

**ADDENDUM NO. 1**

TO THE  
CONSTRUCTION DOCUMENTS  
FOR THE CONSTRUCTION OF

**OPSB  
ELLIS MARSALIS ELEMENTARY SCHOOL BOILERS REPLACEMENT  
OPSB PROJECT NO. 24-FAC-0012**

**5625 LOYOLA AVE  
NEW ORLEANS, LA 70115**

PREPARED BY:

INFINITY ENGINEERING CONSULTANTS, L.L.C.

4001 DIVISION ST.

METAIRIE, LA 70002

INFINITY PROJECT NO. 23-060

August 8, 2024

## **GENERAL**

1. The following addendum to plans and specifications shall be considered a part of the Contract Documents as if originally written and included in same. Where changes in materials or workmanship are made, same shall take precedence over original specifications, however, changes which may affect the proper installation or construction of materials or fixtures not mentioned must be brought to the attention of the Engineer before submitting a bid, otherwise conditions found later to exist must be resolved properly without additional cost.
2. All addenda must be acknowledged on the bid form. Failure to acknowledge any addenda will cause the bid response to be rejected.

## **QUESTIONS AND ANSWERS**

Q: Who is the controls contractor?

A: Synergy Building Solutions

Q: What is the Budget?

A: \$400,000 to \$450,000

Q: Was any asbestos tested for?

A: Yes, there is piping in the boiler room that has insulation that was identified to contain asbestos, however it is not on the piping being changed. See attached report for details. Because the insulation containing asbestos is not in the scope of work, an abatement plan is not needed. The contractor is advised to take caution and avoid disturbing the asbestos insulation when disconnecting and reconnecting piping.

Q: What access will be available?

A: Access will be available from Nashville behind the school. Chain link fence shall be removed and reinstalled as necessary and be included in the total cost.

Q: When is the last day to ask questions?

A: Friday 8/16/2024

Q: Is the Contract Agreement (template) included in the bid package (page 181 of the specifications) applicable?

A: Please omit the Contract Agreement (template) included in the bid package (page 181 of the specifications). The bid instructions refer to AIA A101 + A201 and will be used for the contract.

Q: Will the chemical pot feeder be replaced? Will chemical treatment be needed?

A: The chemical pot feeder will remain. Chemical treatment will be needed and should be added according to boiler manufacturer recommendations. Quality of water in boilers shall be maintained during periods of boiler storage as well as during operating, standby, and test conditions. All costs associated with chemical treatment shall be included in the bid.

**APPENDIX**

1. Pre-Bid Meeting Sign in Sheet
2. Asbestos Report

**PREBID MEETING SIGN-IN SHEET**

OWNER: Orleans Parish School Board

PROJECT: 23-060 Ellis Marsalis Boilers Replacement

DATE: 8/8/2024

TIME: 1 pm

LOCATION: 5625 Loyola Ave, New Orleans, LA. 70115

Name	Company	Email	Signature
Stephen Gholston	Infinity	sgholston@infinityec.com	
Rai Lauga	OPSS/ATLAS	RAY.LAUGA@ONEATLAS	
<del>KEISTIN MARIANOFF</del>	<del>OPSS/ATLAS</del>	<del>KEISTIN.MARIANOFF@ONEATLAS.COM</del>	
John Maillet	Mechanical Resources Consultants LLC	jmaillet@bernhard.com	
Daryl McGill	Dove Group	Estimating@dovegrp.com	
Brian James	Gootee	bjames@gootee.com	
Megan Marsalone	Gallo Mechanical General	megan.marsalone@gallomech.com	
Cedric Todd	Gas Service	ctoddserv@yahoo.com	
Kevin Washington	K.A.M. Construction	kamllc7@gmail.com	
E Hampton	Estes Industrial	Ehampton@estesla.com	
Rafe Hebert	Estes Industrial	RHebert@estesla.com	
Carter Blanchard	Blanchard Mechanical	estimating@bmc-team.net	
Jimmy Jacobi	ARC Mech	estimating@arcmechanical.net	

**LDEQ FORM AAC-8**

**ASBESTOS  
MANAGEMENT  
PLAN (July 2023)**

**FOR**

**Ellis Marsalis, Jr. School  
5625 Loyola Ave.,  
NEW ORLEANS, LA 70115**

**PREPARED IN ACCORDANCE WITH:**

**LAC 33:III.CHAPTER 27**

**ASBESTOS-CONTAINING MATERIALS  
(ACM) IN SCHOOLS AND STATE BUILDINGS**

**UNDER THE DIRECTION OF:**

**LDEQ, OES, PUBLIC PARTICIPATION & PERMIT SUPPORT  
DIVISION NOTIFICATIONS & ACCREDITATIONS SECTION**

**P.O. Box 4313**

**BATON ROUGE, LA 70821-4313**

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
OES, PUBLIC PARTICIPATION AND PERMIT SUPPORT DIVISION  
NOTIFICATIONS AND ACCREDITATIONS SECTION**



**Required Elements for Asbestos Management Plans for School and State Buildings  
Form AAC-8  
LAC 33:III.Chapter 27**

**Directions:** Please note that the current AAC-8 form is an interactive Asbestos Management Plan and the information shall be typed or legibly hand written on the form itself, not referencing another document as in the previous AAC-8 form. This form must be completed properly and submitted as the asbestos Management Plan required for a school (Kindergarten through Post-graduate), state owned, leased, or state-used building. **A written explanation must be provided for any incomplete section.** The explanation must be included in the section or if too long, attached behind the corresponding section. You may find the following link useful, complete with Most Frequently Asked Questions, forms, Training Providers, etc: <http://www.deq.louisiana.gov/portal/tabid/2883/Default.aspx>.

Completion of the AAC-8 will ensure that the Management Plan meets federal (40 CFR Part 763.93) and state (*LAC 33:III.Chapter 27*) requirements and will facilitate accurate and timely state review.

All schools must submit their Asbestos Management Plan directly to: **LDEQ, OES, Public Participation and Permit Support Division, Notifications and Accreditations Section, P.O. Box 4313, Baton Rouge, LA 70821-4313.**

Any Asbestos Management Plan for a **state building**, whether it is owned, leased, or otherwise used as a state building must submit the Asbestos Management Plan directly to: **Real Estate Leasing Administrator, Division of Administration, Facility Planning and Control, Real Estate Leasing Section, P.O. Box 94095, Baton Rouge, LA 70804-9095.**

**APPLICABILITY:**

This building is being used for the following purpose:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> School (Kindergarten through Post-Graduate) | <input type="checkbox"/> New School (Constructed after October 12, 1988) |
| <input type="checkbox"/> State building (Owned, Leased, or Used)                | <input type="checkbox"/> Other: _____                                    |

**STATE BUILDING EXEMPTION (LAC 33:III.2701.B)**

**I. If the following exemption applies, complete pages 1, 2, Section A, and provide supporting evidence as applicable.**

- 1.  This building is **not** a school building (see definition of school building) used for grades kindergarten through post-graduate; and
- 2.  This state building was built after 1978 and is exempt from the requirements of this Chapter because there is no possibility of the presence of asbestos (*LAC 33:III.2701.B.2*); or
- 3.  This state building was built before 1979 and is exempt from the requirements of this Chapter because an inspection was conducted in accordance with *LAC 33:III.2707.A*, and no asbestos is contained in the building, provided that:

- a. a copy of the inspection report
- b. a copy of the report is maintained
- c. no asbestos material was detected

**N/A**

of the inspection;  
e; and

**II. If an exemption is being requested from the requirements of submitting an asbestos Management Plan as indicated in *LAC 33:III.2701.B.3*, “This state building was built after 1978 and is exempt from the requirements of this Chapter unless there is the possibility of the presence of asbestos or the building is used for education of grades kindergarten through post-graduate.”**

The undersigned does hereby certify that the building will be used as a state building and there is no possibility of the presence of asbestos in the building as stated above (*LAC 33:III.2701.B.2*).

Responsible Individual (printed/typed name): \_\_\_\_\_  
Responsible Individual Signature: \_\_\_\_\_  
Responsible Individual Contact Information: Phone No:     (    )    \_\_\_\_\_  
Fax No:     (    )    \_\_\_\_\_ Email Address: \_\_\_\_\_

**III. If an exemption is being requested from the requirements of submitting an asbestos Management Plan as indicated in *LAC 33:III.2701.B.3*, “This state building was built before 1979 and is exempt from the requirements of this Chapter because an inspection was conducted in accordance with *LAC 33:III.2707.A*, and no asbestos is contained in the building,” attach the inspection report as noted above and a copy of current Louisiana inspector accreditation certificate behind this page. (*LAC 33:III.2707.A.3*)**

Name of Louisiana Accredited Inspector: \_\_\_\_\_  
Louisiana Accredited Inspector Signature: \_\_\_\_\_  
Louisiana DEQ Accreditation No: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

**STATE BUILDING EXEMPTION (Continued) (LAC 33:III.2735.C)**

\*Please note that, in accordance with LAC 33:III.2735.B, “**If ACBM is subsequently found** in a homogeneous or sampling area of the **state government** [the responsible party for the state building] that had been identified as receiving an exclusion by an accredited inspector under Paragraph A.3, 4, or 5 of this Section, or an architect, project engineer, or accredited inspector under Paragraph A.7 of this Section, the state government [responsible party for the state building] shall have 180 days following the date of identification of ACBM to comply with this Chapter.”

N/A



**SCHOOL BUILDING EXCLUSIONS (LAC 33:III.2735)**

I. If the following exclusions apply, complete pages 1, Section A, and provide supporting evidence as applicable.

- a.  An architect or project engineer responsible for the **construction of a new school building built after October 12, 1988**, or an accredited inspector signs a statement that no ACBM was specified as a building material in any construction document for the building or, to the best of his or her knowledge, no ACBM was used as a building material in the building. The local education agency shall submit a copy of the signed statement of the architect, project engineer, or accredited inspector to the Office of Environmental Services and shall include the statement in the management plan for that school.

**The signed statement (supporting evidence) shall be placed behind this Section.**

\*Please note that, in accordance with LAC 33:III.2735.B, “If ACBM is subsequently found in a homogeneous or sampling area of a local education agency or the state government [responsible party for the state building] that had been identified as receiving an exclusion by an accredited inspector under Paragraph A.3, 4, or 5 of this Section, or an architect, project engineer, or accredited inspector under Paragraph A.7 of this Section, the local education agency or the state government [responsible party for the state building] shall have 180 days following the date of identification of ACBM to comply with this Chapter.”

- b.  If the school or state bldg has been abated, and a thorough reinspection has confirmed that there is **no friable and nonfriable known or assumed ACBM in each building, further reinspections are no longer required (LAC 33:III.2707.B.1).**

\*Note in the management plan all of the information contained in the reinspection, including the inspection report, sampling and analysis report, inspector’s name, address, contact information, including telephone no and email address, etc.

- c.  If the school meets either a. or b. above, periodic surveillance is no longer required.

**N A**

**\*There are no exclusions from maintaining an Asbestos Management Plan for schools, which shall be kept in the administrative office for review.** The management plan shall be available, without cost or restriction, for inspection by representatives of EPA and the state, and the public, including parents, teachers, other school or public personnel, and their representatives. The local education agency or the responsible party for the state building may charge a reasonable cost to make copies of management plans. (LAC 33:III.2723.F.1)

## Section A

\*Print Legibly or Type\*

### FACILITY INFORMATION (LAC 33:III.2723.D.1)

**I. Building Information (Required):**

Name of Building	Ellis Marsalis, Jr. School		
Building Address	5625 Loyola Ave.		
	City: New Orleans	State: LA	Zip code: 70115
Date of Construction of Building			

**II. Mailing Information Required if for a School or School Building:**

Responsible Official for School Print/Type Name & Title			
School is Owned by: <input type="checkbox"/> City <input checked="" type="checkbox"/> Parish <input type="checkbox"/> State <input type="checkbox"/> Private	Name of Building Owner (School Board, other)		
Mailing Address			
	City:	State:	Zip code:

**III. Lessor Information (Required if building is leased):**

Lessor's Name			
Lessor's Address			
	City:	State:	Zip code:
Lessor's Contact Person			
Lessor's Email Address			
Lessor's Telephone No. (    )	Lessor's Fax No. (    )		

**IV. Is Asbestos present in the building?**

Yes                       No

**V. Yes, the building contains:**

- Friable ACBM
- Nonfriable ACBM
- Friable and Nonfriable suspected ACBM assumed to ACBM

## Section B

### INSPECTIONS CONDUCTED

(Check Appropriate Box)

- |   |
|---|
| <p><input type="checkbox"/> Inspections conducted <u>before</u> December 14, 1987 – Complete all Section A and B, Part I.<br/>(<i>LAC 33:III.2723.D.2</i>)</p> <p><input checked="" type="checkbox"/> Inspections conducted <u>after</u> December 14, 1987 – Complete all Sections A-G, except<br/>Section B, Part I. (<i>LAC 33:III.2723.D.3 and 2707</i>)</p> |
|---|

If the inspection report was conducted before December 14, 1987, attach inspection report behind Section B, Part I.

If the inspection report was conducted after December 14, 1987, attach inspection report behind Section B, Part II.

**Section B**  
**Part I**

**A. The following shall be included for each inspection conducted before December 14, 1987:**

Date of Inspection (*LAC 33:III.2723.D.2.a*)

Bulk Sampling Location Diagram – (*LAC 33:III.2723.D.2.b*):

Location of Sampling Area	Approx. Square or Linear ft of any Homogeneous or Sampling Areas where Material was Sampled for Asbestos Containing Material (ACM)	Exact Locations where Bulk Samples were Collected	Date of Collection

N/A

Attach blueprints, diagrams or written descriptions of all homogeneous or sampling areas behind Section B, Part I.

**Section B**  
**Part I**

Analysis (*LAC 33:III.2723.D.2.c*):

- Copy of analyses of any bulk samples taken
- Date of Analyses
- Copy of any other lab reports pertaining to the analyses

Response Actions/Preventative Measures (*LAC 33:III.2723.D.2.d*):

- Description of any response actions or preventative measures taken to reduce exposure
- Names and addresses of the contractors involved
- Start and completion dates of the work
- Results of any air samples analyzed during and upon completion of work

A description of assessments, required to be made of material that was identified before December 14, 1987, as friable Asbestos Containing Building Material (ACBM), including all Thermal System Insulation (TSI) or friable suspected ACBM (*LAC 33:III.2723.D.2.e*).

**N/A**

**Section B**  
**Part I**

Accreditation information for each person making assessment (*LAC 33:III.2723.D.2.e*):



Name	Accreditation No	Expiration Date	Signature

**N/A**

**Section B**  
**Part II**

**B. The following shall be included for each inspection conducted after December 14, 1987:**

List the following information for each accredited inspector who performed the inspection and re-inspection(s). (**LAC 33:III.2707.A.2, 2705, 2709, &2711**). For state owned, leased or otherwise used state buildings only, 3 year re-inspections are not required; however, 6 month surveillance is required. Please attach a copy of each inspector's Louisiana DEQ accreditation certificate behind Section B, Part II.

Inspection/Re-inspection Date	Inspector's Name (Printed or Typed)	Louisiana Accreditation No	Inspector's Signature
July 19, 2023	Jeff Camus	JI182306	
July 19, 2023	Justin Crochet	JI184257	

**STATE OF LOUISIANA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

certifies that

*Justin H Crochet*

Has complied with all requirements of the Louisiana Department of Environmental Quality  
and is authorized to perform the duties of

**Asbestos Inspector**

Accreditation No. J1184257

AI No. 184257

Date of Issuance June 21, 2023

Expiration June 21, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)  
may result in civil and/or criminal enforcement actions by the State.

*Charles Finley*

Permit Support Services Division  
Office of Environmental Services

LOUISIANA



**STATE OF LOUISIANA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

certifies that

*Jeffrey P Camus*

**Has complied with all requirements of the Louisiana Department of Environmental Quality  
and is authorized to perform the duties of**

**Asbestos Inspector**

**Accreditation No. JI182306**

**AI No. 182306**

**Date of Issuance June 21, 2023**

**Expiration June 21, 2024**

**Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)  
may result in civil and/or criminal enforcement actions by the State.**

*Charles Finley*

**Permit Support Services Division  
Office of Environmental Services**

**LOUISIANA**



# **LDEQ FORM AAC-8**

**ASBESTOS MANAGEMENT PLAN:  
3-YEAR RE-INSPECTION  
REPORT  
(July 2023)**

**FOR**

**Ellis Marsalis, Jr. School  
5624 Loyola Ave.  
New Orleans, LA 70115**

**PREPARED IN ACCORDANCE WITH:  
LAC 33:III.CHAPTER 27  
ASBESTOS-CONTAINING MATERIALS  
(ACM) IN SCHOOLS AND STATE BUILDINGS**

**UNDER THE DIRECTION OF:  
LDEQ, OES, PUBLIC PARTICIPATION & PERMIT SUPPORT DIVISION  
NOTIFICATIONS & ACCREDITATIONS SECTION  
P.O. Box 4313  
BATON ROUGE, LA 70821-4313**

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## 1.0 Introduction

Materials Management Group, Inc. (MMG) was retained by The Willow School (TWS) to perform an asbestos-containing materials (ACM) inspection and update the asbestos management plan (ACM MP) for the facilities and school buildings associated with Ellis Marsalis, Jr. School, located at 5625 Loyola Avenue, New Orleans, LA 70115 (School).

The ACM inspection and update of the School's ACM MP was performed pursuant to the requirements and regulations contained in Title 33 Environmental Quality, Part III, AIR, Chapter 27 Asbestos Containing Materials (ACM) in Schools and Public Buildings and 40 CFR Part 763, "Asbestos Containing Materials in Schools: Final Rule and Notice."

All ACM inspection and ACM MP expansion activities were performed by accredited asbestos inspectors and/or management planners in compliance with the Asbestos Hazard Emergency Response Act (AHERA) and all other relevant state and/or federal statutes. This report constitutes the 3-year ACM re-inspection report for the School in compliance with the requirements outlined in LAC 33:III.Chapter 27.

### Summary of ACM Inspection Findings

- Friable ACMs in good condition were confirmed present at the School as a result of the ACM 3-year re-inspection conducted by MMG on July 19, 2023.
  - These materials were:
    - 4" Pipe Insulation located in Rooms 321 and 318
    - 8" Pipe Insulation located in the Boiler Room
  - These materials are considered friable thermal systems insulation (TSI).
  - These materials are deemed by ACM Inspectors to be EPA Hazard Category 7 "friable ACM/ACBM" in good condition.
  - Due to friability, condition, and location, these ACM require a response action on the part of the LEA. Appropriate response actions include cleaning of the affected area followed by monitoring, routine maintenance, periodic surveillance, 3-year re-inspection, and immediate inclusion into the School's ACM MP and O&M Plan.
- Previously identified Category II non-friable ACM in good condition was assumed present at the School during the ACM 3-year re-inspection conducted by MMG on July 19, 2023.
  - This was:
    - Black adhesive mastic located beneath non-ACM resilient floor tile on the 2<sup>nd</sup> and 3<sup>rd</sup> Floors

- The ACM was considered a “miscellaneous material” which did not fall under the description of thermal systems insulation (TSI) or surfacing material.
  - This material is considered non-friable.
  - This material was classified as EPA Hazard Category 5 “ACBM with the potential for damage.”
  - Due to friability, condition, and location, this ACM does not require an immediate response action on the part of the LEA. MMG recommends monitoring, routine maintenance, periodic surveillance, 3-year re-inspection of this area as well as its inclusion into the School’s ACM MP and O&M Plan.
- 
- No friable materials assumed to be ACM but inaccessible for bulk sampling were identified as a result of this inspection.
  - No non-friable materials assumed to be ACM but inaccessible for bulk sampling were identified as a result of this inspection.
  - Friable and non-friable ACM confirmed to have been removed from the School during the ACM 3-year re-inspection conducted by MMG on July 19, 2023 included:
    - 3” Pipe Insulation in the 2<sup>nd</sup> Floor Main Office and Room 318
    - 12”x12” Resilient floor tile (rock pattern) located in Rooms 333 and 334

### **Summary of Actions Taken in Response to ACM Inspection Findings**

- The School was notified of the 3-year ACM re-inspection findings, provided with appropriate documentation of inspection protocols, as well as copies of all bulk sampling results.
- An updated LDEQ AAC-8 form was completed for the School.
- Recommendations for appropriate response actions, ongoing maintenance, notification, staff training, and recordkeeping were made by an accredited ACM management planner to the School for inclusion in the ACM MP.
- The School responded to the ACM management planner’s recommendations; a copy of the School’s response was then included in the ACM MP as required by LAC 33:III.Chapter 27.

## 2.0 ACM Inspection and Bulk Sampling

### 2.1 Inspector and/or Management Planner Information

All ACM inspection and bulk sampling activities were performed by Mr. Jeff Camus and Justin Crochet of MMG. Mr. Camus and Mr. Crochet are accredited by the Louisiana Department of Environmental Quality (LDEQ) as ACM Inspectors. See the table below for the relevant certification information. See also Appendix E for a copy of all certifications.

#### **Names and Credentials for Persons Performing the ACM Inspection**

<b>Name</b>	<b>Certification</b>	<b>Certification Number</b>	<b>Date of Issuance</b>	<b>Expiration Date</b>
Jeff Camus	LDEQ ACM Inspector	J1182306	7/21/2023	6/21/2024
Justin Crochet	LDEQ ACM Inspector	J1184257	7/1/2023	6/21/2024

### 2.2 Field Investigation and Bulk Materials Sampling Activities

Field investigation and bulk materials sampling activities were performed by Mr. Camus and Mr. Crochet at the School on July 19, 2023. For the purposes of this inspection, the School is defined as the school buildings and associated facilities located at 5625 Loyola Ave., New Orleans, LA 70115. MMG was not provided with an independent map or property assessment of the School. Per LAC33:III.2707 Inspections and Re-inspections, MMG's LDEQ-accredited ACM Inspectors:

- Visually inspected the area to identify the locations of all suspected ACM;
- Touched all suspected ACM to determine whether it was friable;
- Identified all homogeneous areas (HAs) of friable, suspected ACM and all HAs of non-friable suspected ACM; and
- Collected and submitted bulk samples for analysis under LAC 33:III.2709 and 2711.

Bulk samples were collected from suspected ACM as determined by Mr. Camus and Mr. Crochet based on their EPA-accredited training, professional experience, and best judgment. The number of samples

taken was determined by Mr. Camus and Mr. Crochet based on the number of homogeneous areas (HA) identified, the magnitude of the HA's, the accessibility of suspect materials, and the regulations contained in LAC 33:III Chapter 27. HA's were determined by Mr. Camus and Mr. Crochet; LAC 33:III:2703 defines a "homogeneous area" or "HA" as an "area of surfacing material, thermal systems insulation material, or miscellaneous material that is uniform in color, texture, and [date of application]."

Bulk materials sampling locations were chosen to be representative of given HA's. While an effort was made to collect samples randomly, bulk samples were taken preferentially from areas that were previously damaged, subject to restricted access, and/or easily repaired.

It should be noted that ACM which had been tested, confirmed, and included in the previous ACM MP was not re-sampled or retested by MMG during this 3-year re-inspection investigation. Per LAC 33:III.Chapter 27, MMG's ACM Inspector confirmed the type, location, and condition of previously identified ACM, noted any changes in the area or amount of the material, and documented any change in condition, friability, or accessibility. Conclusions and recommendations made regarding previously identified ACM as a result of this 3-year re-inspection investigation are included in Section 3 of this report.

### 2.3 Bulk Sample Analysis

Mr. Crochet took a total of four (4) bulk samples of suspected ACM during his investigation at the School on July 19, 2023. Samples were sent to EMSL Analytical Laboratories, 18369 Petroleum Dr., Baton Rouge, LA 70809 for analysis. Samples were analyzed on July 25, 2023. EMSL is an LDEQ LELAP-accredited laboratory that analyzes suspected ACM using Polarized Light Microscopy (PLM) with dispersion staining techniques. Samples which contained more than one suspect material (adhesive mastic used to secure resilient floor tile, for example) were separated by EMSL so that each substrate could be analyzed individually, whenever possible. See Appendix E for copies of the certifications for EMSL Analytical Laboratories.



2.4 Bulk Sampling Results

Of the four (4) bulk material samples taken by Mr. Crochet during his investigation, one (1) returned an analytical result over the designated threshold for “asbestos-containing material.” Per LAC 33:III:2703, ACM is defined as “any material or product which contains more than 1 percent (>1%) asbestos as determined by using the method specified in appendix E, subpart E, 40 CRF part 763, section 1, polarized light microscopy.” The positive analytical results are summarized in the following table; a full summary of analytical results is available in Appendix D. Laboratory chain of custody forms can be found in Appendix C.

**Summary of ACM-Positive Bulk Sampling Results**

Sample Number	Location	Description	Appearance	Asbestos (% Type)	Approx. Area (ft <sup>2</sup> )	Hazard Categorization
EM-BA-01	3 <sup>rd</sup> FL Mechanical Room	Red Fireproofing Silicone	Brown/White/Red Non-Fibrous Heterogeneous	None Detected	15 LNF	No Hazard
EM-BA-02	Boiler Room	TSI 8" Pipe Insulation	White Non-Fibrous Homogeneous	6% Chrysotile	30 LNF	7 – Friable ACM/ACBM
EM-BA-03	Cafeteria	White Camo 12"x12" Floor Tile	White Fibrous Homogeneous	None Detected	1000	No Hazard
EM-BA-04	Cafeteria	Black Camo 12"x12" Floor Tile	Black Non-Fibrous Homogeneous	None Detected	200	No Hazard

### 3.0 Categorization of ACM and Future Recommendations

#### Recommendations Regarding Friable ACM in Good Condition Identified at the School


- Friable ACM in good condition was identified at the School as a result of the ACM 3-year re-inspection conducted by MMG on July 19, 2023.
  - These materials were:
    - 4" Pipe Insulation located in Rooms 321 and 318
    - 8" Pipe Insulation located in the Boiler Room
  - These materials are considered friable thermal systems insulation (TSI).
  - These materials were deemed by ACM Inspectors to be EPA Hazard Category 7 "friable ACM/ACBM" in good condition.
  - Due to friability, condition, and location, this ACM does not require immediate response action on the part of the LEA other than appropriate asbestos hazard labeling (where applicable), periodic surveillance, and inclusion into the School's ACM MP and O&M Plans.
    - Asbestos hazard labeling should be implemented immediately and is only required in custodial and maintenance areas.
    - Periodic surveillance is required for all areas of ACM (friable and non-friable) and should be conducted at least once every 6 months.
    - Due to the location, friability, and hazard categorization of this ACM, any change in condition or friability will require an immediate response action of the part of the LEA.
  - In general, limited exposure to intact, friable ACM in good condition does not constitute a significant health risk unless the material become disturbed, damaged, deteriorated, or altered in some way which may lead to a major or minor asbestos fiber release. In the School, the majority of these materials are located on or just below the ceiling and are, therefore, not subject to impact, erosion, or general contact. However, should the condition of these materials change, MMG recommends conducting a response action designed to return areas of damaged ACM to an intact or undamaged state. This could include repair, enclosure, and/or encapsulation.
    - If the repair or maintenance action required to return the ACM to an intact or undamaged state exceeds the definition of "small-scale-short-duration" work contained in LAC 33:III Chapter 27, the work must be conducted by person accredited and licensed by LDEQ in the appropriate ACM disciplines as described in the regulations contained in LAC 33:III Chapters 27 and 51.

**Recommendations Regarding Non-Friable ACM in Good Condition Identified at the School**

- Category II (black adhesive mastic) non-friable ACM in good condition was assumed present at the School during the ACM 3-year re-inspection conducted by MMG on July 19, 2023.
  - This was:
    - Black adhesive mastic located beneath non-ACM resilient floor tile on the 2<sup>nd</sup> and 3<sup>rd</sup> Floors
      - The ACM was considered a “miscellaneous material” which did not fall under the description of thermal systems insulation (TSI) or surfacing material.
      - This material is considered non-friable.
      - This material was classified as EPA Hazard Category 5 “ACBM with the potential for damage.”
      - Due to friability, condition, and location, this ACM does not require an immediate response action on the part of the LEA. MMG recommends monitoring, routine maintenance, periodic surveillance, 3-year re-inspection of this area as well as its inclusion into the School's ACM MP and O&M Plan.
  - In general, limited exposure to intact, non-friable ACM in good condition does not constitute a significant health risk unless the material become disturbed, damaged, deteriorated, or altered in some way which may render it friable. In the School, the majority of these materials are located in areas which are generally accessible to staff, students, and building occupants. Therefore, should the condition of these materials change, MMG recommends conducting a response action designed to return areas of damaged ACM to an intact or undamaged state. This could include repair, enclosure, removal, and/or encapsulation.
    - If the repair or maintenance action required to return the ACM to an intact or undamaged state exceeds the definition of “small-scale-short-duration” work contained in LAC 33:III Chapter 27, the work must be conducted by person accredited and licensed by LDEQ in the appropriate ACM disciplines as described in the regulations contained in LAC 33:III Chapters 27 and 51.

If suspect ACM that was not identified during this asbestos inspection is encountered during abatement, renovation, or general maintenance activities, the suspect material should be sampled in order to determine asbestos content. Otherwise, it must be assumed to be ACM and treated/removed/disposed of in accordance with LDEQ regulations.

**Asbestos Inspector/Management Planner:**

Signature: 

Printed Name:

Richard Lo

State of Accreditation:

Louisiana

Accreditation Number(s):

JP192398

**Appendices**

**Appendix A: Photographs**

**Appendix B: Map**

**Appendix C: Chain of Custody Forms**

**Appendix D: Laboratory Results**

**Appendix E: Certifications and Accreditations**

## **Appendix A: Photographs**

Ellis Marsalis, Jr. School  
5625 Loyola Ave, New Orleans, LA 70115

MMG#: 4318TWS-02



**Photograph #1**

Sample: EM-BA-01, Red Fireproofing Silicone  
Location: 3<sup>rd</sup> FL Mechanical Room  
Result: No ACM Detected



**Photograph #2**

Sample: EM-BA-02, TSI 8" Pipe Insulation  
Location: Boiler Room  
Result: **6% Chrysotile**



**Photograph #3**

Sample: EM-BA-03, EM-BA-04, White Camo and  
Black Camo 12"x12" Floor Tile  
Location: Cafeteria  
Result: No ACM Detected



**Photograph #4**

Previously Identified ACM Rock Pattern 12" x 12" Floor Tile in Rooms 333 and 334 has been removed.



**Photograph #5**

Previously Identified ACM Black Mastic is confirmed present and intact.



**Photograph #6**

Previously Identified ACM 4" TSI Pipe Insulation in Rooms 321 and 318 confirmed still present and intact.



**Photograph #7**

Previously Identified ACM 3" TSI Pipe Insulation in Room 318 and 2<sup>nd</sup> FL Main Office has been removed.

**Ellis Marsalis, Jr. School  
5625 Loyola Ave., New Orleans, LA 70115**

**MMG#: 4318TWS-02**

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## **Appendix B: Maps**



Document Title:

ACM Sampling Maps for Ellis Marsalis, Jr. School

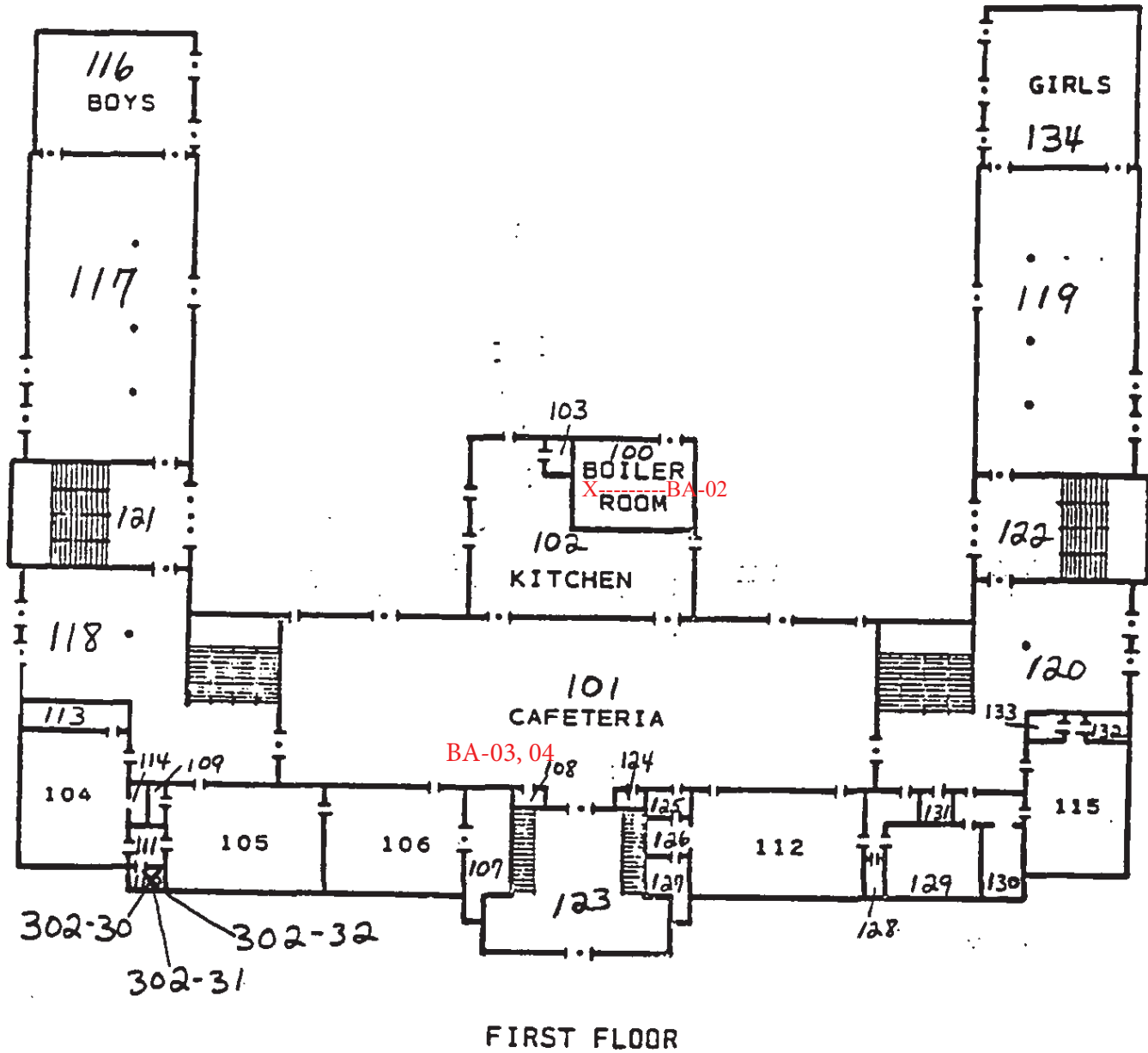
Date of ACM Inspection:

7/19/2023

Additional Notes:

X = Suspected ACM bulk materials sampling location

BA-# = Sample Number



Document Title:

ACM Sampling Maps for Ellis Marsalis, Jr. School

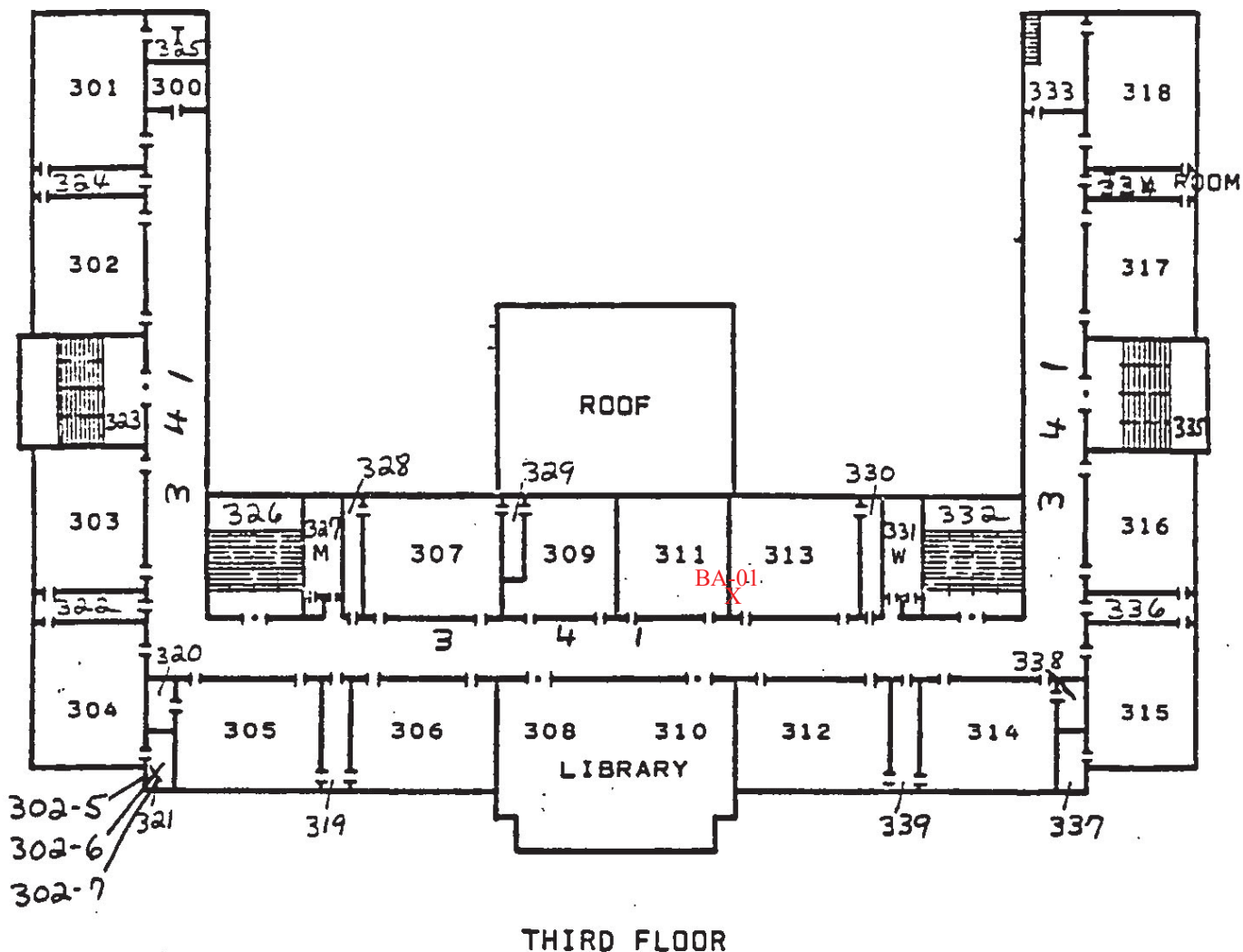
Date of ACM Inspection:

7/19/2023

Additional Notes:

X = ACM suspected bulk materials sampling location

BA-# = Sample Number



Document Title:

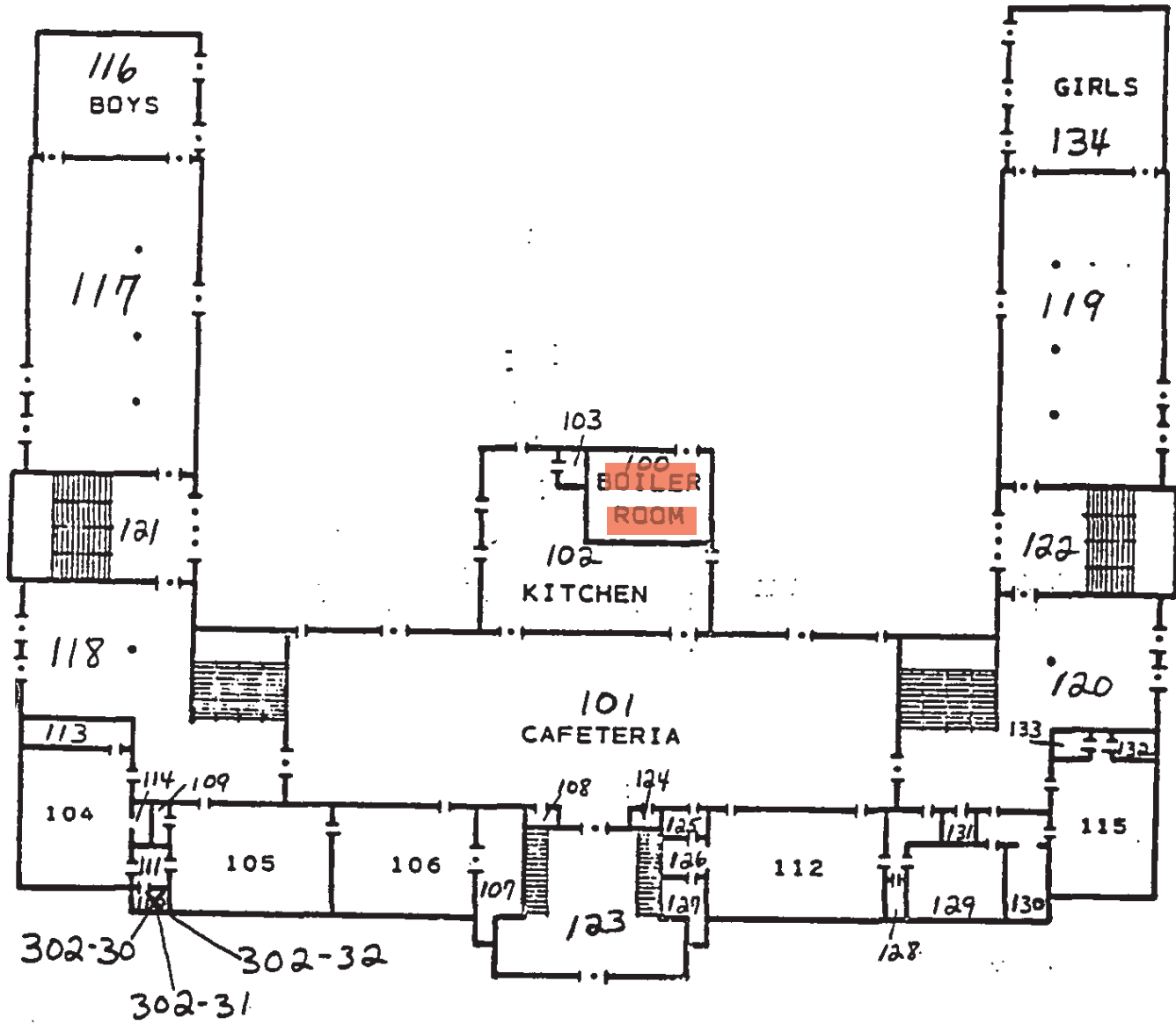
ACM Map- Ellis Marsalis, Jr. School

Date of ACM Inspection:

7/19/2023

ACM Components:

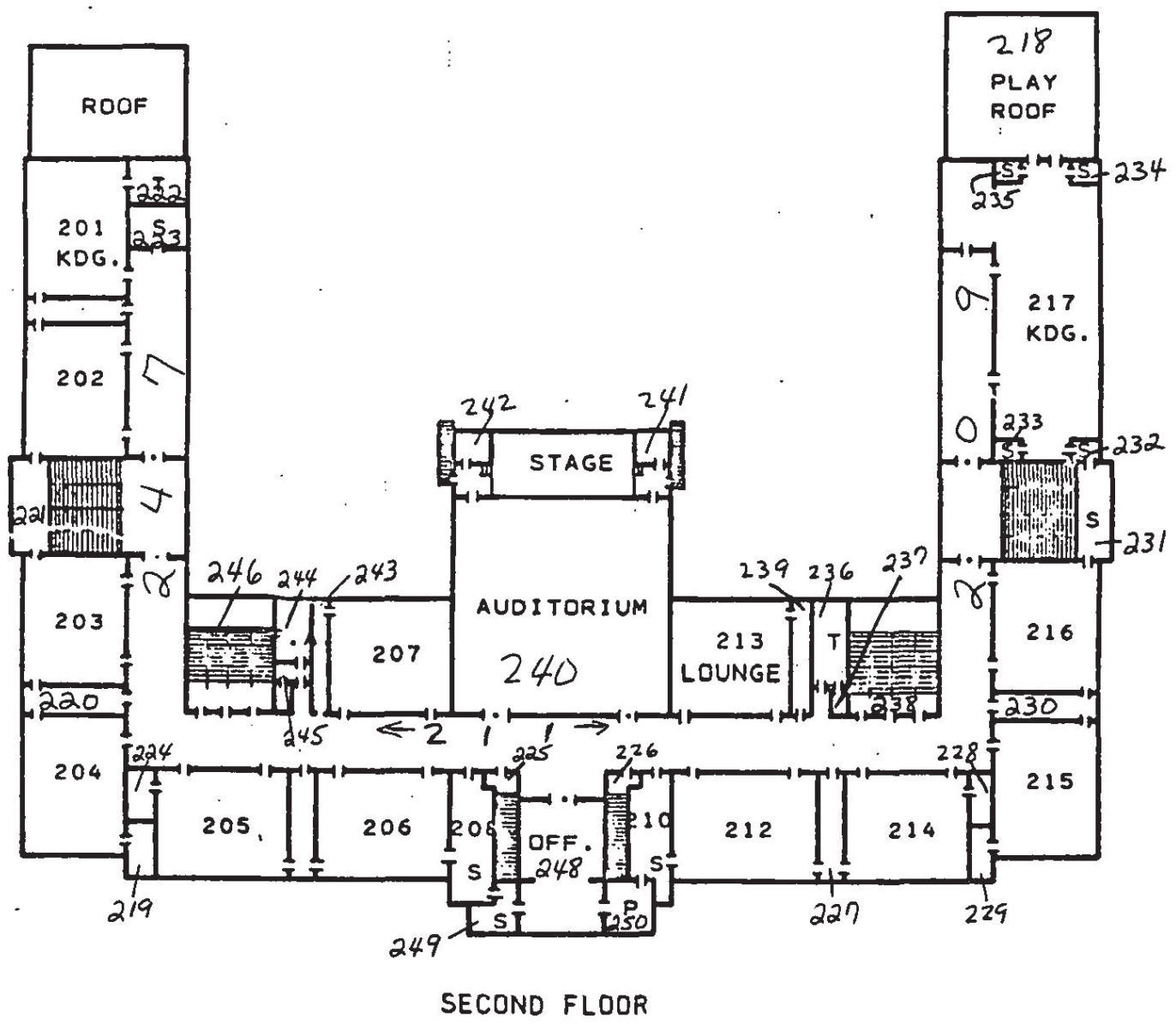
1) 8" TSI Pipe Insulation



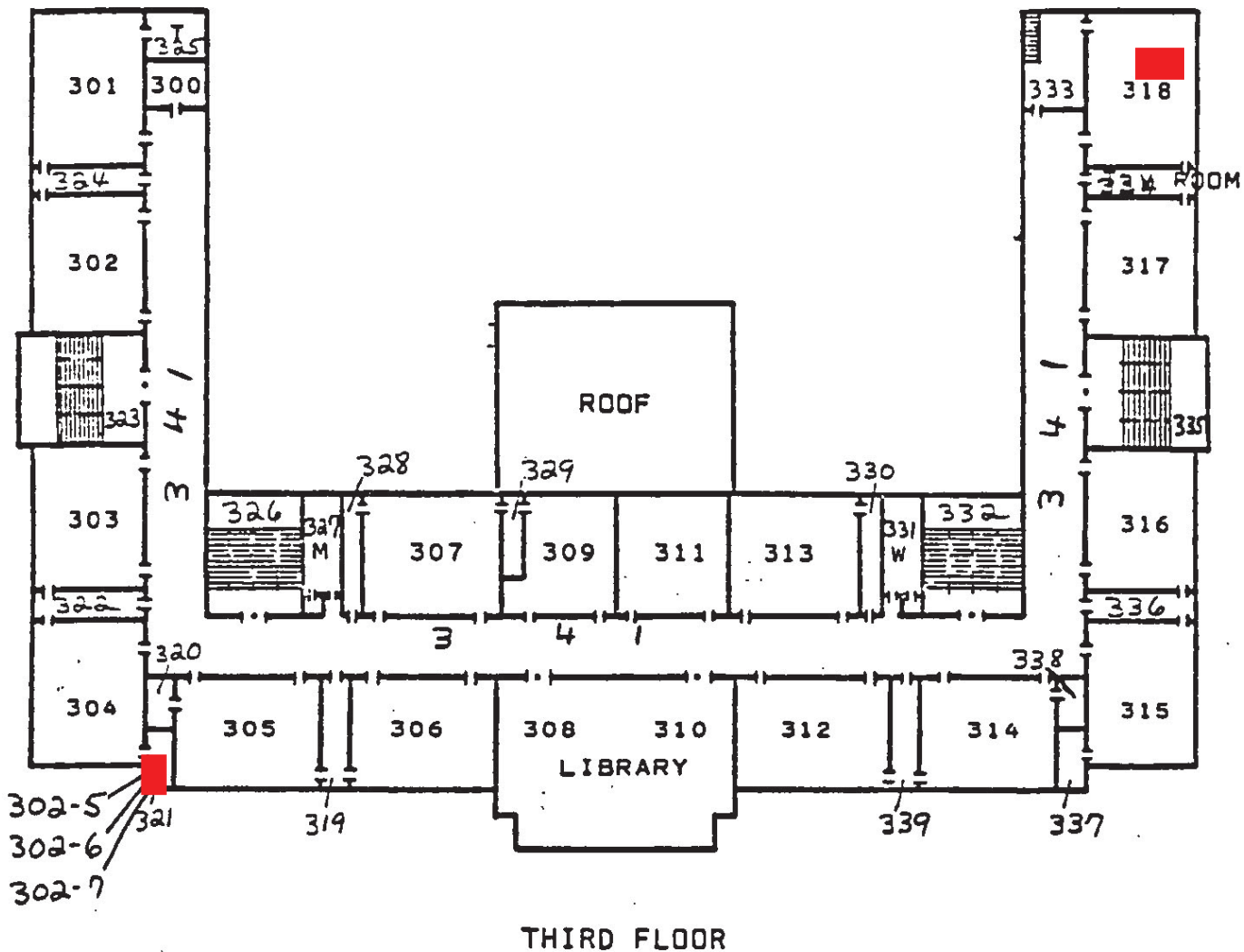
FIRST FLOOR

Document Title:  
Date of ACM Inspection:  
ACM Components:

ACM Map- Ellis Marsalis, Jr. School  
7/19/2023  
2) Mastic assumed under all VCT



Document Title: ACM Map- Ellis Marsalis, Jr. School  
Date of ACM Inspection: 7/19/2023  
ACM Components: 2) Mastic assumed under all VCT  
 3) 4" TSI Pipe Insulation



## **Appendix C: Chain of Custody Forms**



### Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
200 Route 130 North  
Cinnaminson, NJ 08077

EMSL ANALYTICAL, INC.  
TESTING LABS • PRODUCTS • TRAINING

3834

PHONE: (800) 220-3675  
EMAIL: [CinnAslab@EMSL.com](mailto:CinnAslab@EMSL.com)

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

<b>Customer Information</b> Customer ID: <b>MATM50</b> Company Name: <b>Materials Management Group, Inc.</b> Contact Name: <b>Mia Barrios</b> Street Address: <b>2401 Westbend Parkway, #3010</b> City, State, Zip: <b>New Orleans, LA 70114</b> Country: Phone: <b>504-368-0568</b> Email(s) for Report: <b>miab@mmgnola.com</b>	<b>Billing Information</b> Billing ID: <b>MATM50</b> Company Name: <b>Materials Management Group, Inc.</b> Billing Contact: <b>Mia Barrios</b> Street Address: <b>2401 Westbend Parkway, #3010</b> City, State, Zip: <b>New Orleans, LA 70114</b> Country: Phone: <b>504-368-0568</b> Email(s) for Invoice: <b>miab@mmgnola.com</b>
--	--

<b>Project Information</b>	
Project Name/No: <b>4381 TWS / <del>XXXXXXXXXXXX</del></b>	Purchase Order: <b>4381 TWS</b>
EMSL LIMS Project ID: (if applicable, EMSL will provide)	US State where samples collected: <b>LA</b> State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: <b>JUSTIN CROCHET</b>	Sampled By Signature: <i>[Signature]</i> No. of Samples in Shipment: <b>4</b>
Turn Around Time (TAT)	
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 4-6 Hour AHERA ONLY <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input checked="" type="checkbox"/> 32 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week	
TEM Air 3-6 Hour, please call ahead to schedule. 32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.	

<b>PCM Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> NIOSH 7400 w/ 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) <input type="checkbox"/> POINT COUNT <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%) POINT COUNT w/ GRAVIMETRIC <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NYS 198.1 (Friable - NY) <input type="checkbox"/> NYS 198.6 NOB (Non-Friable - NY) <input type="checkbox"/> NYS 198.8 (Vermiculite SM-V)	<b>Test Selection</b> <b>TEM - Air</b> <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 <b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (Non-Friable-NY) <input type="checkbox"/> TEM EPA 600/R-93/116 w Milling Prep (0.1%) <b>Other Test (please specify)</b>	<b>TEM - Settled Dust</b> <input type="checkbox"/> Microvac - ASTM D5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Qualitative via Filtration Prep <input type="checkbox"/> Qualitative via Drop Mount Prep <b>Soil - Rock - Vermiculite (reporting limit)*</b> <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep
*Please call with your project-specific requirements.		

Positive Stop - Clearly Identified Homogeneous Areas (HA) Filter Pore Size (Air Samples)  0.3um  0.45um

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
EM-BA-01	RED FIREPROOFING SILICONE		7-18-23
02	INSULATION		
03	WHITE CAMO 12x12		
04	BLACK CAMO 12x12		

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment: <b>FEDEX</b>	Sample Condition Upon Receipt:
Relinquished by: <b>MMG</b> Date/Time: <b>7-20-23 16:00</b>	Received by: <i>[Signature]</i> Date/Time: <b>7/21/23 @ 9:15 AM</b>
Relinquished by:	Received by:

Controlled Document - COC-05 Asbestos R16 10/26/2021  AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

(E) 7966 2598 4540  
3 of 3

**Section B**  
**Part IV**

**A. Laboratory and Analysis Information (LAC 33:III.2711)**

In accordance with **LAC 33:I.Chapter 45**, LELAP Accreditation is required by laboratories performing analysis. Attach a copy of the LELAP accreditation certificate behind Section B, Part III.

Attach a copy of the analyses of any bulk samples collected and analyzed. Place analyses report behind Section B, Part IV of the application. The Lab analysis **MUST** include the following:

- Name of Laboratory that analyzed the bulk samples;
- Address of Laboratory;
- Statement that Laboratory meets the requirements of **LAC 33:III.2711.A**;
- Date of Analysis;
- Name of person performing the analysis; and
- Signature of person performing the analysis.

**B. Assessment (LAC 33:III.2713)**

Within 30 days of the assessment, an accredited inspector shall provide a written assessment required by **LAC 33:III.2713** for **all** ACBM and suspected ACBM assumed to be ACM. Classification shall be given as indicated in **LAC 33:III.2713.B.1-7**, eg. indicate whether the ACM is damaged or significantly damaged thermal system insulation, damaged friable surfacing, etc. Write in space below or attach written statement behind Section B, Part IV.

Check if there is no ACM is in the building:  
See attached sections of July 2023 ACM Re-Inspection Report authored by MMG.

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Name of Louisiana Inspector Collecting Samples: Jeff Camus and Justin Crochet

Accredited Inspector's Signature:                                                             

Louisiana Accreditation No: JI182306 & JI184257                     

Date of Expiration: 6/21/2023



**Ellis Marsalis, Jr. School  
5625 Loyola Ave., New Orleans, LA 70115**

**MMG#: 4318TWS-02**

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## **Appendix D: Laboratory Results**



# EMSL Analytical, Inc.

18369 Petroleum Drive Baton Rouge, LA 70809  
Tel/Fax: (225) 755-1920 / (225) 755-1989  
<http://www.EMSL.com> / [batonrougelab@emsl.com](mailto:batonrougelab@emsl.com)

**EMSL Order:** 252303834  
**Customer ID:** MATM50  
**Customer PO:** 4381TWS  
**Project ID:**

**Attention:** Paul Lo  
MMG/Materials Management Group, Inc.  
2401 Westbend Parkway  
Suite 3010  
New Orleans, LA 70114  
**Project:** 4381TWS

**Phone:** (504) 368-0568  
**Fax:** (504) 368-8409  
**Received Date:** 07/21/2023 9:15 AM  
**Analysis Date:** 07/25/2023  
**Collected Date:** 07/18/2023

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
EM-BA-01 <small>252303834-0001</small>	RED FIREPROOFING SILICONE	Brown/White/Red Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
EM-BA-02 <small>252303834-0002</small>	INSULATION	White Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
EM-BA-03 <small>252303834-0003</small>	WHITE CAMO 12X12	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
EM-BA-04 <small>252303834-0004</small>	BLACK CAMO 12X12	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)  
Ericka Blackwell-Boyden (4)

*Martiana Beach*  
Martiana Beach, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Baton Rouge, LA NVLAP Lab Code 200375-0, LELAP 01950, TX 300238

Initial report from: 07/25/2023 12:52:38

**Ellis Marsalis, Jr. School  
5625 Loyola Ave., New Orleans, LA 70115**

**MMG#: 4318TWS-02**

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## **Appendix E: Certifications and Accreditations**

**STATE OF LOUISIANA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

certifies that

*Justin H Crochet*

Has complied with all requirements of the Louisiana Department of Environmental Quality  
and is authorized to perform the duties of

**Asbestos Inspector**

Accreditation No. J1184257

AI No. 184257

Date of Issuance June 21, 2023

Expiration June 21, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)  
may result in civil and/or criminal enforcement actions by the State.

*Charles Finley*

Permit Support Services Division  
Office of Environmental Services

LOUISIANA

**STATE OF LOUISIANA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

certifies that

*Jeffrey P Camus*

Has complied with all requirements of the Louisiana Department of Environmental Quality  
and is authorized to perform the duties of

**Asbestos Inspector**

Accreditation No. JI182306

AI No. 182306

Date of Issuance June 21, 2023

Expiration June 21, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)  
may result in civil and/or criminal enforcement actions by the State.

*Charles Finley*

Permit Support Services Division  
Office of Environmental Services

LOUISIANA



STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY



Is hereby granting a Louisiana Environmental Laboratory Accreditation to

**EMSL Analytical Inc**  
**18369 Petroleum Dr**  
**Baton Rouge, Louisiana 70809**

**Agency Interest No. 205208**  
**Activity No. ACC20220001**

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. Accreditation of the environmental laboratory does not imply that a product, process, system, or person is approved by LELAP. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Tonya Landry  
Administrator  
Public Participation and Permit Support Division

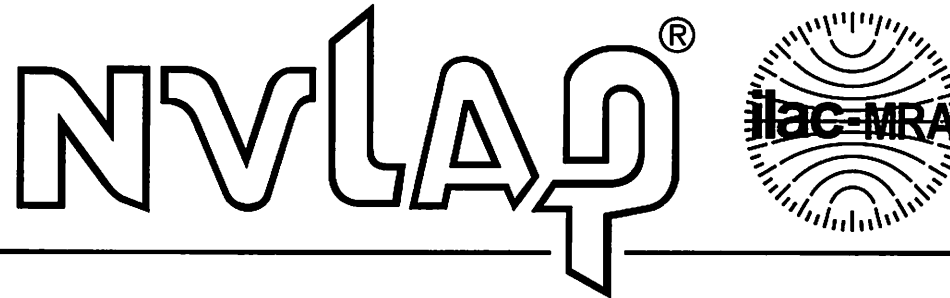
Issued Date: 6/28/2023

Effective Date: **July 1, 2023**

Expiration Date: **June 30, 2024**

Certificate Number: **01950**

United States Department of Commerce  
National Institute of Standards and Technology



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**Certificate of Accreditation to ISO/IEC 17025:2017**

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**NVLAP LAB CODE: 200375-0**

**EMSL Analytical, Inc.**  
Baton Rouge, LA

*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).*

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2023-01-01 through 2023-12-31

*Effective Dates*



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*For the National Voluntary Laboratory Accreditation Program*

## Section C

**DESIGNATED PERSON**  
**(LAC 33:III.2705.A.7 and 2705.A.8)**

Name of Designated Person:	
Address of Designated Person:	
Phone Number:	
Fax Number:	
E-mail of Designated Person:	

Attach copy of the training certificate received by the Designated Person from a recognized trainer. Place the certificate behind Section C. You may find a list of Training Providers that teach this course on the Asbestos Web page at <http://www.deq.louisiana.gov/portal/tabid/2883/Default.aspx>.

Course Name:	
Date of Training:	
Length of Training (hours):	
Training Organization:	
Instructor(s):	

Note: Training must be completed within 6 months of submitting the Management Plan to LDEQ.



## Section D


### RESPONSE ACTIONS

A. Attach recommendations made to the local education agency (LEA) regarding Response Actions under *LAC 33:III.2717*. Attach recommendations behind Section D.

Check if the building is **NOT** used for Educational purposes.

Check if there is no ACM in the building.

Name of Person Making Recommendation: Dr. Richard Lo

Recommendation Person's Signature: 

Louisiana DEQ Accreditation No: JP192398

Date of Expiration: 1/15/24

**Section D**

B. Provide the following written detailed description of preventive measures/response actions to be taken for any friable ACBM, including the following: **(LAC 33:III.2723.D.6)** Recordkeeping Requirements are to be maintained as part of the management plan **(LAC 33:III.2725)**

Methods to be used	
Location where measure or action will be taken	
Reason for selecting response action or preventive measure	
Beginning date	
Completion date	

**Document Title:** Management Planner's Recommendations

**Pertinent Regulation:** LAC 33:III.2723

**Summary:**

Per LAC 33:III Chapter 27, the friable TSI (4" and 8" TSI) in good condition and the non-friable ACM in good condition (black adhesive mastic) can be managed in place until such time as renovations on the homogeneous areas containing the ACM are conducted or until the condition, accessibility, and/or likelihood of damage to the ACM changes.

If any of the friable or non-friable ACM identified at the School and currently deemed to be in good condition becomes damaged, deteriorated, or altered in a way which might lead to a major or minor asbestos fiber release, an immediate response action by the local educational agency (LEA) is required. Acceptable response actions include isolation of the affected areas followed by encapsulation, enclosure, removal, or repair of the damaged ACM followed by the proper documentation of the any remaining ACM in the area. This documentation should then be included in both the School's ACM MP and the Operations and Maintenance (O&M) Plan.

**General Recommendations for Friable and Non-Friable ACM in Good Condition:**

- 1) The School's Designated Person (DP) shall ensure that all friable and non-friable ACM present at the School is surveyed at least once every six (6) months for changes in condition, accessibility, and friability. Any changes in condition, accessibility, or friability require an immediate response action on the part of the LEA; any major or minor asbestos fiber release, either from friable ACM or non-friable ACM which has become friable, require an immediate response on the part of the LEA.
- 2) In the event that the condition, accessibility, and/or friability of ACM identified at the School changes, the DP shall ensure that an immediate response action designed to limit potential exposure to airborne asbestos fibers is taken. Response actions which exceed the definition of "small-scale-short-duration" (SSSD) actions outlined in LAC 33:III.Chapter 27 must be conducted by appropriately trained and accredited personnel.
- 3) Appropriate response actions include:
  - i. Removal and disposal of the ACM conducted by appropriately trained and accredited personnel under the provisions outlined in LAC 33:III Chapter 51.
  - ii. Encapsulation of the ACM by treating it with a material that surrounds or embeds ACM fibers in an adhesive matrix.
  - iii. Repair of the resilient floor tile and mastic which returns the ACM to an undamaged condition or intact state.
- 4) Under no circumstances should any ACM be repaired, removed, or disturbed in a way that makes it friable or has the potential to cause a major or

minor fiber release. Prohibited actions may include, but are not limited to, sawing, grinding, sanding, high-speed buffing, or other dust-generating disturbance.

- 5) Upon completion of any response action, the DP shall retain such records as are necessary and add them to Section G of the asbestos management plan. These may include but are not limited to:
  - a. The date associated with the change in condition, accessibility, and/or friability of ACM.
  - b. The name, contact information, and training records of the person(s) who identified the change in condition, accessibility, and/or friability of the ACM.
  - c. A general description of the change in condition, accessibility, and/or friability of ACM.
  - d. The name(s), signature(s), and proof of accreditation of the LDEQ-accredited ACM personnel conducting the response action.
  - e. The condition, accessibility, and/or friability of any ACM remaining after the completion of the response action.
- 6) Due to the location, class, and condition of this ACM additional cleaning of areas containing it, as described in LAC 33:III.2719.C is not recommended or required under the terms outlined in LAC 33:III.Chapter 27.

## Section D

C. Provide a detailed description in the form of blueprint, diagram, or written location description of ACBM, or assumed ACM, that does or will remain after response action. Attachment, if any should be placed behind Section D. (*LAC 33:III.2723.D.8*)

Check if there is no ACM in the building.

D. The undersigned does hereby certify that he/she is accredited under the provision of Appendix A of *LAC 33:III.2799.Appendix A*. (This applies to the person who inspected for ACBM and who will design or carry out response action, except O & M). (*LAC 33:III.2723.D.7*)

Louisiana Accredited Inspector's Name: Jeff Camus & Justin Crochet

Inspector's Signature: \_\_\_\_\_  \_\_\_\_\_ 

Louisiana DEQ Accreditation No: JI182306 & JI184257\_\_\_\_

Date of Expiration: 6/21/24

Louisiana Accredited Project Designer's Name: \_\_\_\_\_

Project Designer's Signature: \_\_\_\_\_

Louisiana DEQ Accreditation No: \_\_\_\_\_

Date of Expiration: \_\_\_\_\_

Document Title:

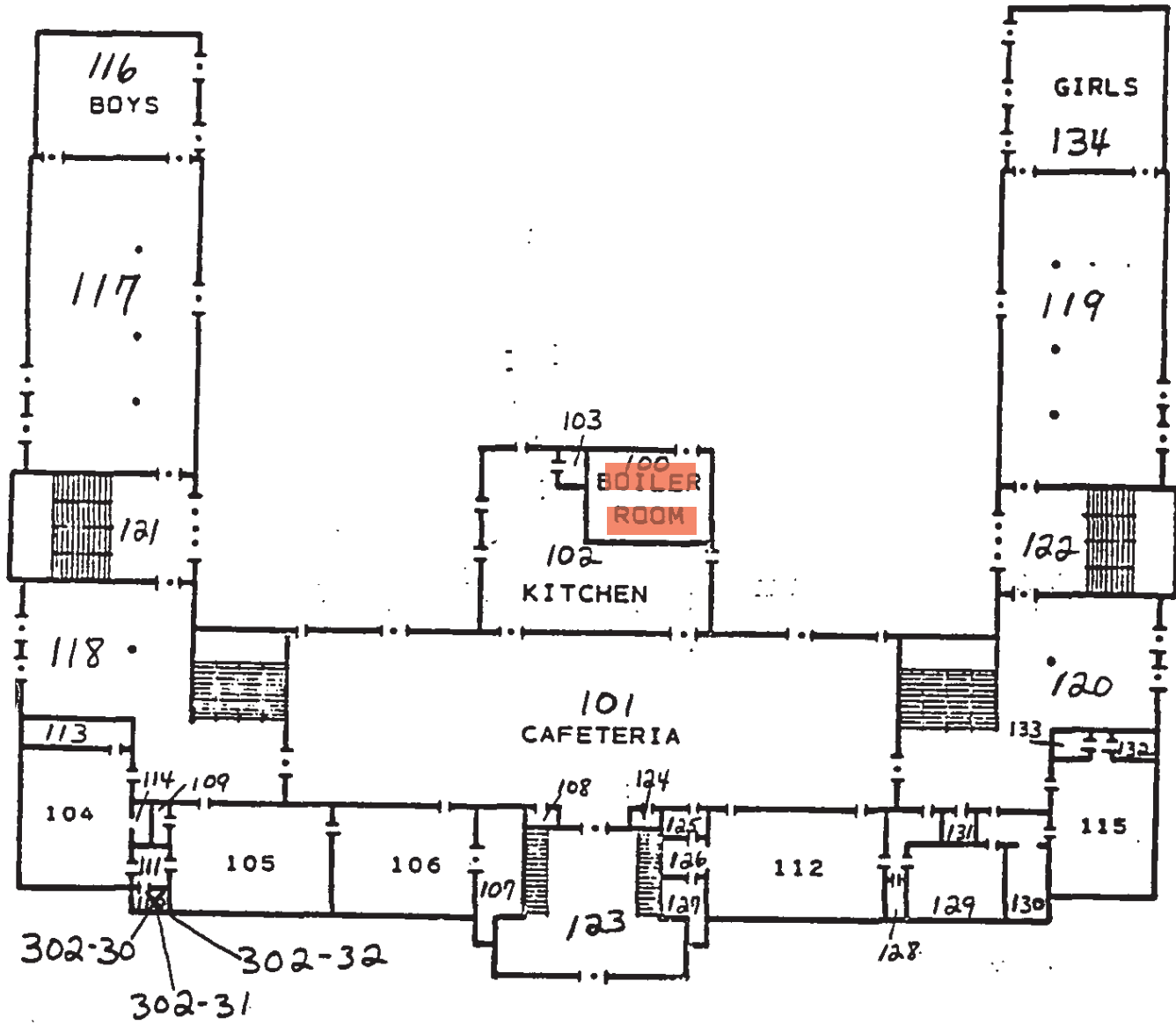
ACM Map- Ellis Marsalis, Jr. School

Date of ACM Inspection:

7/19/2023

ACM Components:

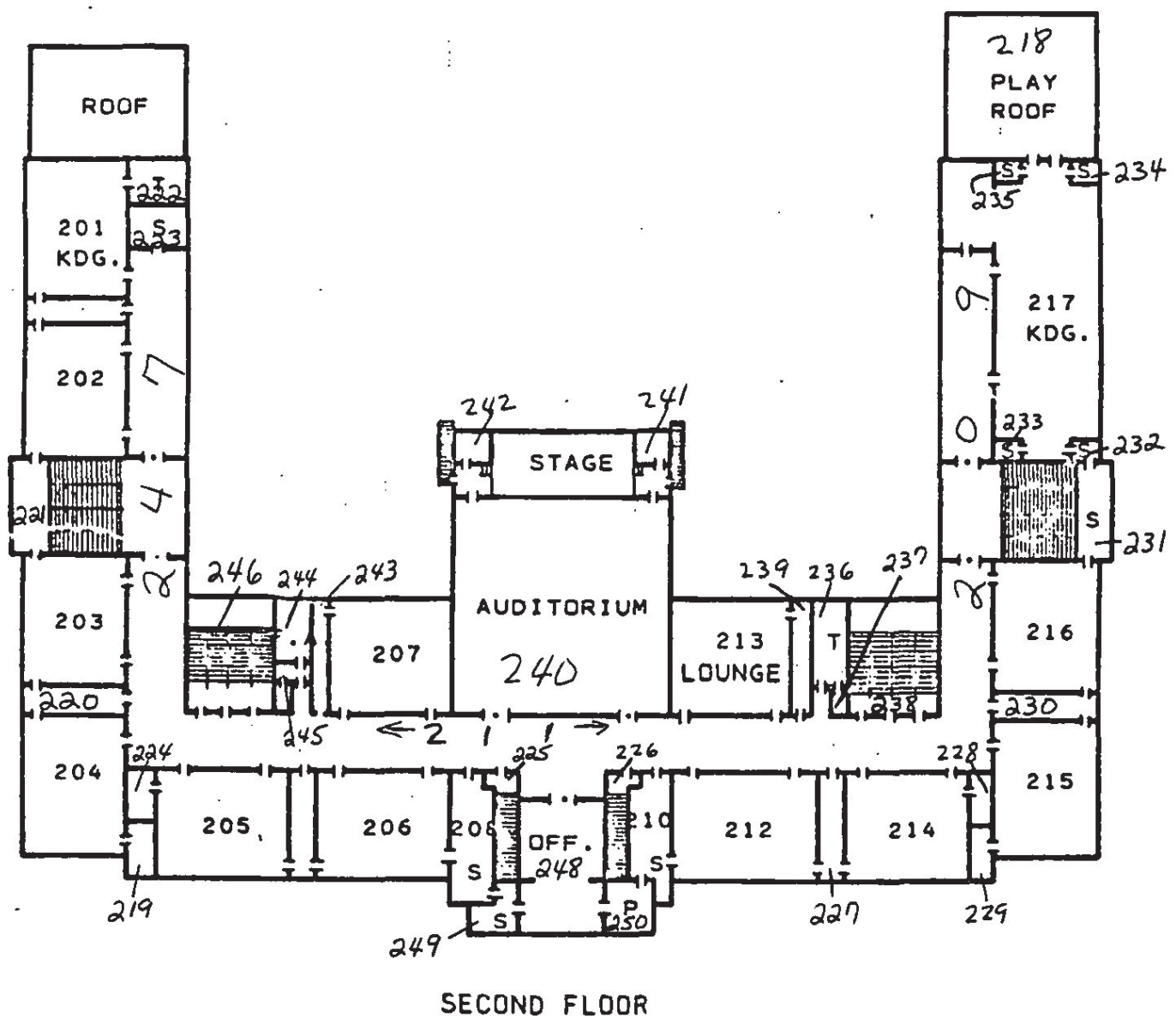
1) 8" TSI Pipe Insulation



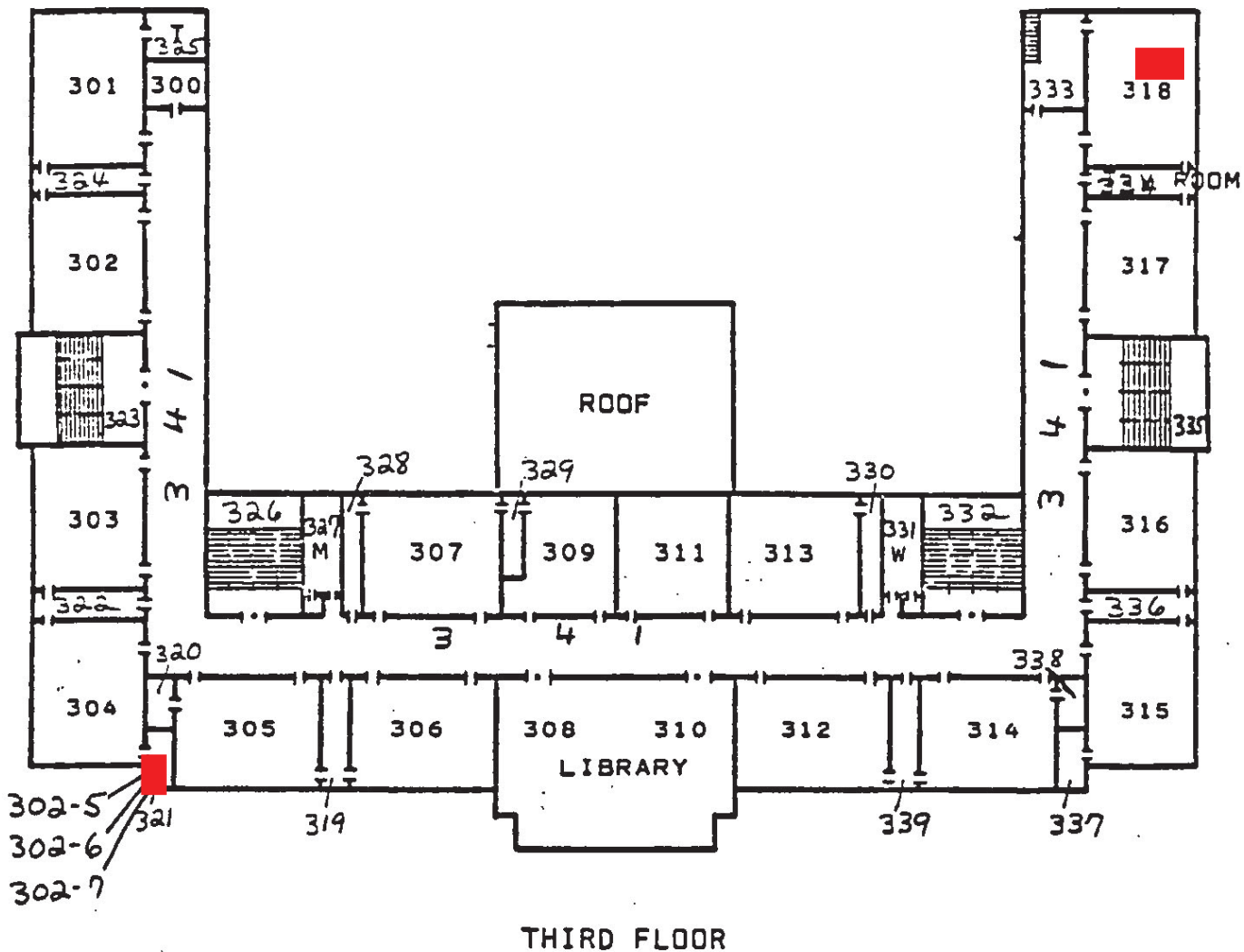
FIRST FLOOR

Document Title:  
Date of ACM Inspection:  
ACM Components:

ACM Map- Ellis Marsalis, Jr. School  
7/19/2023  
2) Mastic assumed under all VCT



Document Title: ACM Map- Ellis Marsalis, Jr. School  
Date of ACM Inspection: 7/19/2023  
ACM Components: 2) Mastic assumed under all VCT  
 3) 4" TSI Pipe Insulation





## Section E

### **ACTIVITY PLANS**

***(LAC 33:III.2723.D.9)***

Check if there is no ACM in the building.

If there is ACM in the building, attach the following:

- A. Attach a written plan for Re-inspection behind Section E (Required only for schools, including post graduate facilities, i.e. universities, etc. in accordance with ***LAC 33:III.2707***).
- B. Attach a written plan for Periodic Surveillance behind Section E (Required for all schools and state owned, leased, or otherwise used buildings ***LAC 33:III.2721.B***).
- C. Attach a copy of the Operations and Maintenance plan behind Section E. The O & M plan must be completed in accordance with ***LAC 33:III.2719***.
- D. Attach a copy of the Management Planner's recommendation regarding additional cleaning under ***LAC 33:III.2719.C.2*** as part of an operations, maintenance, and repair program.
- E. Attach a copy of the Response to the Management Planner's recommendation by the local education agency (LEA) or state government.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS  
1100 17th Street, N.W.  
Washington, D.C. 20036  
Tel: 202-289-1300

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**Section E, Subsection A: Re-Inspection Plan**

Ellis Marsalis, Jr. School  
5625 Loyola Ave.  
New Orleans, LA 70115

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**Document Title:** Re-Inspection Plan

**Frequency:** Every 3 years

**Pertinent Regulation:** LAC 33:III.2707

**Plan Summary:**

At least once every three (3) years after an ACM MP is in effect, each LEA shall conduct a re-inspection of all friable and non-friable known or assumed ACBM in each school building that they lease, own, or use for head start, pre-K programs, elementary, or secondary education. MMG conducted a 3-year re-inspection at Ellis Marsalis, Jr. School, 5626 Loyola Ave., New Orleans, LA 70115 in July 2023; the next 3-year re-inspection shall be due in July 2026.

**General Requirements:**

- 1) The **designated person (DP)** shall ensure that the LEA secures the services of a licensed and accredited ACM Inspector to conduct the ACM inspection at the School.
  - a. The **accredited ACM Inspector** shall:
    - i. Review previous inspection data in the School's ACM MP, compare to current on-site conditions, and correct for any changes.
    - ii. Review the ACM MP to ensure it meets the requirements of LAC 33:III.2723 and reflects current on-site conditions.
    - iii. Visually re-inspect and reassess the condition of all friable known or assumed ACBM.
    - iv. Inspect and touch materials previously considered non-friable to determine if they have become friable.
    - v. Identify any homogenous areas of material that has become friable.
    - vi. Collect bulk samples of materials, if necessary.
    - vii. Inspect, sample, analyze, and/or assess the condition of building materials that have been added to the school since the last inspection as required by law.
    - viii. Assess condition of newly friable materials.
    - ix. Reassess the condition of friable known or assumed ACBM previously identified.
- 2) Upon completion of the re-inspection, the accredited inspector shall record and submit to the DP copies of the following information for inclusion in the MP within 30 days:
  - a. The date of the re-inspection
  - b. The name, signature, and proof of accreditation of the ACM Inspector who conducted the re-inspection.

Ellis Marsalis, Jr. School  
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New Orleans, LA 70115

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- c. Any changes in the condition of known or assumed ACBM.
- d. A description of:
  - i. Sampling locations and a description of how sampling locations were chosen (if applicable)
  - ii. Signature and proof of accreditation of sampling inspector (if applicable)
  - iii. Any assessment or reassessment made of friable material

**Additional Resources:**

*Re-inspection of ACBM: Findings and Management Planner Recommendations Worksheet* included in Section E, Subsection A of the ACM MP.

**Re-Inspection of ACBM: Findings and Recommendations**

**School:** Ellis Marsalis, Jr. School **Building:** 5625 Loyola Avenue, New Orleans, LA 70115

**Date of Re-Inspection:** 7/19/2023

**Homogeneous Sampling Area/Material Description:**

- HA 01.2016 – Resilient Floor Tile on the 3<sup>rd</sup> Floor
- HA 02.2016 – Black adhesive mastic associated with resilient floor tile on the 2<sup>nd</sup> and 3<sup>rd</sup> Floors
- HA 3 – 4” Pipe Insulation: 3<sup>rd</sup> Floor Maintenance Closets
- HA 5 – 3” Pipe Insulation: 3<sup>rd</sup> Floor Maintenance Closet
- HA 01.2023 – 8” Pipe Insulation: Boiler Room

RE-INSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Location(s) & Description of Known ACBM	Quantity	Friability	Assessment Category (1-7)	Justification of Assessment Category	Change in Condition	Preventive measures, response actions, and initial/additional cleanings	Schedule	
							Begin	Complete
<u>HA 01.2016</u> – Resilient Floor Tile on the 3 <sup>rd</sup> Floor	0	F NF	NA	Abated	Yes No			
<u>HA 02.2016</u> – Black adhesive mastic associated with resilient floor tile on the 2 <sup>nd</sup> and 3 <sup>rd</sup> Floors	60,000 SF	F NF	5	Non-friable with the potential for damage	Yes No			
<u>HA 3</u> – 4” Pipe Insulation: 3 <sup>rd</sup> Floor Maintenance Closets	30 LNF	F NF	7	Friable with the potential for damage	Yes No			
<u>HA 5</u> – 3” Pipe Insulation: 3 <sup>rd</sup> Floor Maintenance Closet	0	F NF	NA	Abated	Yes No			

<u>HA 01.2023</u> – 8” Pipe Insulation Boiler Room	30 LNF	<input checked="" type="radio"/> F <input type="radio"/> NF	7	Friable with the potential for damage	<input type="radio"/> Yes <input checked="" type="radio"/> No			
<b>Were additional samples of this ACBM collected?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No						<b>Date of management planner review: 7/26/2023</b>		
<b>Inspector name</b> <u>Justin Crochet</u> <b>Accreditation #/ State</b> <u>J1184257/LA</u> <b>Expiration date</b> <u>6/21/2024</u>						<b>Management planner name</b> <u>Richard Lo</u> <b>Accreditation #/ State</b> <u>JP192398/LA</u> <b>Expiration date</b> <u>1/15/2024</u>		

**Ellis Marsalis, Jr. School  
5625 Loyola Ave.  
New Orleans, LA 70115**

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## **Section E, Subsection B: Periodic Surveillance Plan**

Ellis Marsalis, Jr. School  
5625 Loyola Ave.  
New Orleans, LA 70115

**Document Title:** Periodic Surveillance Plan

**Frequency:** Every 6 months

**Pertinent Regulation:** LAC 33:III.2721

**Plan Summary:**

At least once every six months after an ACM MP is in effect, each LEA will ensure that *periodic surveillance is conducted in each building that it leases, owns, or uses as a school that contains ACBM or is assumed to contain ACBM*. MMG conducted a 3-year re-inspection at Ellis Marsalis, Jr. School, 5625 Loyola Ave., New Orleans, LA 70115 in July 2023; the first 6-month periodic inspection at the School is due in January 2024.

**General Requirements:**

- 1) The **designated person (DP)** shall ensure that periodic surveillance, conducted by a person with sufficient training and who is sufficiently familiar with the School's ACM MP, is performed in all buildings associated with the School that contain or are assumed to contain ACBM.
  - a. Each **person conducting periodic surveillance** shall:
    - i. Visually inspect all areas in each school building that are identified in the ACM MP as containing ACBM or assumed ACBM.
    - ii. Visually inspect all materials that have been previously identified to contain asbestos or assumed to contain asbestos and document any changes in the physical condition of those materials.
    - iii. Record his or her name, the date of the inspection, and any changes in material condition on the "Periodic Surveillance Form."
- 2) Upon completion of the periodic surveillance, the person conducting periodic surveillance shall record and submit to the DP the "Periodic Surveillance Form" for inclusion in the MP within 30 days:

**Additional Notes:**

The law does not require that periodic surveillance is conducted by an accredited ACM Inspector and/or Management Planner, although the LEA is encouraged to engage one for this purpose. Periodic surveillance can be conducted by a person of the LEA's choosing who has sufficient training and is sufficiently familiar with the School's ACM MP to be aware of and adequately document changes to known and suspected ACBM.

**Additional Resources:**

The *Periodic Surveillance Form* included in Section E, Subsection B of the ACM MP.



## Periodic Surveillance Form

**Six Month Surveillance Requirements:**

1. A visual inspection of all areas that are indentified in the ACM MP as ACBM or assumed ACBM.
2. The date the surveillance was completed, the name and signature of the person conducting the surveillance, and any changes in the condition of the ACBM or assumed ACBM surveyed.
3. A copy of the completed surveillance record must be submitted to the ACM DP for inclusion in the ACM MP.

**Date of Periodic Surveillance:** \_\_\_\_\_

**Building Name:** Ellis Marsalis, Jr. School

**Address:** 5625 Loyola Ave. New Orleans, LA 70115

**Name of Person Conducting Periodic Surveillance:** \_\_\_\_\_

**Description of area(s) covered by periodic surveillance:**

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**Previous condition of ACBM as recorded in ACM MP:**

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**Changes in condition of ACM since last inspection or periodic survey:**

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**Additional Notes:**

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**Signature of Person Completing the Periodic Surveillance**

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**Title of Person Completing the Report**

**Ellis Marsalis, Jr. School  
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New Orleans, LA 70115**

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**Section E, Subsection C: Operations & Maintenance Plan**

## **Operations and Maintenance Plan**

The term "building owner" is meant to include the following person or agents as applicable: Local Education Agency (LEA) or LEA Designated Person; Louisiana State Public Building Authority (LSPBA) or LSPBA Designated Person; Building or Facility Owner or Authorized Agent or Responsible Person.

### **Applicability**

The Building Owner shall implement an Operations, Maintenance, and Repair Program (O&M) under this section whenever any Friable ACBM is present or assumed to be present in a building that it leases, owns, or otherwise uses. Any material identified as non-friable ACBM or non-friable assumed ACBM must be treated as friable ACBM for purposes of this section when the material is about to become friable as a result of activities performed in the building.

### **Worker Protection**

The protection provided by EPA at 40 CFR 763.121 for worker protection during asbestos abatement projects is extended to employees of the "building owner" who performed operations, maintenance, and repair (OM) activities involving ACBM and who are not covered by the ASHA Asbestos Construction Standard at 29 CFR 1926.58 or an asbestos worker approved by OSHA under Section 19 of the Occupational Safety and Health Act. The "building owner" may reference Appendix "B" of this subpart if their employees are performing operations, maintenance, and repair activities that are small-scale, short duration.

### **Cleaning-Initial Cleaning**

Unless the building has been cleaned using equivalent methods within the previous six (6) months, all areas of a building where friable ACBM, damaged or significantly damaged thermal system insulation ACBM, or friable suspected ACBM assumed to be ACM are present shall be cleaned at least once after the completion of the inspection required by Section 763.85 (a) and before the initiation of any response action other than O&M activities or repair, according to the following procedures:

1. HEPA-vacuum or steam-clean all carpets.
2. HEPA-vacuum or wet-clean all other floors and all other horizontal surfaces.
3. Dispose of all debris, filters, mop heads, and clothes in sealed, leak-tight containers.

### **Cleaning- Additional Cleaning**

The accredited Management Planner shall make a written recommendation to the Building Owner whether additional cleaning is needed, and if so, the methods and frequency of such cleaning.

### **Operations and Maintenance Activities**

The Building Owner shall ensure that the procedure described below to protect building occupants shall be followed for an operations and maintenance activities disturbing friable ACBM:

1. Restrict entry into area by persons other than those necessary to perform the maintenance project, either by physically isolating the area or by scheduling.
2. Post signs to prevent entry by unauthorized persons.
3. Shut off or temporarily modify the air-handling system and restrict other sources of air movement.
4. Use work practices or other controls such as wet-methods, protective clothing, HEPA-vacuums, mini-enclosures, or glove bags, as necessary to inhibit the spread of any released fibers.
5. Clean all fixtures or other components in the immediate work area.
6. Place the asbestos debris and other cleaning materials in a sealed, leak-tight container.

### **Maintenance Activities Other Than Small-Scale, Short Duration**

The response action for any maintenance activities disturbed friable ACBM, other than small-scale, short duration maintenance activities, shall be designed by persons accredited to design response actions and conducted by persons accredited to conduct response actions.

### **Fiber Release Episodes- Minor Fiber Release**

The Building owner shall ensure that the procedures described below are followed in the event of a minor fiber release episode (i.e. the falling or dislodging of three square or lineal feet or less friable ACBM):

1. Thoroughly saturate the debris using wet-methods
2. Clean the area as described in paragraph (e) of this section
3. Place the asbestos debris in a seal, leak-tight container
4. Repair the area of damaged ACM with materials such as: asbestos-free spackling, plaster, cement, or insulation. The damaged area can be sealed with latex paint or an encapsulate, or immediately have the appropriate response action implemented as required by Section 2719.F.

### **Fiber Release Episodes- Major Fiber Release Episodes**

The Building Owner shall ensure that the procedures described below are followed in the event of a major fiber release (i.e. the falling or dislodging of three square or lineal feet or less of friable ACBM):

1. Restrict entry into the area and post signs to prevent entry into the area by persons other than those necessary to perform the response action
2. Shut off or temporarily modify the air-handling system to prevent the distribution of fibers to other areas of the area or building.
3. The response action for any major fiber release episode must be designated by persons accredited to design response actions and conducted by persons accredited to conduct response actions.

### **Training of Custodial and Maintenance Workers**

Before implementing the operations, maintenance, and repair provisions of the Management Plan, all members of the maintenance and custodial staff who may work in a building that contains ACBM, must receive at least two (2) hours of General Awareness Training, regardless of whether or not they are required to work with ACBM.

### **Providing Information Regarding the Location of ACBM to Short-Term Workers**

Information regarding the location of all ACBM and assumed ACBM must be provided to short-term workers, such as telephone repairmen or building repair contractors, before they start work in the area or building.

### **Survey and Testing Limitations**

All surveys and testing methodologies have limitations which must be understood in order to make proper use of the information in the survey report. This report is based on the requirement of AHERA regulation and LAC III Charter 27. However, there are many items not specifically addressed under AHERA that the RSD may have to consider in order to meet other regulations or property protect its employees and contractors. The items listed below are examples of known limitations:

1. No exterior materials are covered under AHERA with exception of soffits under covered walkways. This specifically included all roofing materials, exterior facings such as cement boards, or cooling tower components.
2. Interior components of equipment are not included. This includes boilers, tanks, exhaust hoods, fire doors, or refrigeration equipment, etc. that must be disassembled to sample interior parts, fall into this category.
3. Furnishings and other non-building materials are not included. Draperies, curtains, fire cabinets, laboratory equipment, etc.

4. Small areas of patching materials are miscellaneous materials such as ceiling or floor tiles may not have been tested. Before these materials are disturbed, the report should be reviewed to determine not only that the material is not declared an ACM, but also to verify that it was checked and shown not to contain asbestos.

### **Response Action Resources**

The Designated Person will be notified whenever custodial personnel discover asbestos containing materials appear to be damaged. The area will be secured and professional asbestos workers will be employed to handle the situation. The LEA has retained an environmental consulting firm who has LDEQ Certified Asbestos Contractor Supervisors, Inspectors, and a Management Planner on staff and the school has retained an LDEQ Certified Designer.

**Ellis Marsalis, Jr. School  
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**Section E, Subsection D:  
Management Planner's Recommendations to the LEA**



**Document Title:** Management Planner's Recommendations

**Pertinent Regulation:** LAC 33:III.2723

**Summary:**

Per LAC 33:III Chapter 27, the friable TSI (4" and 8" TSI) in good condition and the non-friable ACM in good condition (black adhesive mastic) can be managed in place until such time as renovations on the homogeneous areas containing the ACM are conducted or until the condition, accessibility, and/or likelihood of damage to the ACM changes.

If any of the friable or non-friable ACM identified at the School and currently deemed to be in good condition becomes damaged, deteriorated, or altered in a way which might lead to a major or minor asbestos fiber release, an immediate response action by the local educational agency (LEA) is required. Acceptable response actions include isolation of the affected areas followed by encapsulation, enclosure, removal, or repair of the damaged ACM followed by the proper documentation of the any remaining ACM in the area. This documentation should then be included in both the School's ACM MP and the Operations and Maintenance (O&M) Plan.

**General Recommendations for Friable and Non-Friable ACM in Good Condition:**

- 1) The School's Designated Person (DP) shall ensure that all friable and non-friable ACM present at the School is surveyed at least once every six (6) months for changes in condition, accessibility, and friability. Any changes in condition, accessibility, or friability require an immediate response action on the part of the LEA; any major or minor asbestos fiber release, either from friable ACM or non-friable ACM which has become friable, require an immediate response on the part of the LEA.
- 2) In the event that the condition, accessibility, and/or friability of ACM identified at the School changes, the DP shall ensure that an immediate response action designed to limit potential exposure to airborne asbestos fibers is taken. Response actions which exceed the definition of "small-scale-short-duration" (SSSD) actions outlined in LAC 33:III.Chapter 27 must be conducted by appropriately trained and accredited personnel.
- 3) Appropriate response actions include:
  - i. Removal and disposal of the ACM conducted by appropriately trained and accredited personnel under the provisions outlined in LAC 33:III Chapter 51.
  - ii. Encapsulation of the ACM by treating it with a material that surrounds or embeds ACM fibers in an adhesive matrix.
  - iii. Repair of the resilient floor tile and mastic which returns the ACM to an undamaged condition or intact state.
- 4) Under no circumstances should any ACM be repaired, removed, or disturbed in a way that makes it friable or has the potential to cause a major or

minor fiber release. Prohibited actions may include, but are not limited to, sawing, grinding, sanding, high-speed buffing, or other dust-generating disturbance.

- 5) Upon completion of any response action, the DP shall retain such records as are necessary and add them to Section G of the asbestos management plan. These may include but are not limited to:
  - a. The date associated with the change in condition, accessibility, and/or friability of ACM.
  - b. The name, contact information, and training records of the person(s) who identified the change in condition, accessibility, and/or friability of the ACM.
  - c. A general description of the change in condition, accessibility, and/or friability of ACM.
  - d. The name(s), signature(s), and proof of accreditation of the LDEQ-accredited ACM personnel conducting the response action.
  - e. The condition, accessibility, and/or friability of any ACM remaining after the completion of the response action.
- 6) Due to the location, class, and condition of this ACM additional cleaning of areas containing it, as described in LAC 33:III.2719.C is not recommended or required under the terms outlined in LAC 33:III.Chapter 27.

**Ellis Marsalis, Jr. School  
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New Orleans, LA 70115**

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**Section E, Subsection E:  
LEA's Response to the Management Planner's  
Recommendations**

**Document Title:** Management Planner's Recommendations

**Pertinent Regulation:** LAC 33:III.2723

**Summary:**

Per LAC 33:III Chapter 27, the friable TSI (4" and 8" TSI) in good condition and the non-friable ACM in good condition (black adhesive mastic) can be managed in place until such time as renovations on the homogeneous areas containing the ACM are conducted or until the condition, accessibility, and/or likelihood of damage to the ACM changes.

If any of the friable or non-friable ACM identified at the School and currently deemed to be in good condition becomes damaged, deteriorated, or altered in a way which might lead to a major or minor asbestos fiber release, an immediate response action by the local educational agency (LEA) is required. Acceptable response actions include isolation of the affected areas followed by encapsulation, enclosure, removal, or repair of the damaged ACM followed by the proper documentation of the any remaining ACM in the area. This documentation should then be included in both the School's ACM MP and the Operations and Maintenance (O&M) Plan.

**General Recommendations for Friable and Non-Friable ACM in Good Condition:**

- 1) The School's Designated Person (DP) shall ensure that all friable and non-friable ACM present at the School is surveyed at least once every six (6) months for changes in condition, accessibility, and friability. Any changes in condition, accessibility, or friability require an immediate response action on the part of the LEA; any major or minor asbestos fiber release, either from friable ACM or non-friable ACM which has become friable, require an immediate response on the part of the LEA.
- 2) In the event that the condition, accessibility, and/or friability of ACM identified at the School changes, the DP shall ensure that an immediate response action designed to limit potential exposure to airborne asbestos fibers is taken. Response actions which exceed the definition of "small-scale-short-duration" (SSSD) actions outlined in LAC 33:III.Chapter 27 must be conducted by appropriately trained and accredited personnel.
- 3) Appropriate response actions include:
  - i. Removal and disposal of the ACM conducted by appropriately trained and accredited personnel under the provisions outlined in LAC 33:III Chapter 51.
  - ii. Encapsulation of the ACM by treating it with a material that surrounds or embeds ACM fibers in an adhesive matrix.
  - iii. Repair of the resilient floor tile and mastic which returns the ACM to an undamaged condition or intact state.
- 4) Under no circumstances should any ACM be repaired, removed, or disturbed in a way that makes it friable or has the potential to cause a major or

minor fiber release. Prohibited actions may include, but are not limited to, sawing, grinding, sanding, high-speed buffing, or other dust-generating disturbance.

- 5) Upon completion of any response action, the DP shall retain such records as are necessary and add them to Section G of the asbestos management plan. These may include but are not limited to:
- a.** The date associated with the change in condition, accessibility, and/or friability of ACM.
  - b.** The name, contact information, and training records of the person(s) who identified the change in condition, accessibility, and/or friability of the ACM.
  - c.** A general description of the change in condition, accessibility, and/or friability of ACM.
  - d.** The name(s), signature(s), and proof of accreditation of the LDEQ-accredited ACM personnel conducting the response action.
  - e.** The condition, accessibility, and/or friability of any ACM remaining after the completion of the response action.
- 6) Due to the location, class, and condition of this ACM additional cleaning of areas containing it, as described in LAC 33:III.2719.C is not recommended or required under the terms outlined in LAC 33:III.Chapter 27.

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Designated Person's  
Signature

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Designated Person's Printed  
Name

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Date

## **Section F**

### **NOTIFICATIONS AND RESOURCES EVALUATION**

Attach the following behind Section F:

#### **NOTIFICATION**

Attach a copy of the notification letter sent to parents, teachers, and employees concerning the availability of the Management Plan, including any response actions or activities that took place. Attach behind Section F. (*LAC 33:III.2723.F and LAC 33:III.2723.D.10*)

#### **RESOURCES EVALUATION**

Attach an evaluation of resources needed to complete response actions successfully and carry out re-inspection(s), operations and maintenance activities, periodic surveillance, and training. Attach behind Section F. (*LAC 33:III.2723.D.11*)

Ellis Marsalis, Jr. School  
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**Document Title:** Evaluation of Resources

**Pertinent Regulation:** LAC 33:III.2723.D.11

**Summary:**

Per LAC 33:III.2723.D.11, the ACM MP should include “an evaluation of resources needed to complete response actions successfully and carry out re-inspection(s), operations and maintenance activities, period surveillance, and training.” This document includes a brief summary of the personnel, equipment, and/or professional expertise required for each of the aforementioned activities. This document is for reference only; *always consult and/or engage the appropriate LDEQ-accredited individuals required for response action design, inspection, re-inspection, and/or ACM abatement work.*

**General Requirements:**

- 1) **Resources required when conducting an ACM response action:**
  - i. The ACM MP – in order to make an initial determination as to the type, condition, and friability of the ACM in question and inform any decision(s) as to what type of response action is appropriate.
  - ii. The ACM DP – to engage the necessary response personnel and collect appropriate documentation of the response action for inclusion into the ACM MP.
  - iii. An LDEQ-Accredited ACM Inspector – if additional bulk materials sampling is required.
  - iv. An LDEQ-Accredited ACM Project Designer – if the ACM response action in questions exceeds the LDEQ designation of “small-scale-short-duration,” will disturb friable ACM in excess of the quantities outlined in LAC 33.III.Chapter 51, or will generate asbestos-containing debris (ACD) or recognized asbestos containing material (RACM) in quantities that requires disposal in a specialized landfill.
  - v. An LDEQ-Accredited ACM Contractor/Supervisor – to perform response action work, take asbestos air samples (if necessary), and properly dispose of ACD or RACM after the completion of the response action or abatement work.
  - vi. Sufficient funds to cover the cost of required personnel, abatement and disposal work, and any required deliverables (reports, maps, etc.).
- 2) **Resources required to conduct inspections or re-inspections:**
  - i. The ACM MP – to refer to or update, as applicable.
  - ii. The ACM DP – to engage the appropriate LDEQ-accredited personnel.

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- iii. An LDEQ-accredited ACM Inspector – to perform the inspection, take bulk materials samples (if necessary), and generate the required deliverables.
  - iv. Sufficient funds to cover the cost of inspection and deliverables.
- 3) **Resources required for operations and maintenance (O&M) activities:**
- i. The ACM MP – for reference.
  - ii. The ACM DP – to coordinate, oversee, and document O&M activities for inclusion into the ACM MP, as applicable.
  - iii. Appropriate personnel - to conduct O&M activities.
  - iv. Sufficient funds to cover the cost of O&M activities including materials, salaries, incidentals etc.
- 4) **Resources required to conduct periodic surveillance:**
- i. The ACM MP – for reference.
  - ii. The ACM DP – to coordinate, oversee, and document periodic surveillance for inclusion into the ACM MP.
  - iii. Appropriate personnel - to conduct periodic surveillance.
  - iv. Sufficient funds to cover the cost of periodic surveillance including materials, personnel salaries, incidentals etc.
- 5) **Resources required to conduct training:**
- i. The ACM MP – for reference.
  - ii. The ACM DP - to coordinate, oversee, and document training and certification activities for inclusion into the ACM MP, as necessary.
  - iii. Outside or contract resources - including state agencies, environmental consulting firms, or other third-party entities qualified to offer custodial and other personnel training.
  - iv. Sufficient funds to cover the cost of training within the period specified by LAC 33:III.Chapter 27 (within 60 days of date-of-hire for custodial staff).


**Additional Notes:**

Monetary costs to the LEA may vary greatly by activity, scope of work, and type of personnel required; the LEA is encouraged to do adequate research into the average costs, work practices, personnel, and accreditations of any and all firms employed to perform or administrate any of the work covered by this resource evaluation. Remember, any and all work performed on or affecting ACM at the School by *any person* must be documented and that documentation must be included in the appropriate section of the ACM MP. This may include documentation of abatement and/or waste disposal costs. This also includes documentation of training events and certification classes as well as contract and/or abatement work performed by an outside firm. Maintaining an up-to-date ACM MP on site is the primary responsibility of the School's ACM DP.



**MANAGEMENT PLAN CONTRIBUTORS**

A. List the accredited management planner and all other consultants who contributed to the Management Plan. Attach Louisiana accreditation certificate for current asbestos management planner behind Section F. (LAC 33:III.2723.D.12)

Name	Accreditation No.	Expiration Date	Signature	Email address
Dr. Richard Lo	JP192398	1/15/24		richardl@mmgnola.com

**STATE OF LOUISIANA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**

certifies that

*Richard C Lo*

Has complied with all requirements of the Louisiana Department of Environmental Quality  
and is authorized to perform the duties of

**Asbestos Management Planner**

Accreditation No. JP192398

AI No. 192398

Date of Issuance November 22, 2022

Expiration January 15, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)  
may result in civil and/or criminal enforcement actions by the State.

*Charles Finley*

Permit Support Services Division  
Office of Environmental Services

LOUISIANA

**B. THIRD PARTY ASBESTOS MANAGEMENT PLAN REVIEWER** (optional)

A local education agency or the responsible party for the state building may require each management plan to contain a statement signed by a third party accredited management planner as a reviewer to the current accredited management planner, that such person has prepared or assisted in the preparation of such plan or has reviewed such plan, and that such plan is in compliance with **LAC 33:III.Chapter 27. (LAC 33:III.2723.E)**

- Statement is Required by LEA or State
- Statement is NOT Required by LEA or State

The undersigned does hereby certify that they have reviewed the management plan and testify that the plan complies with **LAC 33:III.2723** of the Louisiana Air Quality regulations. (Statement may NOT be signed by a person who, in addition to preparing or assisting in preparing the Management Plan, also implements or will implement the Management Plan). If signed, attach copy of current management planner accreditation certificate behind Section F. (**optional as part of LAC 33:III.2723.E**)

Name of Louisiana Accredited Reviewing Management Planner: \_\_\_\_\_  
Reviewing Management Planner Signature: \_\_\_\_\_  
Louisiana DEQ Accreditation No: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

**Section G**  
**Part I**

**RECORDKEEPING**

**PREVENTATIVE MEASURES/ RESPONSE ACTIONS**

For each preventative measure and response action performed after December 14, 1987, the local education agency or responsible party for the state building shall provide the following information:

- A. A detailed written description of the action taken. The description should include the following information. Attach behind Section G, Part I. (*LAC 33:III.2725.B.1*)
- Methods Used
  - Location of Measure or Action
  - Reason for Selection of Action
  - Names and Addresses of all Contractors Involved
  - Louisiana Accreditation Number of Contractor/Supervisor(s)
  - Storage or Disposal Site if ACM was Removed

B. The name and signature of any person collecting air samples required at the completion of response actions. (*LAC 33:III.2725.B.2*) Note that the person conducting air monitoring must be LDEQ accredited as an asbestos Contractor/Supervisor.

Name	Accreditation No	Expiration Date	Signature

C. A written description of the locations where samples were collected. The following information should be included in the description. Attach behind Section G, Part I. (**LAC 33:III.2725.B.2**) Note that the laboratory conducting analysis of air samples must be a LELAP accredited lab. Attach a copy of the LELAP certificate behind Section G, Part I.

- Date of Collection
- Name and Address of Analyzing Laboratory
- Date of Analysis
- Results of Analysis
- Methods of Analysis
- Name and Signature of Analyst
- LELAP Laboratory Accreditation Certificate

**EMPLOYEE TRAINING:**

List each person required to be trained under *LAC 33:III.2721.A.1-3* and for supervisors who direct workers who may disturb ACM.

**Note:** all members of its custodial and maintenance staff who may work in a building that contains ACBM, whether or not they are required to disturb ACBM, shall receive **at least two hours of awareness training** within 60 days after commencement of employment; and staff who conduct any activities that will result in disturbance of 3 square or linear feet of ACBM shall receive **14 hours of additional training**. The following information must be provided for each employee trained. (*LAC 33:III.2725.C*) Attach behind Section G, Part I.

Name	Job Title	Date of Training Completed	Location of Training	Trainer/ Trainer Provider	Number of Hours Completed

**Section G**  
**Part II**

**SURVEILLANCE**

List each time that a periodic surveillance under *LAC 33:III.2721.B* is performed. (*LAC 33:III.2723.D*)

<b>Date of Periodic Surveillance</b>	<b>Name (Printed or Typed)</b>	<b>Louisiana Accreditation No.</b>	<b>Expiration Date</b>	<b>Changes in Conditions</b>



**Section G  
Part III**

**CLEANING**

List each time that cleaning under *LAC 33:III.2719.C* is performed. (*LAC 33:III.2725.E*)

<b>Date of Cleaning</b>	<b>Name (Printed or Type)</b>	<b>Locations Cleaned</b>	<b>Methods used to perform cleaning</b>

**Section G**  
**Part IV**

**O & M ACTIVITIES**

List the following information for each Operation and Maintenance activity conducted after December 14, 1987: (*LAC 33:III.2725.F*) Attach behind Section G, Part IV.

- Name of Person(s) Performing the Activity
- Start and Completion Dates for each Activity
- Location where Such Activity Occurred
- Description of Activity
- If Asbestos was Removed, the Name and Location of Storage or Disposal Site

**MAINTENANCE ACTIVITIES OTHER THAN SMALL SCALE SHORT DURATION (SSSD)**

List the following information for each time a major asbestos activity under *LAC 33:III.2719.E* is performed: (*LAC 33:III.2725.G*)  
Attach behind Section G, Part IV.

Name of the Person Performing the Activity	Start/Completion Dates	Location	Description of the Activity	If Asbestos was Removed Name and Location of Storage and Disposal Site

### **FIBER RELEASE EPISODE**

For each fiber release episode that has occurred post December 14, 1987, list the following information: (*LAC 33:III.2725.H*) Attach behind Section G, Part IV.

- Date and Location of Episode
- Method of Repair
- Preventive Measures or Response
- Name of Person Performing the Work
- If Asbestos was Removed, the Name and Location of Storage and Disposal Site

**DESIGNATED PERSON GENERAL RESPONSIBILITIES UNDER  
LAC 33:III.Chapter 27**

Pursuant to *LAC 33:III.2705.A* and *LAC 33:III.2723.H* of the Louisiana Air Quality Regulations, (Asbestos-Containing Materials in Schools and State Buildings), each Management Plan must contain a true and correct statement, signed by the Designated Person, that certifies that the general Management Plan responsibilities have been met. This form is provided to assist you in complying with this portion of *LAC 33:III.Chapter 27*.

School/Agency:		
Building Address:		
Designated Person:		
Designated Person's Address:		
City: New Orleans	State: LA	Zip Code:
Phone No:	Email:	

**ASSURANCES**

This asbestos Management Plan was developed and has been submitted pursuant to *LAC 33:III.Chapter 27* of the Louisiana Air Regulations, Asbestos-Containing Materials in Schools and States Buildings, and the undersigned does hereby certify that the Designated Person has and will ensure the following:

- 1) The activities of any person, who performs inspections, re-inspections, and periodic surveillance, develops and updates Management Plans, and develops and implements response actions, including operations and maintenance, are carried out in accordance with *LAC 33:III.Chapter 27*.
- 2) All custodial and maintenance employees are properly trained as required in *LAC 33:III.Chapter 27* and all other applicable federal and/or state regulations (e.g., the Occupational Safety and Health Administration Asbestos Standard for Construction, the EPA Worker Protection Rule, or applicable state regulations).
- 3) All workers and building occupants, or their legal guardians, are informed annually about inspections, response actions, post-response action activities, including periodic re-inspection, if applicable, and surveillance activities, that are planned or in progress.
- 4) All short-term workers (e.g., telephone repair workers, utility workers, or exterminators etc.) who may come in contact with asbestos in a school are provided information

regarding the locations of ACBM and suspected ACBM assumed to be ACM.

- 5) All warning labels are posted in accordance with **LAC 33:III.2727**.
  - 6) All management plans are available for inspection and that notification of such availability has been provided as specified in the Management Plan under **LAC 33:III.2723.F**.
  - 7) The undersigned Designated Person pursuant to **LAC 33:III.2705.A.7** received adequate training as stipulated in **LAC 33:III.2705.A.8**.
  - 8) The Designated Person will consider whether any conflict of interest may arise from the interrelationship among accredited personnel and whether that should influence the selection of accredited personnel to perform activities under **LAC 33:III.Chapter 27**.
- 

Signature: \_\_\_\_\_  
Designated Person, pursuant  
to **LAC 33:III.2723.H**

Phone No: \_\_\_\_\_

Fax No. \_\_\_\_\_

Email Address: \_\_\_\_\_