ACBM: Findings and Management Planner Recommendations

Page 7 of ~~7~~ 7

School: ~~Carver School of Mathematics, Science and Technology (CSMST)~~ TRANSPORTATION BLDG

Building: ~~1st Addition /2nd Addition to Main Building~~ OFFICE

Dates of Reinspection: 1/26/2022

Homogeneous Sampling Area:

Material Description: ~~Vinyl Floor Tile~~ INSULATION

ID Number:

REINSPECTION FINDINGS FOR ACBM							MANAGEMENT PLANNER RECOMMENDATIONS		
Description(s) of ACBM by assessment Category	Locations of ACBM by assessment Category	Quantity	Friability	Assessment Category (1-7, X)	Justification of assessment category	Change in Assessment	Preventative measures, response actions, and initial/additional cleanings	Schedule Begin	Schedule Complete
Yellow insulation above CT	Entire Office Area	1,950	F / NF	5	Good-Fair	YES / NO	NOT in previous 1993 ERT		
White coated Yellow insulation	Entire ~~SCSC~~ Bldg	9,000	F / NF	5	Good-Fair	YES / NO	" "		
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			
			F / NF			YES / NO			

Inspector Name: Zander Cordan

Inspector Signature:

Accreditation # / State: AIN0521678077/Alabama

Expirations Date: 5/11/2022

Management Planner Name

Management Planner Signature

Accreditation # / State

Expirations Date

I, the LEA's Designated Person, have read and understood the recommendations made above: Date:

AHERA Assessment Category:

1 - Damaged or Significantly damaged

2 - Damaged friable surfacing ACBM

3 - Significantly damaged friable ACBM

4 - Damaged or significantly damaged friable miscellaneous ACBM

5 - ACBM with potential for damage

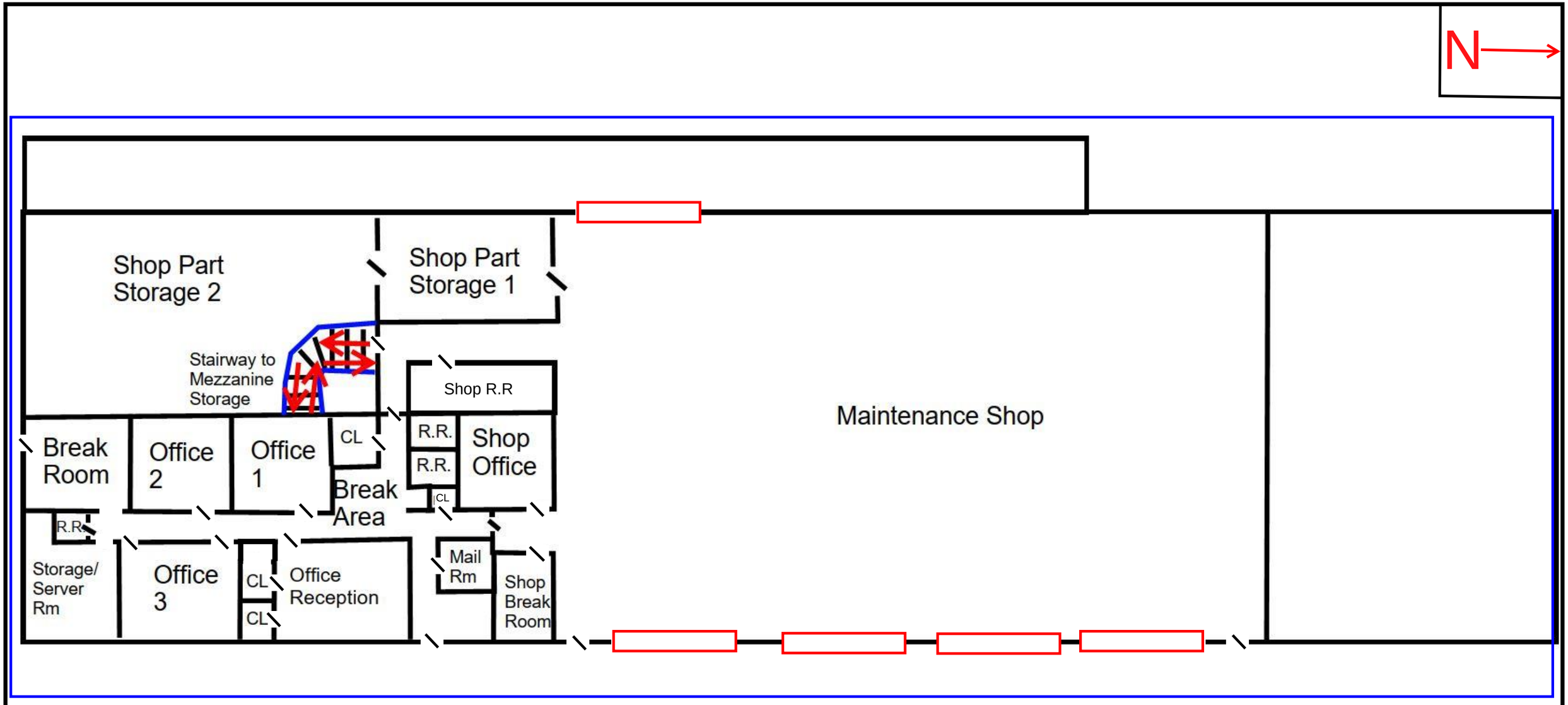
6 - ACBM with potential for significant damage

7 - Any remaining friable ACBM or friable suspected ACBM

X - not applicable (material is non-ACBM or nonfriable surfacing or miscellaneous material

None - No assessment category provided in original inspection.

APPENDIX II
CURRENT ASBESTOS CONTAINING BUILDING MATERIALS LOCATION MAP



PROJECT NO: Z003001189	
DRAWN BY: ZC	DATE: April 6, 2022
DESIGNED BY: ATLAS	SAMPLE DATE: January 25, 2022

ATLAS

200 WELLINGTON MANOR COURT, SUITE 100
ALABASTER, AL 35007

AHREA 3-Year Current ACBM Site Map
(Dothan City Schools)

Transportation Center (TS)
430 3rd Avenue,
Dothan, Alabama 36301

LEGEND

.....=Entire Bldg. all materials observed are assumed ACBM

▭=Roll-up bay door

\ =Door

APPENDIX III
PICTURE-LOG

Photo #1. Typical Exterior Building Materials observed along main entrance to Transportation Center.

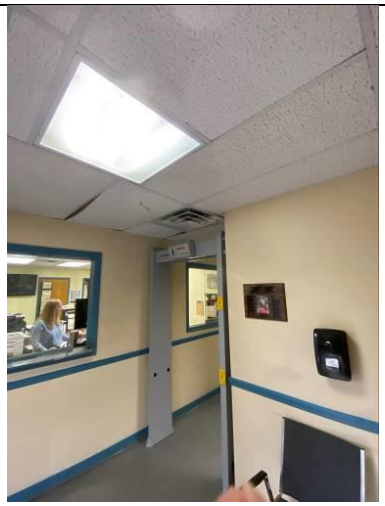


Photo #2. View of typical interior finishes observed in check-in lobby.

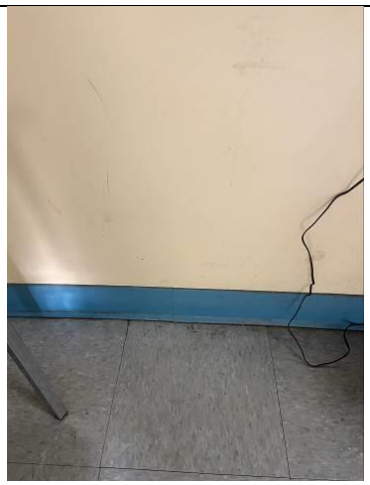


Photo #3. Typical assumed ACBM blue with white/ gray speckled (12”X12”) FL tile.

Photo #4. Typical assumed ACBM yellow/tan sheetrock and white joint compound.

Photo #5. Typical assumed yellow insulation above ceiling tile in the office area.

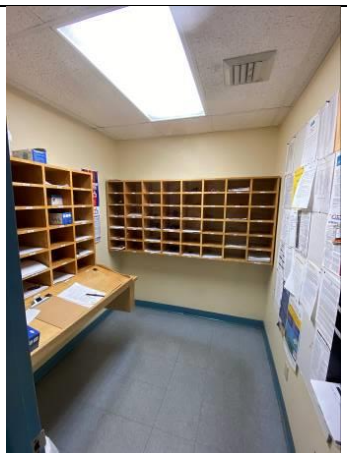


Photo #6. View of assumed ACBM blue cove base and white (2’X4’) ceiling tile observed in mail room of office area.

Photo #7. Assumed ACBM plum carpet found if closets of office area.

Photo #8. View of assumed ACBM white under sink coating on sink in the office area.

Photo #9. View of typical finishes observed within the front office area.

Photo #10. View of assumed ACBM green/orange/purple carpet in office.

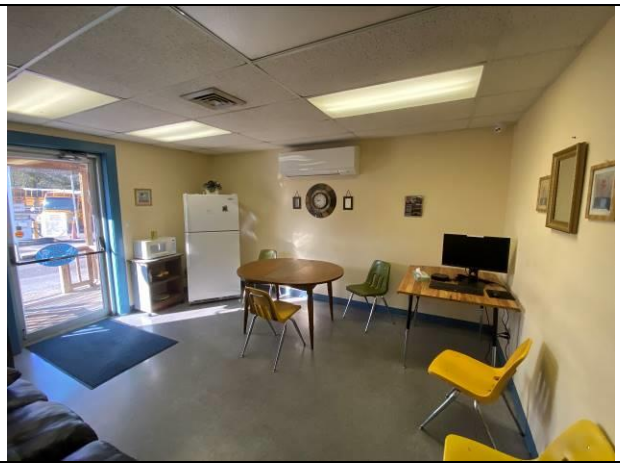


Photo #11. View of assumed ACBM teal cove base in office break room.

Photo #12. View of typical assumed ACBM materials in the hallway of the office.

Photo #13. View of assumed ACBM white covered building insulation found thought the entire building.

Photo #14. View of assumed white (2'X4') ceiling tile with pinholes/worm trails in the shop office.

Photo #15. View of typical interior finishes observed in the office of the shop.

Photo #16. View of typical metal exterior siding observed around the building.

Photo #17. View of assumed ACBM observed in the shop restroom.

Photo #18. View of assumed ACBM observed in the Shop breakroom.

APPENDIX IV
LICENSES AND CERTIFICATIONS

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101187-0

ATC Group Services LLC

New York, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2021-07-01 through 2022-06-30

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program

THE UNIVERSITY OF ALABAMA®

UA SafeState

has examined the documentation of asbestos training and qualifications of the person named below and confers this

Certificate of Accreditation

Asbestos Inspector Renewal

Zander Cordan

Alabama Accreditation Number

AIN0521678077

Certificate Expiration Date

May 11, 2022

This certificate has been issued pursuant to the authority granted to The University of Alabama SafeState Program by the Alabama Asbestos Contractor Accreditation Act, Alabama Act No. 89-517, May, 1989 and Alabama Act No. 97-626, May, 1997.

Executive Director

Associate Director for Environmental Programs

APPENDIX V
PREVIOUS AHERA 3-YEAR RE-INSPECITON REPORT(S)

Alabama Asbestos Management Program

L1 **AHERA Management Plan School Cover Sheet** LEA: Dothan City Schools (Name) 1 3 0 (Code #)

L2 School: Transportation Complex (Name) 1 8 0 (Code #)

L3 **Management Plan Submission** [X] Original [ ] Resubmitted [ ] New Building

L4 **List of Documents Attached**

- [X] List of School Buildings (Form 3)
- [ ] Homogeneous Areas (Form 4)
- [ ] Summary of Recommendations (Form 5)
- [ ] Response Action Plan (Form 6 & 6A)
- [ ] Follow-up Action Plan (Form 7)
- [ ] Assessment Sheet(s) (Optional Form 8)
- [ ] Sampling Form (Optional Form 9)
- [ ] Lab Report(s) (Optional Form 10)

L5 **LEA AHERA DESIGNEE** *(School Asbestos Coordinator)*

Typed Name: Ted Hall

Mailing Address: 500 Dusy Street

Dothan, AL 36301

Name of Training Course AHERA Inspector/AHERA Management Planner

Year 88 Month 7 Day 15 Total Hours of Course 40

Name of Training Agency University of Alabama

L6 **MANAGEMENT PLANNER**

Typed Name: Ted Hall

Agency: Dothan City Schools

Accreditation Number: PL0788H9506

Signature: Ted Hall Date: 1/6/93

For persons who performed inspections, and recommend(ed) design, or carry out response actions (except for operations and maintenance) the local education agency used or will use persons who have been accredited by a state which has adopted a contractor accreditation plan under section 206(b) of Title II of the Act or is accredited by an EPA-approved course under section 206(c) of Title II of the Act. In addition, the LEA has considered whether any conflict of interest may arise from the interrelationship among accredited personnel, such as abatement activities being performed by an inspector or management planner, and whether that should influence the selection of accredited personnel to perform activities under this AHERA program.

The signatories below certify that the general local education agency responsibilities, as stipulated by Part 763.84 have been met or will be met.

L7 Signature: Ted Hall *LEA AHERA Designee*

Date: 1/6/93

Signature: Don R Musselman *LEA Superintendent/Owner*

Don R. Musselman *Typed Name of Superintendent/Owner*

For Reviewing Agency Use Only

[ ] Accepted

[ ] Returned for Reason Stated Below

Reviewers Signature: _____ **Date:** _____

Alabama Asbestos Management Program

School Listing of Buildings

L1 **LEA:** Dothan City Schools (Name) — 1 3 0 (Code #)

L2 **School:** Transportation Complex (Name) — 1 8 0 (Code #)

L3 **Address:** 400 Third Ave.

Dothan, AL 36301 **County** Houston

C1	C2	C3	C4		C5				
	Building Description	Total Ft.^{2}	Date of Inspection		Check Here for Presence of: ACBM		Suspect ACBM		
No.	Name (Address if different than school)		Present	Previous	Friable	Non-Friable	Friable	Non-Friable	No ACBM
01	Main Building	10316	1/5/93						X

L4 Inspector: Ted Hall (Name) Alabama Certification Number: 1N0788H9506

Ted Hall (Signature) Date: 1/6/93 Agency: Dothan City Schools

LEA: Dothan City Schools (130)

School: Transportation (189)

Building: Portable ES (02)

This building has been moved onto this campus. 8/97

(✓) It does not contain any ACBM (asbestos).

( ) It contains ACBM (asbestos). Procedures to be implemented are attached.

Ted Hall

Inspector/Management Planner