COUNTY OF NEWBERRY
Purchasing Department, Post Office Box 156, Newberry, SC 29108
Ph: (803) 321-2100 / Fax: (803) 321-2102

INVITATION FOR BIDS

BID NUMBER: 2024-6 **DATE**: June 27, 2024

OPENING DATE AND TIME: July 25, 2024 @ 3:00 p.m.

SUBMITTAL ADDRESS: Newberry County Courthouse Annex, 1309 College Street, Newberry (Hand Delivered)
Post Office Box 156, Newberry SC 29108
(US Postal Service Delivered)

PROCUREMENT FOR: Asbestos Abatement at the Old Gallman School

Subject to the conditions, provisions and the enclosed specifications, sealed bids will be received at this office until the stated date and time and then publicly opened. Any bid received after the scheduled deadline, will be immediately disqualified. The County assumes no responsibility for the delivery of bids which are mailed. BID NUMBER MUST BE SHOWN ON THE OUTSIDE OF ENVELOPE.

DIRECT ALL INQUIRIES TO:

Crystal Waldrop

Crystal Waldrop, CPPB
Purchasing Director
Post Office Box 156
Newberry SC 29108

NOTICE TO BIDDERS: Each bidder shall fully acquaint himself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this bid. The failure or omission of a bidder to acquaint himself with existing conditions shall in no way relieve him of any obligation with respect to this bid. All amendments to and interpretations of this solicitation shall be in writing and issued by the Purchasing Director of the County. Newberry County shall not be legally bound by an amendment or interpretation that is not in writing.

COUNTY OF NEWBERRY
Purchasing Office, 1309 College Street, Post Office Box 156, Newberry S.C. 29108
Ph: (803) 321-2100 / Fax: (803) 321-2102

BIDDERS SCHEDULE

BID NUMBER: 2024-6 **DATE:** April 23, 2018

OPENING DATE AND TIME: July 25, 2025 @ 3:00 p.m.

OPENING LOCATION: Newberry County Courthouse Annex, Conference Room
1309 College Street
Newberry, SC 29108

PROCUREMENT: **Asbestos Abatement at the Old Gallman School Building**

Base Bid **$**_____

***Bids shall be good for forty-five (45) days from the date of submittal**

VENDOR: _____ **SIGNATURE:** _____

Name of Authorized Contact: _____

Email Address: _____

Address: _____

Phone : _____

FEIN: _____

Contractor's SC License #: _____

There will NOT be a pre-bid meeting for this solicitation.

INSTRUCTIONS TO BIDDERS

1. Only one copy of bid is required unless otherwise specified.

2. Bids, amendments thereto or withdrawal request must be received by the time advertised for bid openings to be timely filed. It is the vendor's sole responsibility to insure these documents are received by the purchasing office at the time indicated in the bid document.

PLEASE NOTE THE VENDOR IS ULTIMATELY RESPONSIBLE FOR VERIFYING THEY HAVE RECEIVED ANY/ALL ADDENDA PRIOR TO THE BID OPENING.

3. When specifications or descriptive papers are submitted with the bid, enter bidder's name thereon.

4. Submit your signed bid on the bidder's schedule provided. Show bid number on envelope as instructed and the bid name or description. Newberry County accepts no responsibility for unmarked or improperly marked envelopes.

5. Bidders must clearly mark as "Confidential" each part of their bid which they consider to be proprietary information that could be exempt from disclosure under Section 30-4-40 Code of Laws of South Carolina, 1976, as amended, (also known as the Freedom of Information Act). The County reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against the County or its agents for its determination in this regard.

6. By submission of a bid, you are guaranteeing that all goods and services meet the requirements of the solicitation during the contract period.

7. Tie bids will be resolved in accordance with the provisions of the Newberry County Purchasing Ordinance.

8. A copy of the bidder's W-9 shall be included in the submission.

GENERAL PROVISIONS

1. The County of Newberry reserves the right to reject any and all bids, to cancel a solicitation, and to waive any technicality if deemed to be in the best interest of the County.

2. Unit prices will govern over extended prices unless otherwise stated in this bid invitation.

3. **PROHIBITION OF GRATUITIES:** South Carolina law and the Newberry County Purchasing Ordinance prohibit the giving of anything of value in return for favors or other preferential treatment in the purchasing process. Bidders should govern themselves accordingly.

4. **BIDDERS QUALIFICATION:** Bidders must, upon request of the county, furnish satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. The County reserves the right to make the final determination as to the bidder's ability to provide the products or services requested herein. Bidder determined to be irresponsible bidders are not allowed to bid to provide the County goods or services.

5. **BIDDERS RESPONSIBILITY:** Each bidder shall fully acquaint himself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this bid. It is expected that this will sometimes require on-site observation. The failure or omission of a bidder to acquaint himself with existing conditions shall in no way relieve him of any obligation with respect to this bid or to the contract.

6. **AWARD CRITERIA:** The contract shall be awarded to the lowest responsible and responsive bidder(s) whose bid meets the requirements and criteria set forth in the Invitation for Bid. Award may be made to one or a multiple of bidders, whichever deems to be in the best interest of the County, or unless otherwise stated on the bidder's schedule.

7. **WAIVER:** The County reserves the right to waive any Instruction to Bidders, General or Special Provisions, General or Special Conditions, or specifications deviation if deemed to be in the best interest of the county.

8. **COMPETITION:** This solicitation is intended to promote competition. If any language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested vendor to notify the Purchasing Director on in writing within five (5) days prior to the opening date. The solicitation may or may not be changed but a review of such notification will be made prior to the award.

9. **REJECTION:** Ambiguous bids which are uncertain as to terms, delivery, quantity, or compliance with specifications may be rejected or otherwise disregarded if such action is in the best interest of the County.

10. **RIGHT TO PROTEST**: Any prospective bidder, offeror, or contractor, who is aggrieved in connection with the solicitation of a contract shall protest in writing to the Purchasing Director within ten (10) calendar days of the date of issuance of the Invitation to Bid or other solicitation documents, whichever is applicable, or any amendment thereto, if the amendment is at issue. Any actual bidder, offeror, or contractor, who is aggrieved in connection with the intended award or award of a contract, shall protest in writing to the purchasing director within ten (10) calendar days of the notification of intent to award or statement of award.

11. **PROTEST PROCEDURE:** A protest shall be in writing, submitted to the purchasing director, and shall set forth the specific grounds of the protest with enough particularity to give notice to the issues to be decided.

GENERAL CONDITIONS

1. **DEFAULT:** In case of default by the contractor, the County reserves the right to purchase any or all items in default in the open market, charging the contractor with any excessive costs. Should such charge be assessed, no subsequent bids of the defaulting contractor will be considered until the assessed charge has been satisfied.

2. **NON-APPROPRIATION:** Any contract entered into by the County resulting from this bid invitation shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal period or appropriated year.

3. **HOLD HARMLESS AND INSURANCE**: The successful bidder shall indemnify and hold harmless the County of Newberry and all County officers, agents and employees against all suits or claims for personal injury or property damage resulting from, or arising from, the successful bidder's performance of the contract, as well as against any suits or claims of any character brought against the County or its agents or employees by reason of any claim of infringement of any patent, trade mark, trade dress, or copyright, including reimbursement to the County for all attorney's fees and court costs incurred by the County in defending itself or its agents or employees against any such claim or suit. **In addition, the successful bidder will maintain a public liability policy with minimum limits of $500,000 per occurrence, or $1,000,000 single limit, for damages arising from acts which occur during the contract period, with the County of Newberry named as an additional insured on the policy; the successful bidder shall also maintain workers compensation and vehicle liability insurance in the amounts required by statutory law.** Proof of such coverage will be provided upon demand or as otherwise provided in the bid specifications.

4. **CONTRACT ADMINISTRATION:** Questions or problems arising after award of this contract shall be directed to the Purchasing Director, P.O. Box 156, Newberry, SC 29108, or by calling 803-321-2100.

5. **FORCE MAJEURE:** The Contractor shall not be liable for any excess costs if the failure to perform the contract arises out of causes beyond the control and without fault or negligence of the contractor. Such causes may include, but are not restricted to acts of God or of a public enemy, acts of Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case the failure to perform must be beyond the control and without the fault or negligence of the contractor. If the failure to perform is caused by default of a subcontractor, and if such default arises out of causes beyond the

control of both the contractor and subcontractor and without excess costs for failure to perform, unless the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the contractor to meet the required delivery schedule.

6. **PUBLIC RELEASE:** Contractor agrees not to refer to award of this contract in commercial advertising in such a manner as to state or imply that the products or services provided are endorsed or preferred by the User.

7. **QUALITY OF PRODUCT:** Unless otherwise indicated in this bid it is understood and agreed that any items offered or shipped on this bid shall be new, in first class condition, and without defect that all containers shall be new and suitable for storage or shipment, and that prices include standard commercial packaging and shipping to the specified destination in Newberry County. No demonstration models shall be sold as new, without prior written permission of the County.

8. **S.C. LAW CLAUSE:** Upon award of a contract under this bid, the person, partnership, association or corporation to whom the award is made must comply with the laws of South Carolina which require such person or entity to be authorized and/or licensed to do business with this State. Notwithstanding the fact that applicable statutes may exempt or exclude the successful bidder from requirements that it be authorized and/or licensed to do business in this State, by submission of this signed bid, the bidder agrees to subject himself to the jurisdiction and process of the courts of the State of South Carolina as to all matters and disputes arising or to arise under the contract and the performance thereof, including any questions as to the liability for taxes, licenses, or fees levied by the State.

9. **ASSIGNMENT:** No contract or its Provisions may be assigned, sublet, or transferred without the written consent of the Purchasing Director.

10. **AFFIRMATIVE ACTION:** The successful bidder will take affirmative action in complying with all Federal and State requirements concerning fair employment of the handicapped, and concerning the treatment of all employees, without regard or discrimination by reason of race, color, religion, sex, national origin or physical handicap.

11. **DELIVERIES:** All deliveries shall be FOB Destination. It is agreed by the parties hereto that delivery by the contractor to the common carrier does not constitute delivery to the County. Any claim for loss or damage shall be between the contractor and the carrier.

12. **APPROPRIATE S.C. SALES TAXES, FEES AND PERMITS** shall be included in the Contractor's base bid for all materials. All fees, including permits and any removal or disposal of construction debris shall be included in the contractor's bid.

13. **PAYMENT TERMS:** Payment will be made when all work is completed and accepted by Newberry County as meeting the specifications here within.

14. **BID BOND:** For each bid in excess of $25,000.00 each bidder will submit with their bid a bond in the amount of 5% of the total price of the bid submitted. The bid bonds will be returned to the unsuccessful bidders once the county accepts the lowest most responsive bid. If the most responsive bidder fails to perform the responsibility of the bid within 10 days of the award, then the bid bond will be forfeited to the county as liquidated damages and the next lowest bidder will be awarded the bid. Bid bonds may be in the form of a surety, a cashier's check or an unconditional letter of credit in favor of Newberry County issued by a commercial bank in South Carolina.

15. **PERFORMANCE AND PAYMENT BONDS:** The chosen vendor will be required to submit to the County both a performance bond and payment bond in the amount of 100% of the contract price before commencing with the work. **Both bonds will be issued from a surety company with an "A" minimum rating of performance as stated in the most current publication of Best Key Rating Guide, Property Liability.**

16. **Compliance with The South Carolina Illegal Immigration Act**: By submitting an offer, Bidder certifies that it will comply with the applicable requirements of Title 8, Chapter 14 of the South Carolina code of Laws (originally enacted as Section 3 of The South Carolina Illegal Immigration act, 2008 S.C. Act No. 280) and agrees to provide upon request any documentation required to establish either: (a) the applicability of Title 8, Chapter 14 to Bidder and any subcontractor or sub-subcontractors; or (b) the compliance with Title 8, Chapter 14 by Bidder and any subcontractors or sub-subcontractors. Pursuant to Section 8-14-60, "A person who knowingly makes or files any false, fictitious, or fraudulent document, statement, or report pursuant to this chapter is guilty of a felony and, upon conviction, must be fined within the discretion of the court or imprisoned for not more than five years, or both". Bidder agrees to include in any contracts with its sub-contractor's language requiring the subcontractors to (a) comply with the applicable requirements of Title 8, Chapter 14, and (b) include in any contracts with the sub-sub-contractor's language requiring the sub-subcontract to comply with the applicable requirements of Title 8, Chapter 14.

Asbestos Abatement
Old Gallman School (Building Thriving Communities Foundation)
Newberry, SC

The scope of work is to remove and properly dispose the asbestos containing material (ACM) from the interior spaces of the old Gallman School Building located at 540 Brantley Street, TMS # 343-8-8-21, Newberry, S.C.

The firms submitting a quotation for the work shall be properly licensed by the state of South Carolina and certified by the SCDHEC as an asbestos abatement contractor. The abatement contractor shall conform to all State and Federal requirements:
Regulations and Specifications for the abatement:

1. SCDHEC Regulation 61-86.1 – Standards of Performance for Asbestos Projects
2. OSHA Asbestos Standard 1926.1101
3. NESHAP 40 CFR Subpart M – National Emission Standards for Hazardous Air Pollutants

An assessment report provided by S&ME, Inc, dated January 9, 2022, is included in this solicitation as information for material detail and sampling results.

A site visit is recommended to verify the areas and identify access and barrier locations. Clayton Construction Company is the construction manager for the project and coordination for a site visit may be made with Alex Buddenberg at ABuddenberg@claytonconstruction.net

The contractor shall provide final air sampling reports and a final inspection shall be performed with the owner for removal verifications and clean up, prior to payment.

The deadline for submitting questions concerning this solicitation by July 18, 2024, by 5:00 p.m. and shall be submitted in writing to Crystal Waldrop via email at cwaldrop@newberrycounty.gov

Completion of the abatement shall be performed within ninety (90) days from the date of the notice to proceed.

Hazardous Materials Assessment Report
Gallman School
540 Brantley Street
Newberry, South Carolina
S&ME Project No. 22610550R.1

PREPARED FOR:
Moseley Architects
44 Markfield Drive
Charleston, SC 29407

PREPARED BY:
S&ME, Inc.
134 Suber Road
Columbia, SC 29210

January 9, 2022

ASSESSMENT PERFORMED BY:
Travis Knight, CHMM, CIEC & Bobby McAllister
SCDHEC Lic. #BI-00885 & BI-01429
Assessment date: November 15, 2020

January 9, 2023

Moseley Architects
44 Markfield Drive
Charleston, South Carolina 29407

Attention: Mr. Benjamin S. Whitener, AIA
bwhitener@moseleyarchitects.com

Reference: **Hazardous Materials Assessment Report**
Gallman School
540 Brantley Street
Newberry, South Carolina
S&ME Project No. 22610550R.1

Dear Mr. Whitener:

S&ME, Inc. (S&ME) is pleased to provide the enclosed report detailing the hazardous materials assessment of Gallman School located at 540 Brantley Street in Newberry, South Carolina. The assessment was performed in general accordance with S&ME Proposal 22610550, dated October 17, 2022. The enclosed report includes the executive summary, project background, assessment procedures, findings and results, and conclusions and recommendations for the proper treatment of the identified hazardous materials as related to the planned building renovation activities.

This report is provided for the sole use of the client. Use of this report by any other parties will be at such party's sole risk and S&ME, Inc. disclaims liability for any such use or reliance by third parties. The results presented in this report are indicative of conditions only during the time of the assessment and of the specific areas referenced. The information provided in this assessment report should not be used as a bidding document, and field conditions should be verified by contractors bidding on asbestos or hazardous materials abatement/removal.

We appreciate the opportunity to provide you with our industrial hygiene/environmental services. If you have any questions concerning this report, please call us at (803) 561-9024.

Sincerely,

S&ME, Inc.

Bobby McAllister
Environmental Staff Professional

Tom Behnke, PG, CHMM
Environmental Services Manager

Table of Contents

Appendices

Executive Summary

A hazardous materials assessment was conducted by S&ME, Inc. (S&ME) on November 15, 2022 of Gallman School located at 540 Brantley Street in Newberry, South Carolina. The purpose of the assessment was to identify asbestos-containing materials (ACMs), lead-based paint coatings, and to perform a visual screening for potential sources of polychlorinated biphenyls (PCBs), and mercury to support future renovation activities.

Gallman School is a single-story building with a two-story section on the southeast end and a gym with a basement area; built on crawlspace with brick veneer exterior and a flat built-up roof system. The building encompasses approximately 39,200 square feet of space. The building contains classrooms, gymnasium, cafeteria, and administrative areas. The ceilings are finished with acoustical ceiling tiles, and the floors are finished with a combination of vinyl floor tiles, linoleum, ceramic tiles, and carpeting. Interior walls consisted of concrete masonry unit (CMU) and drywall.

This summary is for convenience only and should not be relied upon without first reading the full contents of this report, including appended materials.

Asbestos Assessment

The asbestos assessment was performed in general accordance with the South Carolina Department of Health and Environmental Control (SCDHEC) Regulation 61-86.1, *Standards of Performance for Asbestos Projects* effective May 27, 2011.

The suspect ACMs sampled and analyzed as part of this assessment included drywall and associated joint compound, plaster, three styles of ceiling tiles, four styles of vinyl floor tile and mastic, three styles of linoleum, spray-applied fire proofing, baseboard mastic, window glazing, thermal system insulation (TSI), hard joint insulation, built-up roofing, black sealant and silver sealant. The Environmental Protection Agency (EPA) and the SCDHEC define materials as asbestos-containing if an asbestos content greater than one percent (>1%) is detected in a representative sample. The identified ACMs are summarized in the table on the following page.

Table E-1 Summary of Confirmed ACMs

Material	HA	Material Location	Asbestos Type and Percent	Condition	*Approx. Quantity
12-inch dark tan vinyl floor tile and black mastic	FT2	Throughout except gym and kitchen	Chrysotile 3% Chrysotile 4%	Good	30,000 SF
9-inch brown vinyl floor tile and mastic	FT3	Throughout beneath 12-inch vinyl tile in hallways, classrooms, linoleum and carpet	Chrysotile 5% Chrysotile 6%	Good	30,000 SF
Thermal system insulation	TSI	Beneath gym office and shop area	Amosite 15% Chrysotile 3%	Good	200 LF
Hard joint insulation	HJ	Beneath gym office and shop area	Chrysotile 65%	Good	15 HJ

Material	HA	Material Location	Asbestos Type and Percent	Condition	*Approx. Quantity
Window glazing	WG	Exterior windows	Chrysotile 2%	Good	3,500 LF

*The quantities are estimated and should be field verified by contractors bidding on asbestos removal.

Abbreviations:
HA = homogeneous area SF = square feet NF = non-friable F = friable LF = linear feet EA = Each

Silver sealant on roof parapet wall and penetration areas reported less than one percent asbestos. A material with an asbestos content less than one percent is not classified as an ACM applicable to EPA and SCDHEC, however trace levels of asbestos (less than one percent) in a material is subject to Occupational Safety and Health Administration (OSHA) regulatory requirements, to include, but not limited to, worker protection, using wet methods, proper clean-up, use of proper tools/equipment, engineering controls, etc.

Lead-Based Paint Assessment

Painted surfaces throughout the interior and exterior of the structure were considered suspect and analyzed for lead content. Multiple painted surfaces associated with the structure exhibited detectable levels of lead and the disturbance of these materials is regulated by OSHA regulation 29 CFR 1926.62 (Lead in Construction). The coated surfaces exceeding the SCDHEC disposal criteria of 0.7 milligrams per square centimeter (mg/cm^2) were considered lead-based paint for the purpose of this assessment. The following is a general summary of the identified lead-based paint systems:

- Yellow glazed ceramic wall men's restroom (7.70 mg/cm^2).
- Black and green ceramic wall in women's restroom (5.40-19.90 mg/cm^2).

Polychlorinated Biphenyl Screening

Representative light ballasts were inspected for labeling regarding PCB content from readily accessible light fixtures. Approximately 197 light ballasts are estimated to be present in the subject building. Based on our field observations, several types of ballasts were observed. There were approximately 51 light ballasts not labeled regarding PCB content. Due to the age of the building and the unknown installation date, these unlabeled ballasts are presumed to contain PCBs. The unlabeled light ballasts presumed to contain PCBs were associated with 8 foot hanging fixtures with metal grates located in classrooms (18), teacher work room (2), gym hall (3), near gym (1), gym entrance (1) and lower-level (25). The remaining types of ballasts observed were labeled as "Electromagnetic" or displayed "No PCBs." Labels designating "No PCBs" were not required after 1998. If other ballasts are encountered during the renovation process that are not labeled, and not installed post-1998, they should be presumed to contain PCBs.

Mercury Screening

Fluorescent lamps inherently contain low levels of mercury regardless of classification. Approximately 154 (4' length) fluorescent bulbs and 170 (8' length) fluorescent lamps were observed in the building. Approximately 28 CFL bulbs were observed. Three mercury vapor bulbs were observed on the exterior of the building.

Two thermostats were observed in the cafeteria. No additional sources of mercury were noted during the assessment.

1.0 Background

A hazardous materials assessment was conducted by S&ME, Inc. (S&ME) on November 15, 2022 of Gallman School located at 540 Brantley Street in Newberry, South Carolina. The purpose of the assessment was to identify asbestos-containing materials (ACMs), lead-based paint coatings, and to perform a visual screening for potential sources of polychlorinated biphenyls (PCBs), and mercury to support future renovation activities.

Gallman School is a single-story building with a two-story section on the southeast end and a gym with a basement area; built on crawlspace with brick veneer exterior and a flat built-up roof system. The building encompasses approximately 39,200 square feet of space. The building contains classrooms, gymnasium, cafeteria, and administrative areas. The ceilings are finished with acoustical ceiling tiles, and the floors are finished with a combination of vinyl floor tiles, linoleum, ceramic tiles, and carpeting. Interior walls consisted of concrete masonry unit (CMU) and drywall.

1.1 Asbestos Assessment

The asbestos assessment was performed by observing and collecting random samples of suspect asbestos-containing materials associated with the interior and exterior of the subject building. The identification of ACMs will aid in the prevention of occupational exposures and/or environmental releases of airborne asbestos. Identification of ACMs also complies with Title 40 Code of the Federal Regulations, part 61, and State regulation 61-86.1 enforced by the South Carolina Department of Health and Environmental Control (SCDHEC), along with Title 29 Code of Federal Regulations, part 1926 enforced by the Occupational Safety and Health Administration (OSHA). The following sections describe the assessment procedures used, results of the suspect ACMs sampled and analyzed, and conclusions and recommendations related to ACMs.

1.2 Lead-based Paint Assessment

The purpose of the testing was to assess and identify lead-based paint coatings associated with the subject building. The identification of these materials will aid in the compliance of occupational exposure and/or environmental releases of airborne lead dust in accordance with OSHA 29 CFR 1926.62 (Lead in Construction) and provide information to determine proper disposal of lead-based paint coated components and debris in accordance with the SCDHEC and Environmental Protection Agency (EPA).

1.3 Polychlorinated Biphenyl Screening

The polychlorinated biphenyl (PCB) screening was conducted by visually inspecting labeling associated with suspect PCB-containing equipment to include lighting ballasts and transformers associated with the subject buildings. PCBs are regulated by the EPA under 40 CFR 761, the Toxic Substance Control Act (TSCA). The identification of these materials will determine proper handling and disposal of identified PCB-containing sources. The manufacture of this known carcinogen was banned in 1976. Sampling and testing of suspect PCB-containing equipment was not performed as part of this screening.

1.4 Mercury Screening

The mercury screening was conducted by visually inspecting thermostats and fluorescent lamps associated with the subject building. Mercury is designated as a Universal Waste by the EPA under 40 CFR 273, the Resource Conservation and Recovery Act (RCRA). The state of South Carolina has no formal mercury program and has adopted the EPA regulations for proper handling and disposal of mercury-containing sources. The identification of these materials will aid in the prevention of occupational exposures and/or environmental releases of mercury and provide information to facilitate proper disposal of mercury-containing sources in accordance with SCDHEC and EPA Universal Waste requirements. Sampling and testing of mercury sources was not performed as part of this screening.

2.0 Asbestos Assessment

2.1 Assessment Procedures

The asbestos assessment was performed by observing and collecting random samples of suspect asbestos-containing materials associated with the interior and exterior of the subject building. Significant destructive testing was not performed, therefore the possibility exists that suspect materials were undetected in inaccessible areas such as inside pipe chases, wall voids, or flooring overlays. If additional suspect materials are discovered during the planned destructive activities, bulk samples must be collected by a SCDHEC licensed inspector and analyzed for asbestos content.

A sampling strategy was developed to provide representative samples of the suspect asbestos-containing materials in accordance with OSHA, SCDHEC and EPA. Bulk samples were then extracted from suspect ACMs, recorded on a chain of custody record, and submitted to S&ME's in house polarized light microscopy (PLM) lab in Charlotte, North Carolina for analysis. Non-friable, organically bound (NOB) samples that tested negative via PLM were also submitted to EMSL Analytical's asbestos laboratory in Pineville, North Carolina for analysis via transmission electron microscopy (TEM).

Polarized Light Microscopy (PLM)
The suspect materials were analyzed by trained microscopists using PLM techniques coupled with dispersion staining in accordance with EPA Test Method Title 40 Code of Federal Regulations, Chapter I (1-1-87 edition), Part 763, Subpart F-APPENDIX A. This method identifies asbestos mineral fibers based on six optical characteristics: morphology, birefringence, refractive index, extinction angle, sign of elongation and dispersion staining colors. The laboratory analysis reports the specific type of asbestos identified (there are six asbestos minerals) and the percentage of asbestos present.

Transmission Electron Microscopy (TEM)
In accordance with SCDHEC Regulation 61-86.1, Transmission Electron Microscopy (TEM) confirmation analysis is required to be performed on one sample of any non-friable, organically bound material (NOB) that tests negative via PLM analysis. The TEM analysis was performed using EPA 600 Method in accordance with ASTM E2356.

The TEM confirmation analysis was performed by EMSL's laboratory in Charlotte, North Carolina. Both the PLM and the TEM laboratories are accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), which is administered by the National Institute of Standards and Technology.

2.2 Findings and Results

The asbestos assessment conducted on November 15, 2022 included the quantification and random bulk sampling of various suspect asbestos-containing materials located on the interior and exterior of the subject building. The suspect ACMs sampled and analyzed as part of this assessment included drywall and associated joint compound, plaster, three styles of ceiling tiles, four styles of vinyl floor tile and mastic, three styles of linoleum, spray-applied fire proofing, baseboard mastic, window glazing, thermal system insulation (TSI), hard joint insulation, built-up roofing, black sealant and silver sealant. The Environmental Protection Agency (EPA) and the SCDHEC define materials as asbestos-containing if an asbestos content greater than one percent (>1%) is detected in a representative sample. The identified ACMs are summarized in the table on the following page.

Table 2-1 Summary of Confirmed ACMs

Material	HA	Material Location	Asbestos Type and Percent	Condition	*Approx. Quantity
12-inch dark tan vinyl floor tile and black mastic	FT2	Throughout except gym and kitchen	Chrysotile 3% Chrysotile 4%	Good	30,000 SF
9-inch brown vinyl floor tile and mastic	FT3	Throughout beneath 12-inch vinyl tile in hallways, classrooms, linoleum and carpet	Chrysotile 5% Chrysotile 6%	Good	30,000 SF
Thermal system insulation	TSI	Beneath gym office and shop area	Amosite 15% Chrysotile 3%	Good	200 LF
Hard joint insulation	HJ	Beneath gym office and shop area	Chrysotile 65%	Good	15 HJ
Window glazing	WG	Exterior windows	Chrysotile 2%	Good	3,500 LF

*The quantities are estimated and should be field verified by contractors bidding on asbestos removal.

Abbreviations:
HA = homogeneous area SF = square feet NF = non-friable

Silver sealant on roof parapet wall and penetration areas reported less than one percent asbestos. A material with an asbestos content less than one percent is not classified as an ACM applicable to EPA and SCDHEC, however trace levels of asbestos (less than one percent) in a material is subject to Occupational Safety and Health Administration (OSHA) regulatory requirements, to include, but not limited to, worker protection, using wet methods, proper clean-up, use of proper tools/equipment, engineering controls, etc.

In accordance with SCDHEC Regulation 61-86.1, TEM analysis was performed on one sample of each of the non-friable, organically-bound (NOB) materials that displayed a result of no asbestos detected or less than 1% asbestos via PLM analysis. NOBs consist of materials such as vinyl floor tiles, vinyl baseboards and mastics and roofing materials. Please refer to Table I-I in Appendix I for more detail regarding which samples of NOB materials submitted for TEM analysis.

The EPA classifies ACMs into two categories; friable and non-friable. A friable material creates a greater health hazard due to the fact that it may be "crumbled, pulverized or reduced to powder by the forces expected to act upon it in the course of demolition or renovation operations." The identified asbestos-containing flooring materials are classified as Category I non-friable ACMs, in good condition, with a significant potential for disturbance due to the planned demolition activities. The identified asbestos-containing window glazing is classified as a friable ACM, in good condition, with a significant potential for disturbance due to the planned renovation or demolition activities. The remaining bulk samples collected and analyzed did not exhibit an asbestos content >1%.

A summary of asbestos results is provided in **Table I** of **Appendix I,** and provides the sample number, location, type of material tested, approximate quantity of the material sampled, condition of the material, and corresponding result for each sample. Figure 1 and site photographs of the identified ACM are provided in **Appendix II**, and a copy of the inspector's SCDHEC license is provided in **Appendix III**. Copies of the laboratory analyses and chain-of-custody records are provided in **Appendix IV**.

3.0 Lead-Based Paint Assessment

3.1 Investigative Procedures

The lead-based paint assessment was conducted for compliance with the SCDHEC limit of 0.7 milligrams (mg) of lead per square centimeter (cm^2) of painted surface for lead-based paint coated waste. SCDHEC, Health Division defines lead-based paint as a coating containing lead in quantities ≥0.7 mg/cm^2 (SCDHEC, Health Division definition #4-53-1320f). Any coated surfaces or materials meeting or exceeding the SCDHEC limit of 0.7 mg/cm^2 were considered lead-based for the purpose of this assessment.

Lead-based paint testing was performed on representative interior and exterior painted components and products associated with the subject buildings. The components were analyzed with a Thermo Fisher Scientific XLp-300A XRF spectrum analyzer (serial #95004). The suspect painted finishes and products were selected based on the color of the topcoat and the underlying paint layers and/or the substrate on which it was applied. The possibility exists that lead-based paint finishes are present in those inaccessible areas such as pipe chases, wall voids, etc. SCDHEC defines a lead-based paint as any paint containing lead at concentrations equaling 0.7 mg/cm^2 or greater by XRF testing. For the purpose of the assessment, paint containing 0.7 mg/cm^2 or greater was considered lead-based paint due to the planned activities. Lead-based paint, as defined by SCDHEC, on building components, requires disposal in a Class II or Class III landfill.

OSHA does not recognize a threshold level of lead for definition purposes, only the presence or absence of lead. The current OSHA regulations recognize an airborne action level of thirty micrograms of lead per cubic meter of

air (30 µg/m^3) during an eight-hour day and a permissible exposure level of fifty micrograms per cubic meter (50 µg/m^3).

3.2 Findings and Results

Coated surfaces throughout the interior and exterior of the building were tested for the presence of lead-based paint. The coated surfaces meeting or exceeding the SCDHEC limit of 0.7 mg/cm^2 were considered lead-based paint for the purpose of this assessment.

The following summarizes the identified confirmed lead-based paint coatings:

- Yellow glazed ceramic wall men's restroom (7.70 mg/cm^2).
- Black and green ceramic wall in women's restroom (5.40-19.90 mg/cm^2).

Additionally, detectable levels of lead which are applicable to OSHA regulation 29 CFR 1926.62 (Lead in Construction) were identified in various painted components associated with the structure. The summary of the XRF readings is provided in **Appendix V**.

4.0 Polychlorinated Biphenyl Screening

4.1 Procedures

The PCB screening was performed by visually screening labels on electrical equipment and representative suspect PCB-containing light ballasts associated with fluorescent light fixtures. PCBs were banned in 1975 and those ballasts manufactured from 1978 to 1998 were required to be labelled as "No PCBs."

PCBs are regulated by the EPA found in 40 CFR 761, the Toxic Substance Control Act (TSCA). PCB-containing equipment cannot be disposed of in Solid Waste Landfills (SWLF) in the State of South Carolina according to R61-107.16. The EPA and SCDHEC require proper disposal of equipment containing PCBs per 40 CFR 761 subpart D of TSCA.

Approximately three different styles of fluorescent light fixtures were observed in each building. The PCB screening was performed by opening random light fixtures of various styles throughout the buildings and observing the ballast(s) in the fixtures for designated labeling.

4.2 Findings

Representative light ballasts were inspected for labeling regarding PCB content from readily accessible light fixtures. Approximately 197 light ballasts are estimated to be present in the subject building. Based on our field observations, several types of ballasts were observed. There were approximately 51 light ballasts not labeled regarding PCB content. Due to the age of the building and the unknown installation date, these unlabeled ballasts are presumed to contain PCBs. The unlabeled light ballasts presumed to contain PCBs were associated with 8 foot hanging fixtures with metal grates located in classrooms (18), teacher work room (2), gym hall (3), near gym (1), gym entrance (1) and lower-level (25). The remaining types of ballasts observed were labeled as

"Electromagnetic" or displayed "No PCBs." Labels designating "No PCBs" were not required after 1998. If other ballasts are encountered during the renovation process that are not labeled, and not installed post-1998, they should be presumed to contain PCBs.

5.0 Mercury Screening

5.1 Procedures

The mercury screening was conducted to identify liquid mercury or mercury vapor containing sources associated with the building. The mercury screening was performed by identifying mercury vapor lamps and liquid mercury bulb thermostats. The identification of mercury sources will aid in the prevention of occupational exposures and/or environmental releases of mercury and provide information to facilitate proper disposal of mercury sources in accordance with the SCDHEC and the EPA Universal Waste requirements.

Mercury-containing equipment was added to the EPA list of universal waste that is regulated under 40 CFR 273 of the Resource Conservation and Recovery Act (RCRA). The state of South Carolina has no formal mercury program and has adopted the EPA Universal Waste Rule (UWR) regarding proper handling, shipping and disposal of mercury-containing sources.

5.2 Findings

Fluorescent lamps inherently contain low levels of mercury regardless of classification. Approximately 154 (4' length) fluorescent bulbs and 170 (8' length) fluorescent lamps were observed in the building. Approximately 28 CFL bulbs were observed. Three mercury vapor bulbs were observed on the exterior of the building.

Two thermostats were observed in the cafeteria. No additional sources of mercury were noted during the assessment.

6.0 Conclusions and Recommendations

The hazardous materials assessment conducted on November 15, 2022 of Gallman School located at 540 Brantley Street in Newberry, South Carolina identified the presence of Category I non-friable ACMs, Category II non-friable ACMs and friable ACMs, lead products applicable to SCDHEC and OSHA, mercury vapor sources were observed. This report should be provided to the contractor(s) to assist with compliance with applicable State and Federal regulations.

6.1 Asbestos

If additional suspect ACMs not included in this report are discovered and will be disturbed by renovation or demolition activities, bulk samples must be collected by a licensed asbestos inspector and analyzed for asbestos content, prior to disturbance of the suspect material(s). This report should be provided to the contractor(s) to assist with compliance with applicable State and Federal regulations.

S&ME recommends proper removal and disposal of the ACMs by a licensed asbestos abatement contractor, prior to activities that may disturb an ACM. State and Federal regulations should be carefully considered in order to verify compliance before any actions are initiated that may disturb an ACM. If additional suspect ACMs not included in this report are discovered and will be disturbed by the renovation/demolition activities, bulk samples must be collected by a licensed asbestos inspector and analyzed for asbestos content, prior to disturbance of the suspect material(s).

Asbestos removal requires written notification to SCDHEC, specific removal procedures, proper transportation, and disposal per state and federal regulations. The identification and proper removal of ACM prior to demolition or renovation will aid in the prevention of occupational exposures and/or environmental releases of airborne asbestos. In accordance with SCDHEC Regulation 61-86.1, project air monitoring must be performed by a SCDHEC licensed air sampler in conjunction with the removal of regulated asbestos materials (e.g. friable materials or non-friable materials rendered friable) that exceed the classification of a Small Project or are not regulated exterior removals. SCDHEC also requires a written project design when 3,000 square feet (or greater) of regulated are to be removed.

6.2 Lead-based Paint

The lead-based paint assessment conducted at 540 Brantley Street in Newberry, South Carolina identified the presence of lead-based coatings.

The following is a general summary of the identified lead-based paint systems and materials that were determined to contain lead:

The client is advised that OSHA does not recognize a threshold level of lead for definition purposes, only the presence or absence of lead. Consequently, the OSHA regulations governing worker protection for lead-based paint may apply to work practices including the disturbance of paint systems with detectable levels of lead. Destructive actions (sanding, burning, demolition, component removal, paint preparation) to the lead-containing paint surfaces will require the contractor comply with the standards of OSHA, including but not limited to initial exposure monitoring, the use of personal protective equipment, and medical surveillance.

SCDHEC Regulation 61-107.19 permits demolition materials painted with lead-based paint (≥ 0.7 mg/cm^2) to be disposed in a permitted Class Two (C&D) or Class Three Subtitle D, Municipal Solid Waste (MSW) landfill.

Accumulations of paint waste (chips, dust, or flakes) must be tested by the Toxicity Characteristic Leaching Procedure (TCLP) to determine if the waste is classified as hazardous, which requires disposal in a Subtitle C (hazardous waste) landfill. Lead waste, at a minimum, must be disposed in a Class Two or Three landfill.

6.3 Polychlorinated Biphenyls

Ballasts that may be encountered during renovation that do not exhibit the "No PCBs" labeling that were installed prior to July 1, 1998, are required by the EPA and the SCDHEC to be disposed of in accordance with 40 CFR 761, Subpart D of the Toxic Substance Control Act (TSCA) or sampling to identify PCB levels.

6.4 Mercury

The fluorescent light tubes observed in the building's light fixtures inherently contain low levels of mercury and must be recycled or properly disposed as mercury sources. Mercury is designated as a Universal Waste by the EPA under 40 CFR 273, the Resource Conservation and Recovery Act (RCRA). The state of South Carolina has no formal mercury program and has adopted the EPA regulations for proper handling and disposal of mercury-containing sources. Should these materials be disturbed as a part of future renovation or demolition, S&ME recommends removal of the mercury-containing lamps prior to the planned activities, and recycling at a Universal Waste Destination Facility.

7.0 Limitations

This report is provided for the sole use of the Client. Use of this report by any other parties will be at such party's sole risk, and S&ME disclaims liability for any such use or reliance by third parties. The results presented in this report are indicative of conditions only during the time of the sampling period and of the specific areas referenced. Under no circumstances is this report to be used as a bidding document, or as a project design or specification.

S&ME performed the services in accordance with generally accepted practices of reputable environmental consultants undertaking similar studies at the same time and in the same geographical area. S&ME has endeavored to meet this standard of care. No other warranty, expressed or implied, is intended or made with respect to this report or S&ME's services. Users of this report should consider the scope and limitations related to these services when developing opinions as to risks associated with the site. Additional limitations to our survey are as follows:

- Significant destructive sampling was not performed during the asbestos assessment. Additional suspect ACMs may be present in inaccessible locations such as in wall voids, pipe chases or flooring overlays. Consequently, if additional suspect materials are discovered during future renovation or demolition activities, bulk samples must be collected and analyzed for asbestos content.
- Portions of the subject building are finished with carpet. Our assessment involved observations beneath the carpeting at random locations. The complete removal of the carpet would be necessary to account for any additional suspect ACMs that may be present.
- The building is finished with a suspended ceiling system. Our assessment involved observations above the suspended ceiling at random locations; however, the complete removal of the ceiling system and ceiling grid would be necessary to account for any additional suspect ACMs that might be present.
- Quantities and locations were estimated during the site observations. Quantities and locations should be field verified by contractors bidding on hazardous materials abatement/removal.

Appendices

Appendix I – Summary of Asbestos Sampling

Summary of Asbestos Sampling

Project Name:	Gallman School	**Project Number:**	22610550
Location:	540 Brantley Street Newberry, South Carolina	**Sampling Date(s):**	November 15, 2022

Table I-I Summary of Asbestos Sampling

HOMOGENEOUS AREA **SAMPLE DATA**

HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/II)	[2]Type	[3]Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
FT1	12-inch white with brown vinyl floor tile and black mastic	Foyer	170 SF	NA	Misc.	NA/NA	FT-1	Foyer	NAD
							FT-2	Foyer	NAD
							[4]FT-3	Foyer	NAD
FT2	**12-inch dark tan vinyl floor tile and black mastic**	**Throughout except gym and kitchen**	**30,000 SF**	**I**	**Misc.**	**Good/Low**	**FT-4**	**Hall**	**Tile – 3% Chrysotile Mastic – 4% Chrysotile**
							FT-5	**Hall**	**Tile – 3% Chrysotile Mastic – 4% Chrysotile**
							FT-6	**Hall**	**Sample Not Analyzed**
CT1	12-inch spline ceiling tile	Various areas throughout	20,000 SF	NA	Misc.	NA/NA	CT-1	Hall	NAD
							CT-2	Library	NAD
							CT-3	Hall	NAD
CT2	2x4 ceiling tile	Various areas throughout	9,500 SF	NA	Misc.	NA/NA	CT-4	Foyer	NAD
							CT-5	Foyer	NAD
							CT-6	Foyer	NAD
FP	Spray-applied fire proofing	1st floor southeast wing and lower-level classrooms	10,500 SF	NA	Surf.	NA/NA	FP-1	1st floor southeast wing	NAD
							FP-2	1st floor southeast wing	NAD

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet

[1]Category: F = Friable I = Category I, Non-Friable II= Category II, Non-Friable

[2]Type; Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation

[3]Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High

[4]Sample analyzed by TEM

Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	**Project Number:**	22610550
Location:	540 Brantley Street Newberry, South Carolina	**Sampling Date(s):**	November 15, 2022

HOMOGENEOUS AREA | **SAMPLE DATA**

HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/II)	[2]Type	[3]Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
							FP-3	1st floor southeast wing	NAD
							FP-4	1st floor southeast wing	NAD
							FP-5	1st floor southeast wing	NAD
							FP-6	Lower classroom level	NAD
							FP-7	Lower classroom level	NAD
LN1	Tan pebble linoleum	Cafeteria and restroom in classroom 10	1,500 SF	NA	Misc.	NA/NA	LN-1	Cafeteria	NAD
							LN-2	Cafeteria	NAD
							[4]LN-3	Restroom in classroom 10	NAD
LN2	Cream mottled linoleum	Office	100 SF	NA	Misc.	NA/NA	LN-4	Office	NAD
							LN-5	Office	NAD
							[4]LN-6	Office	NAD
FT3	**9-inch brown vinyl floor tile and mastic**	**Throughout beneath vinyl tile in hallways, classrooms, linoleum and carpet**	**30,000 SF**	**I**	**Misc.**	**Good/Low**	**FT-7**	**Hall beneath 12-inch vinyl tile**	**Tile: 5% Chrysotile Mastic: 6% Chrysotile**
							FT-8	**Cafeteria beneath linoleum**	**Tile: 5% Chrysotile Mastic: 6% Chrysotile**
							[4]FT-9	**Office beneath carpet and tile**	**Sample Not Analyzed**

NAD = No Asbestos Detected
NA = Not Applicable
SF = Square feet
LF = Linear feet
CF = Cubic Feet

[1]Category: F = Friable I = Category I, Non-Friable II= Category II, Non-Friable

[2]Type; Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation

[3]Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High

[4]Sample analyzed by TEM

Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	**Project Number:**	22610550
Location:	540 Brantley Street Newberry, South Carolina	**Sampling Date(s):**	November 15, 2022

HOMOGENEOUS AREA **SAMPLE DATA**

HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/II)	[2]Type	[3]Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
FT4	12-inch tan mottled vinyl floor tile and mastic	Office beneath carpet and hallway edge	350 SF	NA	Misc.	NA/NA	FT-10	Office beneath carpet	NAD
							FT-11	Hallway edge	NAD
							[4]FT-12	Hallway edge	NAD
JC1	Joint compound	Rooms 1 and 13	2,500 SF	NA	Surf.	NA/NA	JC-1	Room 13	NAD
							JC-2	Room 1	NAD
							JC-3	Room 1	NAD
							JC-4	Room 13	NAD
							JC-5	Room 13	NAD
DW1	Drywall	Rooms 1 and 13	2,500 SF	NA	Misc.	NA/NA	DW-1	Room 13	NAD
							DW-2	Room 1	NAD
							DW-3	Room 1	NAD
CT3	2x2 ceiling tile	Gym	7,200 SF	NA	Misc.	NA/NA	CT-7	Gym	NAD
							CT-8	Gym	NAD
							CT-9	Gym	NAD
BBM	Baseboard mastic	Throughout	4,600 LF	NA	Misc.	NA/NA	BBM-1	Lower classroom	NAD
							BBM-2	Foyer	NAD
							[4]BBM-3	Hall	NAD
PL	Plaster	Kitchen	3,500 SF	NA	Surf.	NA/NA	PL-1	Kitchen	NAD
							PL-2	Kitchen	NAD
							PL-3	Kitchen	NAD
							PL-4	Kitchen	NAD
							PL-5	Kitchen	NAD

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet

[1]Category: F = Friable I = Category I, Non-Friable II= Category II, Non-Friable

[2]Type; Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation

[3]Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High

[4]Sample analyzed by TEM

Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	**Project Number:**	22610550
Location:	540 Brantley Street Newberry, South Carolina	**Sampling Date(s):**	November 15, 2022

HOMOGENEOUS AREA							SAMPLE DATA		
HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/II)	[2]Type	[3]Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
TSI	**Thermal system insulation**	**Beneath gym office and shop area**	**200 LF**	**F**	**TSI**	**Good/Low**	**TSI-1**	**Beneath gym office**	**15% Amosite 3% Chrysotile**
							TSI-2	**Beneath gym office**	**15% Amosite 3% Chrysotile**
							TSI-3	**Beneath gym office**	**15% Amosite 3% Chrysotile**
HJ	**Hard joint insulation**	**Beneath gym office and shop area**	**15 HJ**	**F**	**TSI.**	**Good/Low**	**HJ-1**	**Beneath gym office**	**65% Chrysotile**
							HJ-2	**Beneath gym office**	**65% Chrysotile**
							HJ-3	**Beneath gym office**	**65% Chrysotile**
WG	**Window glazing**	**Exterior windows**	**3,500 SF**	**II**	**Misc.**	**Good/Low**	**WG-1**	**Gym restroom**	**2% Chrysotile**
							WG-2	**Northeast boys' restroom**	**2% Chrysotile**
							WG-3	**Custodian closet**	**Sample Not Analyzed**
DW2	Drywall	Beneath gym partition wall	200 SF	NA	Misc.	NA/NA	DW-4	Beneath gym partition wall	NAD
							DW-5	Beneath gym partition wall	NAD
							DW-6	Beneath gym partition wall	NAD
JC2	Joint compound	Beneath gym partition wall	200 SF	NA	Surf.	NA/NA	JC-6	Beneath gym partition wall	NAD

NAD = No Asbestos Detected
NA = Not Applicable
SF = Square feet
LF = Linear feet
CF = Cubic Feet
[1]Category:
F = Friable
I = Category I, Non-Friable
II= Category II, Non-Friable
[2]Type;
Misc. = Miscellaneous
Surf. = Surfacing
TSI = Thermal System Insulation
[3]Condition: Good, Damaged or Significantly Damaged
Accessible during renovation or demolition with Potential for Disturbance; Low or High
[4]Sample analyzed by TEM
Quantities are approximate and should not be used for cost estimates or bidding purposes.

Summary of Asbestos Sampling

Project Name:	Gallman School	**Project Number:**	22610550
Location:	540 Brantley Street Newberry, South Carolina	**Sampling Date(s):**	November 15, 2022

HOMOGENEOUS AREA **SAMPLE DATA**

HA Area	Material Description	Material Location	Quantity	[1]Cat (F/I/II)	[2]Type	[3]Condition / Potential for Disturbance	Sample Number	Sample Location	Percent and Type Asbestos
							JC-7	Beneath gym partition wall	NAD
							JC-8	Beneath gym partition wall	NAD
LN3	Brown linoleum	Hall beneath gym	30 SF	NA	Misc.	NA/NA	LN-7	Hall beneath gym	NAD
							LN-8	Hall beneath gym	NAD
							[4]LN-9	Hall beneath gym	NAD
RF	Built up roof	Roof	39,200 SF	NA	Misc.	NA/NA	RF-1	Roof	NAD
							RF-2	Roof	NAD
							[4]RF-3	Roof	NAD
S1	Black sealant	Roof	5,000 SF	NA	Misc.	NA/NA	S-1	Roof	NAD
							S-2	Roof	NAD
							[4]S-3	Roof	NAD
S2	Silver sealant	Roof parapet wall and penetration	5,000 SF	NA	Misc.	NA/NA	S-4	Parapet	<1% Chrysotile
							S-5	Parapet	<1% Chrysotile
							[4]S-6	Penetration	NAD

NAD = No Asbestos Detected NA = Not Applicable SF = Square feet LF = Linear feet CF = Cubic Feet

[1]Category: F = Friable I = Category I, Non-Friable II= Category II, Non-Friable

[2]Type; Misc. = Miscellaneous Surf. = Surfacing TSI = Thermal System Insulation

[3]Condition: Good, Damaged or Significantly Damaged Accessible during renovation or demolition with Potential for Disturbance; Low or High

[4]Sample analyzed by TEM

Quantities are approximate and should not be used for cost estimates or bidding purposes.

Abbreviations and Hazard Assessment Key

In accordance with the EPA and SCDHEC, a confirmed ACM is assigned a hazard assessment based on its present condition and potential for disturbance. The hazard assessment is used as a tool for prioritization in remedial actions regarding any identified ACM(s). The following key exhibits the criteria that compose the hazard assessment.

Present Condition

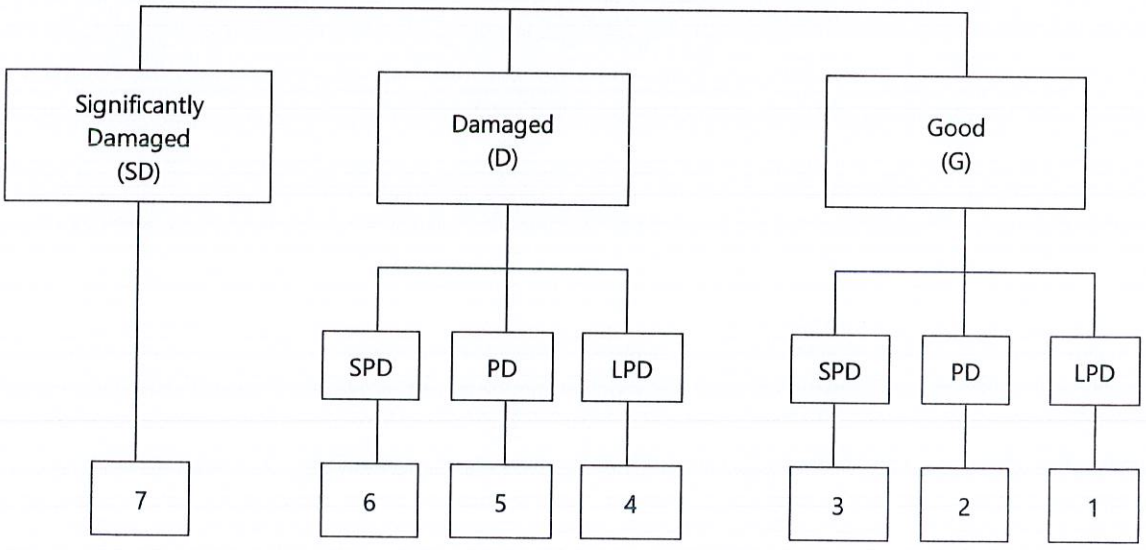
F = Friable
NF = Non-friable

G = Good (Very localized limited damage)
D = Damaged (Damage of less than 10% distributed and less than 25% localized)
SD = Significantly Damaged (Damage equal to or greater than 10% distributed, 25% localized)

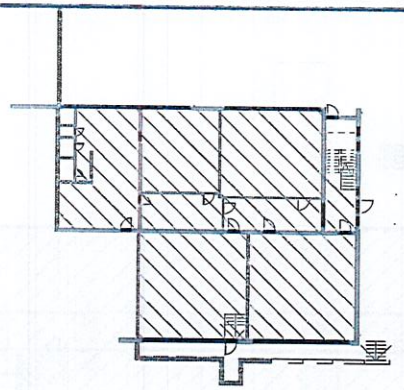
Potential for Future Disturbance

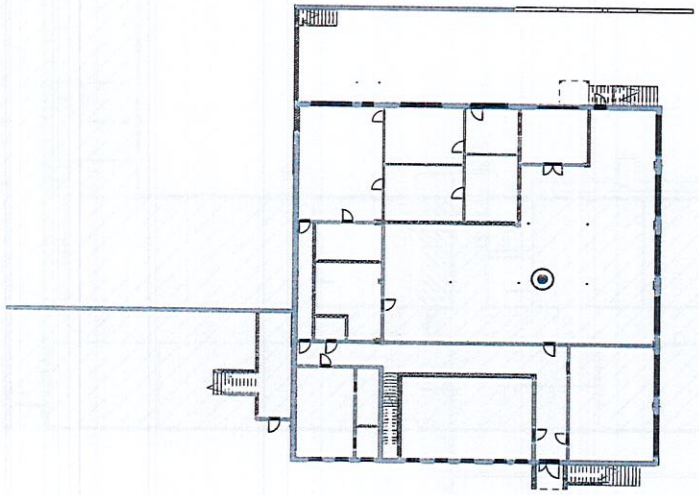
LPD = Low Potential for Disturbance (Contact, Vibration, and Air Erosion all of Low Concern)
PD = Potential for Disturbance (Contact, Vibration, or Air Erosion of Moderate Concern)
SPD = Significant Potential for Disturbance (Contact, Vibration, or Air Erosion of High Concern)

Hazard Assessment



Appendix II – ACM Location Exhibits & Site Photographs





ASBESTOS CONTAINING MATERIALS

12" DARK TAN VCT AND BLACK WITH 9" BROWN VCT AND MASTIC BENEATH

TSI AND HARD JOINT INSULATION THROUGHOUT AREA BENEATH GYM

ASBESTOS CONTAINING MATERIALS NOT DEPICTED

- EXTERIOR WINDOW GLAZING

0 30 60

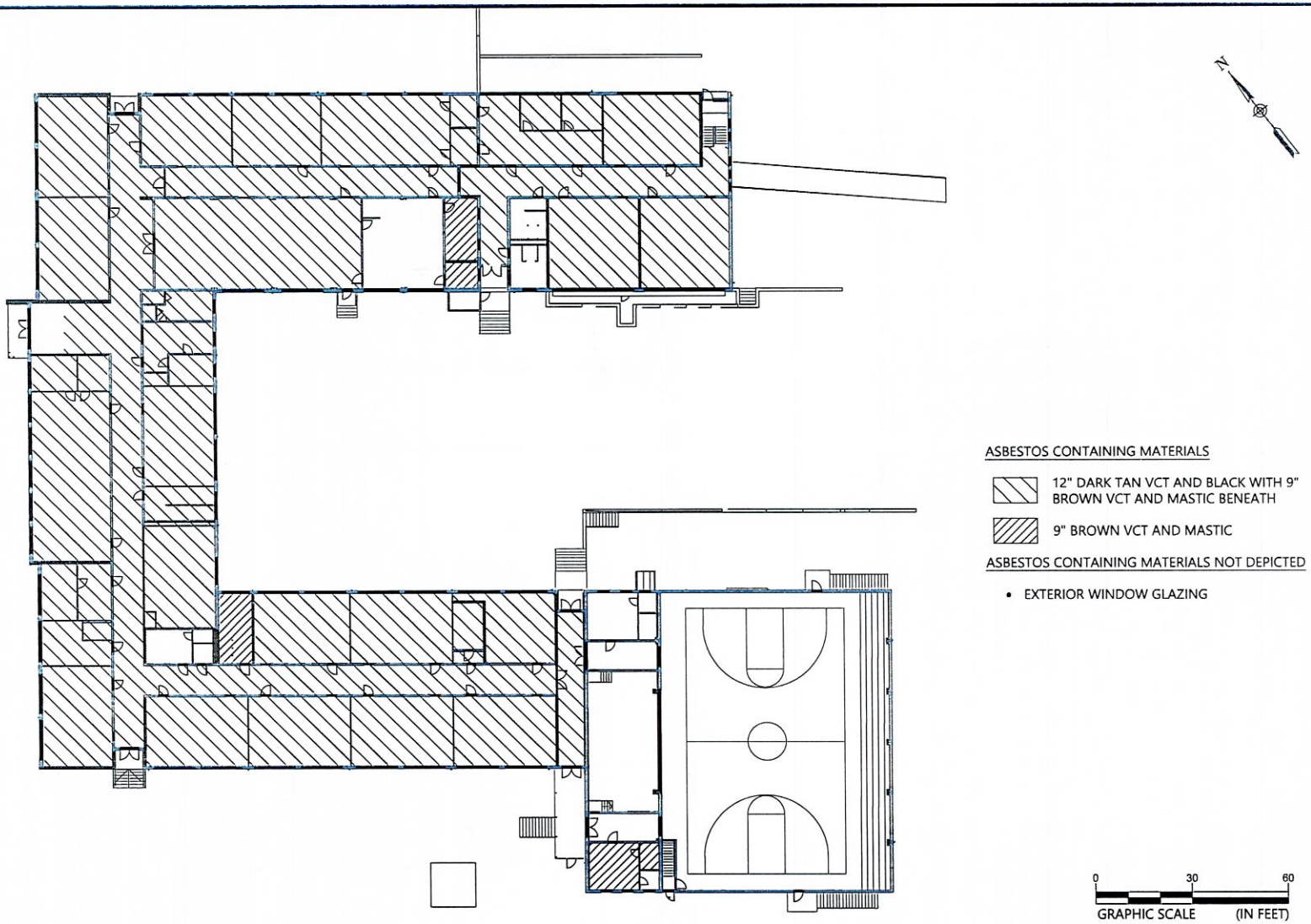
GRAPHIC SCALE (IN FEET)

HAZARDOUS MATERIAL ASSESSMENT
FIRST LEVEL

GALLMAN SCHOOL
540 BRANTLEY STREET
NEWBERRY, SOUTH CAROLINA

SCALE:	AS SHOWN
DATE:	1-05-2023
PROJECT NUMBER	22130550
FIGURE NO.	1

T:\Columbia-1610\Projects\22022261050_Moseley Architects_Gallman School Haz-Mat Assessment_Newberry, SC\4 ENV\CAD\22610550.dwg



ASBESTOS CONTAINING MATERIALS

12" DARK TAN VCT AND BLACK WITH 9" BROWN VCT AND MASTIC BENEATH

9" BROWN VCT AND MASTIC

ASBESTOS CONTAINING MATERIALS NOT DEPICTED

- EXTERIOR WINDOW GLAZING

0 30 60

GRAPHIC SCALE (IN FEET)

HAZARDOUS MATERIAL ASSESSMENT
SECOND LEVEL

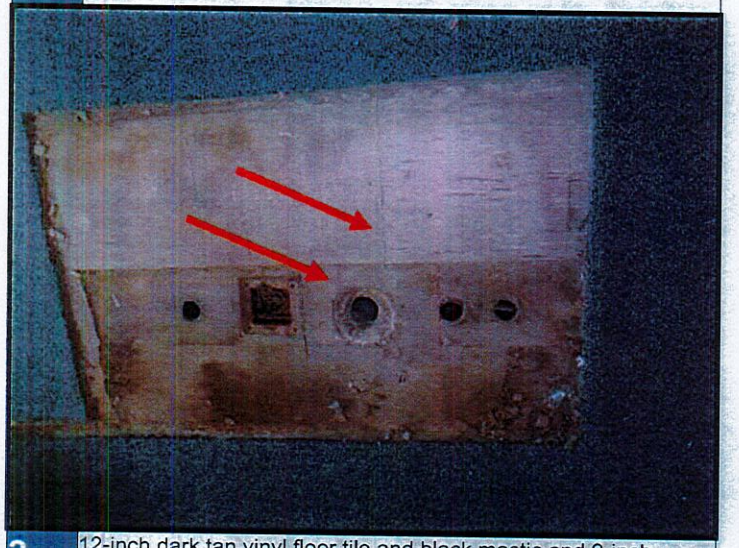
GALLMAN SCHOOL
540 BRANTLEY STREET
NEWBERRY, SOUTH CAROLINA

SCALE:	AS SHOWN
DATE:	1-05-2023
PROJECT NUMBER	22130550
FIGURE NO.	2

T:\Columbia-1610\Projects\2022\22610550_Moseley Architects_Gallman School Haz-Mat Assessment_Newberry, SC\4 ENVICAD\22610550.dwg

1 Exterior view of the subject building.

2 Spray-applied fire proofing tested negative for asbestos via PLM analysis.



3 12-inch dark tan vinyl floor tile and black mastic and 9-inch brown vinyl floor tile and mastic tested positive for asbestos (3%-6% chrysotile).

4 Window glazing tested positive for asbestos (2% chrysotile).

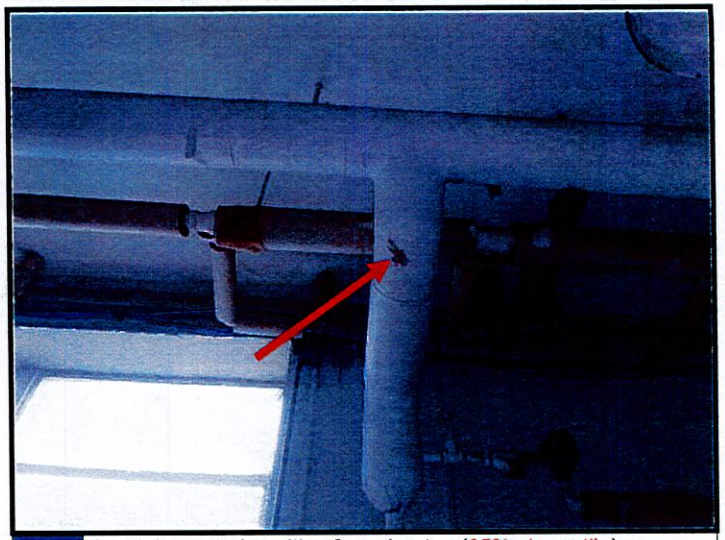
Site Photographs
Gallman School - 540 Brantley Street
Newberry, South Carolina

S&ME Project 22610550

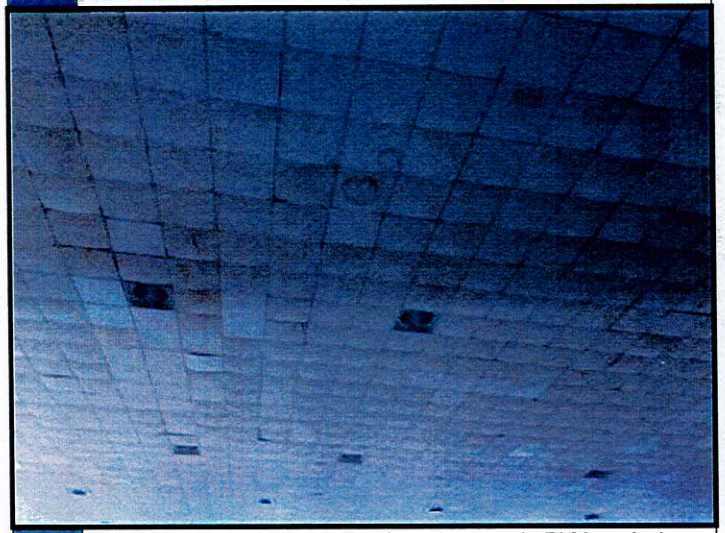
Taken by: BM, TK

Date: November 15, 2022

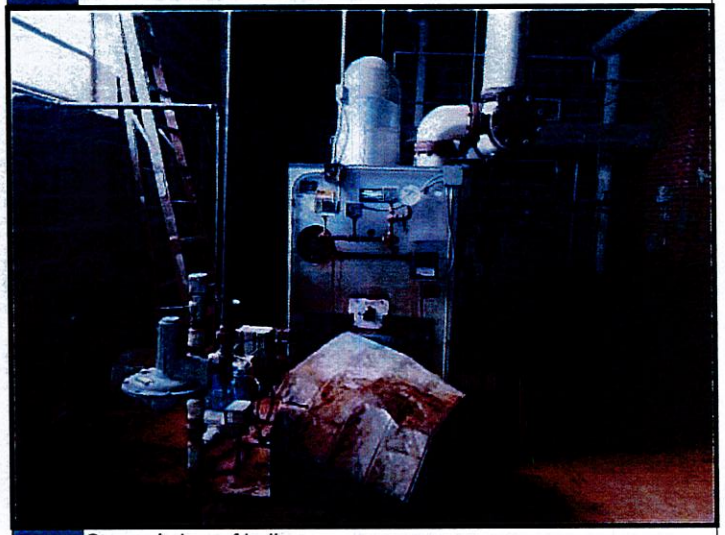
5 TSI tested positive for asbestos (15% amosite and 3% chrysotile).



6 Hard joint tested positive for asbestos (65% chrysotile).

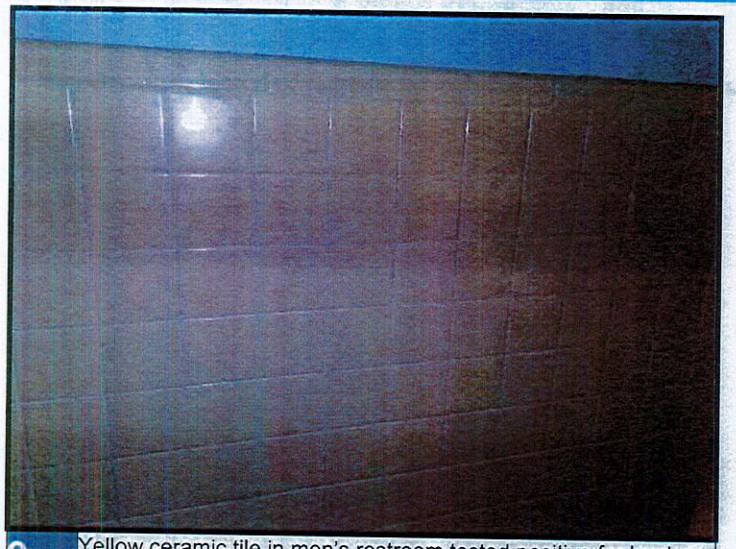


7 2x2 ceiling tile tested negative for asbestos via PLM analysis.

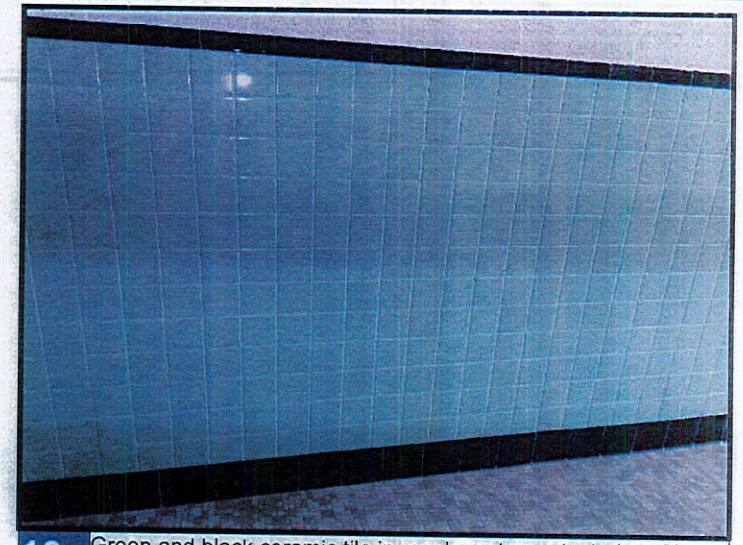


8 General view of boiler room.

Site Photographs Gallman School - 540 Brantley Street Newberry, South Carolina	S&ME Project 22610550	
	Taken by: BM, TK	Date: November 15, 2022



9 Yellow ceramic tile in men's restroom tested positive for lead-based paint (7.70 mg/cm^2).



10 Green and black ceramic tile in men's restroom tested positive for lead based paint (5.40-19.90 mg/cm^2).

11 Silver sealant on parapet walls tested (<1% chrysotile) PLM analysis and no asbestos detected by TEM.

12 General view of crawlspace.

Site Photographs
Gallman School - 540 Brantley Street
Newberry, South Carolina

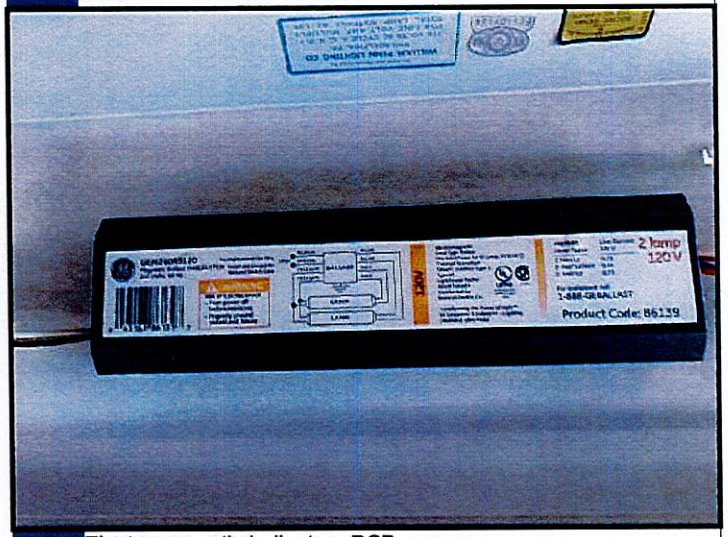
S&ME Project 22610550

Taken by: BM, TK | Date: November 15, 2022

13 Mercury thermostat in the cafeteria.

14 Ballast labeled no PCBs.

15 Ballast presumed to contain PCBs.



16 Electromagnetic ballast no PCBs.

Site Photographs Gallman School - 540 Brantley Street Newberry, South Carolina	S&ME Project 22610550	
	Taken by: BM, TK	Date: November 15, 2022

Appendix III – Copy of Inspectors' SCDHEC Licenses

SCDHEC ISSUED

Asbestos ID Card

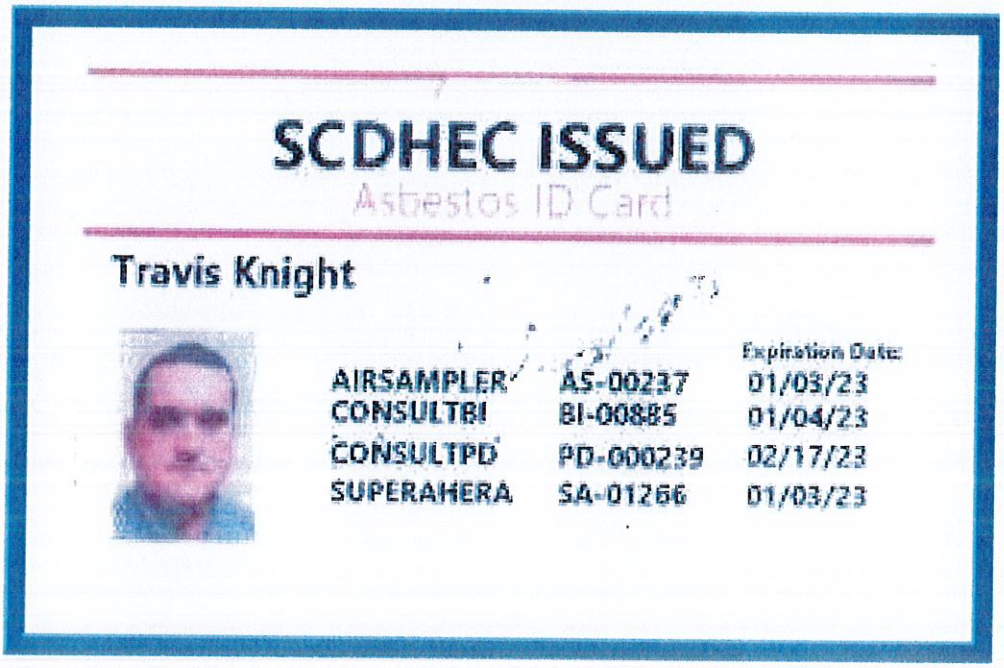
Bobby McAllister

		Expiration Date:
AIRSAMPLER	AS-004S0	01/04/23
CONSULTBI	BI-01429	01/04/23
CONSULTPD	PD-000231	02/17/23
SUPERAHERA	SA-02404	01/03/23

South Carolina Department
of
Health and Environmental Control

Asbestos License

Travis Knight



Appendix IV – Laboratory Analysis Sheets and Chain of Custody Records

9751 Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

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

Asbestos Analysis Summary

Client Name Columbia Office
Client Job Gullman School

134 Suber Rd.
Columbia SC 29210

Date Received 11/16/2022
Date Analyzed 11/17/2022

Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13594A	FT-1	BEIGE NONFIBROUS	TILE	ND		100 OTHER
22-13594B	FT-1	BLACK NONFIBROUS	MASTIC	ND		100 OTHER
22-13595A	FT-2	BEIGE NONFIBROUS	TILE	ND		100 OTHER
22-13595B	FT-2	BLACK NONFIBROUS	MASTIC	ND		100 OTHER

Analyzed by: Jane Wasilewski
Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13597A	FT-4	TAN NONFIBROUS	TILE	3 CHRYSOTILE		97 OTHER
22-13597B	FT-4	BLACK FIBROUS	MASTIC	4 CHRYSOTILE		96 OTHER
22-13598A	FT-5	TAN NONFIBROUS	TILE	3 CHRYSOTILE		97 OTHER
22-13598B	FT-5	BLACK NONFIBROUS	MASTIC	2 CHRYSOTILE		98 OTHER
22-13600	CT-1	WHITE/TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER
22-13601	CT-2	WHITE/TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13602	CT-3	WHITE/TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER
22-13603	CT-4	GREY FIBROUS		ND	45 MINERAL WOOL 30 CELLULOSE	25 PERLITE
22-13604	CT-5	GREY FIBROUS		ND	45 MINERAL WOOL 30 CELLULOSE	25 PERLITE
22-13605	CT-6	GREY FIBROUS		ND	45 MINERAL WOOL 30 CELLULOSE	25 PERLITE
22-13606	FP-1	WHITE FIBROUS		ND	100 CELLULOSE	
22-13607	FP-2	WHITE FIBROUS		ND	100 CELLULOSE	

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13608	FP-3	WHITE FIBROUS		ND	100 CELLULOSE	
22-13609	FP-4	WHITE FIBROUS		ND	100 CELLULOSE	
22-13610	FP-5	WHITE FIBROUS		ND	100 CELLULOSE	
22-13611	FP-6	WHITE FIBROUS		ND	100 CELLULOSE	
22-13612	FP-7	WHITE FIBROUS		ND	100 CELLULOSE	
22-13613	LN-1	GREY FIBROUS		ND	3 CELLULOSE 2 SYNTHETIC	95 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13614	LN-2	GREY FIBROUS		ND	3 CELLULOSE 2 SYNTHETIC	95 OTHER
22-13616	LN-4	CREAM FIBROUS		ND	3 CELLULOSE 2 SYNTHETIC	95 OTHER
22-13617	LN-5	CREAM FIBROUS		ND	5 CELLULOSE 2 SYNTHETIC	93 OTHER
22-13619A	FT-7	BROWN NONFIBROUS	TILE	5 CHRYSOTILE		95 OTHER
22-13619B	FT-7	BLACK FIBROUS	MASTIC	6 CHRYSOTILE		94 OTHER
22-13620A	FT-8	BROWN FIBROUS	TILE	5 CHRYSOTILE		95 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13620B	FT-8	BLACK FIBROUS	MASTIC	3 CHRYSOTILE		97 OTHER
22-13622A	FT-10	TAN NONFIBROUS	TILE	ND	2 CELLULOSE	98 OTHER
22-13622B	FT-10	GOLD NONFIBROUS	MASTIC	ND		100 OTHER
22-13623A	FT-11	TAN NONFIBROUS	TILE	ND		100 OTHER
22-13623B	FT-11	BLACK NONFIBROUS	MASTIC	ND	2 CELLULOSE	98 OTHER
22-13625	JC-1	WHITE NONFIBROUS		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13626	JC-2	WHITE NONFIBROUS		ND		100 OTHER
22-13627	JC-3	WHITE NONFIBROUS		ND		100 OTHER
22-13628	JC-4	WHITE NONFIBROUS		ND		100 OTHER
22-13629	JC-5	WHITE NONFIBROUS		ND		100 OTHER
22-13630	DW-1	BEIGE FIBROUS		ND	2 GLASS	98 GYPSUM
22-13631	DW-2	BEIGE FIBROUS		ND	2 GLASS	98 GYPSUM

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13632	DW-3	TAN/BEIGE FIBROUS		ND	5 CELLULOSE 2 GLASS	93 GYPSUM
22-13633	CT-7	TAN FIBROUS		ND	65 MINERAL WOOL 20 CELLULOSE	15 PERLITE
22-13634	CT-8	TAN FIBROUS		ND	65 MINERAL WOOL 20 CELLULOSE	15 PERLITE
22-13635	CT-9	TAN FIBROUS		ND	65 MINERAL WOOL 20 CELLULOSE	15 PERLITE
22-13636	BBM-1	BEIGE NONFIBROUS		ND		100 OTHER
22-13637	BBM-2	BEIGE NONFIBROUS		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13639	PL-1	WHITE NONFIBROUS	SKIM COAT (ONLY)	ND		100 OTHER
22-13640A	PL-2	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER
22-13640B	PL-2	TAN GRANULAR	PLASTER	ND		100 OTHER
22-13641A	PL-3	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER
22-13641B	PL-3	TAN GRANULAR	PLASTER	ND		100 OTHER
22-13642A	PL-4	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: *Issued 11/18/22*

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
22-13642B	PL-4	TAN GRANULAR	PLASTER	ND		100 OTHER
22-13643A	PL-5	WHITE NONFIBROUS	SKIM COAT	ND		100 OTHER
22-13643B	PL-5	TAN/GREY GRANULAR	PLASTER	ND		100 OTHER
22-13644	TSI-1	WHITE FIBROUS		15 AMOSITE 3 CHRYSOTILE		82 OTHER
22-13645	TSI-2	WHITE FIBROUS		15 AMOSITE 3 CHRYSOTILE		82 OTHER
22-13646A	TSI-3	BEIGE FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13646B	TSI-3	WHITE FIBROUS	INSULATION	15 AMOSITE 3 CHRYSOTILE		82 OTHER
22-13647A	HJ-1	TAN FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER
22-13647B	HJ-1	GREY FIBROUS	INSULATION	65 CHRYSOTILE		35 OTHER
22-13648A	HJ-2	TAN FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER
22-13648B	HJ-2	GREY FIBROUS	INSULATION	65 CHRYSOTILE		35 OTHER
22-13649A	HJ-3	TAN FIBROUS	WRAP	ND	99 CELLULOSE	1 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: *Issued 11/18/22*

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13649B	HJ-3	GREY FIBROUS	INSULATION	65 CHRYSOTILE		35 OTHER
22-13650	WG-1	BEIGE FIBROUS		2 CHRYSOTILE		98 OTHER
22-13651	WG-2	BEIGE FIBROUS		2 CHRYSOTILE		98 OTHER
22-13653	DW-4	BEIGE FIBROUS		ND	2 CELLULOSE	98 GYPSUM
22-13654	DW-5	BEIGE FIBROUS		ND	2 CELLULOSE	98 GYPSUM
22-13655	DW-6	BEIGE FIBROUS		ND	2 CELLULOSE	98 GYPSUM

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13656	J-6	WHITE NONFIBROUS		ND		100 OTHER
22-13657	J-7	WHITE NONFIBROUS		ND		100 OTHER
22-13658	J-8	WHITE NONFIBROUS		ND		100 OTHER
22-13659	LN-7	BROWN FIBROUS		ND	2 GLASS	98 OTHER
22-13660	LN-8	BROWN FIBROUS		ND	2 GLASS	98 OTHER
22-13662A	RF-1	BLACK FIBROUS	ROOF	ND	25 GLASS	75 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13662B	RF-1	GREY FIBROUS	INSULATION	ND	98 CELLULOSE	2 PERLITE
22-13663A	RF-2	BLACK FIBROUS	ROOF	ND	25 GLASS	75 OTHER
22-13663B	RF-2	GREY FIBROUS	INSULATION	ND	98 CELLULOSE	2 PERLITE
22-13664	RF-3	GREY FIBROUS	INSULATION	ND	98 CELLULOSE	2 PERLITE
22-13665	S-1	BLACK FIBROUS		ND	2 CELLULOSE	98 OTHER
22-13666	S-2	BLACK FIBROUS		ND	2 CELLULOSE	98 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 22610550

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
22-13668	S-4	SILVER/BLACK FIBROUS		<1 CHRYSOTILE	20 SYNTHETIC	80 OTHER
22-13669	S-5	SILVER/BLACK FIBROUS		<1 CHRYSOTILE	20 SYNTHETIC	80 OTHER

Analyzed by: Jane Wasilewski

Additional Comments: Issued 11/18/22

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This report shall not be reproduced except in full with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

PLM = 5 day
TEM = 3 day

BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:	☐ 24-Hour	☐ 48-Hour	☐ 3 Day	☐ Same Day / ☐ 6-10 Day

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME
22610550	Gallman	GT	11/15/22	1615
FACILITY		RECEIVED BY:	DATE	TIME
Gallman			11/16/22	1:10 pm
SAMPLER(S)	DATE TAKEN	NOTES:		
TK / BM	11/15/22			

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
FT-1	22-13594	12" White Lbrn VCT; Blk Mastic	Foyer	10x12	
2	95	↓	↓		no. 3
3	96	↓	↓		
FT-4	97	12" Dark Tan VCT; Blk Mastic	Hall		
5	98	↓	↓		no. 3
6	13599	↓	↓		
CT-1	13600	12" Spline Ceiling tile	Hall		
2	01	↓	Library		
3	02		Hall		
CT-4	03	2x4 Ceiling tile	Foyer		
5	04	↓			
6	05				
FP-1	06	Spray-Applied Fire Proofing	1st Floor SE wing		
2	07	↓	↓		
3	08				
4	09				
5	10				
6	11		Lower Classroom Level		
7	13612	↓	↓		
	—				

BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:			☐ Same Day
☐ 24-Hour	☐ 48-Hour	☐ 3 Day	☐ 6-10 Day

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME
FACILITY		RECEIVED BY:	DATE 4/16/22	TIME
SAMPLER(S)	DATE TAKEN	NOTES:		

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
LN-1	22-13613	Tan Pebble Linoleum	Cafeteria		
2	14	↓			} NOB
3	15		Classroom 10 Restroom		
LN-4	16	Cream Mottled Linoleum	Office		
5	17	↓	↓		} NOB
6	18				
FT-7	19	9" BRN VCT ? Mastic	Hall Beneath 12"		
8	20		Cafeteria Beneath Linoleum		} NOB
9	21	↓	Office Beneath Carpet + 12" tile		
FT-10	22	12" TAN Mottled VCT ? Mastic	Office Beneath Carpet		
11	23		Hallway Edge		} NO13
12	24	↓	↓		
JC-1	25	Joint Compound	room 13		
2	26		room 1		
3	27		↓		
4	28		Room 13		
5	29	↓	↓		
DW-1	30	Drywall	room 13		
2	31		room 1		
3	13632	↓	↓		

BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:			☐ Same Day
☐ 24-Hour	☐ 48-Hour	☐ 3 Day	☐ 6-10 Day

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME
FACILITY		RECEIVED BY:	DATE 11/16/22	TIME
SAMPLER(S)	DATE TAKEN	NOTES:		

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
CT-1	22-13633	2x2 Ceiling Tile	Gym	100 x 72	
8	34	"	"		
9	35	"	"		
BBM-1	36	Baseboard Mastic	Lower Class Room		NOB
2	37	"	Foyer		
3	38	"	Hall		
PL-1	39	Plaster	Kitchen		
2	40	"	"		
3	41	"	"		
4	42	"	"		
5	43	"	"		
TJ-1	44	TJ	Beneath Gym - office	~~[illegible]~~	200 LF
2	45	"	"		
3	46	"	"		
HJ-1	47	Hard Joint	Beneath Gym - office	45 HJ	
2	48	"	"		
3	49	"	"		
WG-1	50	Window Glazing	Exterior Window		NOB
2	51	"	"		
3	13652	"	"		

BULK SAMPLE

CHAIN OF CUSTODY RECORD

Requested Turn Around Time:			☐ Same Day
☐ 24-Hour	☐ 48-Hour	☐ 3 Day	☐ 6-10 Day

PROJECT NO.	PROJECT NAME:	RELINQUISHED BY:	DATE	TIME
FACILITY		RECEIVED BY:	DATE 4/16/22	TIME
SAMPLER(S)	DATE TAKEN	RELINQUISHED BY:	DATE	TIME / RECEIVED BY:

SAMPLE #	LAB NUMBER	MATERIAL	LOCATION	QUANTITY	COMMENTS / SPECIAL INSTRUCTIONS
DW-4	22-13653	Drywall	Beneath gym Partition wall	100 SF	
5	54	"	"		
6	55	"	"		
5-6	56	Joint Compound	Beneath Gym Partition wall	100 SF	
7	57	"			
8	58	"			
LN-7	59	Brown Linoleum	Hall Beneath gym	~30 SF	} No 13
8	60	"	"		
9	61	"	"		
RF-1	62	Built up Roof	Roof		} No 7
2	63	"	"		
3	64	"	"		
S-1	65	Black Sealant	Roof		} No 13
2	66	"	"		
3	67	"	"		
S-4	68	Silver Sealant	Parapet		} No 13
5	69	"	"		
6	13670	"	Penetration		

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412211827
Customer ID: SMEI54
Customer PO: 22610550
Project ID:

Attention: Jane Wasilewski
S&ME, Inc.
9771D Southern Pine Blvd.
Charlotte, NC 28273

Project: 22610550

Phone: (704) 940-1830
Fax: (704) 565-4929
Received Date: 11/18/2022 12:30 PM
Analysis Date: 11/21/2022
Collected Date:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
FT-3 *412211827-0001*	Tile	Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
FT-3 *412211827-0002*	Mastic (Black)	Black Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
LN-3 *412211827-0003*	Sheet Floor Only	Gray/Green Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
LN-6 *412211827-0004*	Sheet Floor Only	Gray Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
FT-12 *412211827-0005*	Tile	Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
FT-12 *412211827-0006*	Mastic	Black Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
BBM-3 *412211827-0007*	Mastic Only	Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
LN-9 *412211827-0008*	Sheet Floor Only	Brown/Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
RF-3 *412211827-0009*	Roof	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
S-3 *412211827-0010*	Sealant	Black Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
S-6 *412211827-0011*	Sealant	Black/Silver Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Initial report from: 11/21/2022 11:06:38

EMSL Analytical, Inc.
10801 Southern Loop Blvd Pineville, NC 28134
Tel/Fax: (704) 525-2205 / (704) 525-2382
http://www.EMSL.com / charlottelab@emsl.com

EMSL Order: 412211827
Customer ID: SMEI54
Customer PO: 22610550
Project ID:

Attention: Jane Wasilewski
S&ME, Inc.
9771D Southern Pine Blvd.
Charlotte, NC 28273

Project: 22610550

Phone: (704) 940-1830
Fax: (704) 565-4929
Received Date: 11/18/2022 12:30 PM
Analysis Date: 11/21/2022
Collected Date:

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types

Analyst(s)

Derrick Young (11)

Lee Plumley, 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. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Initial report from: 11/21/2022 11:06:38

OrderID: 412211827

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only): 412211827

EMSL ANALYTICAL, INC.
10801 SOUTHERN LOOP BLVD
PINEVILLE, NC 28134
PHONE: 704-525-2205
FAX: 704-525-2382

Company : S&ME Inc.	**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 9751 Southern Pine Blvd.	
City: Charlotte / **State/Province: NC**	**Zip/Postal Code: 28273** / **Country:**
Report To (Name): Jane Wasilewski	**Telephone #: 704-940-1830**
Email Address: jwasilewski@smeinc.com	**Fax #:** / **Purchase Order:**
Project Name/Number:	**Please Provide Results:** ☐ Fax ☒ Email
U.S. State Samples Taken:	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour | ☐ 6 Hour | ☐ 24 Hour | ☐ 48 Hour | ☒ 72 Hour | ☐ 96 Hour | ☐ 1 Week | ☐ 2 Week

**For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PCM - Air ☐ Check if samples are from NY
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☐ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☒ TEM-EPA-NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ TEM Qual. via Filtration Technique
- ☐ TEM Qual. via Drop-Mount Technique

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** | **Filter Pore Size (Air Samples):** ☐ 0.8µm ☐ 0.45µm

Samplers Name: | **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
FT-3	Tile		
↓	Mastic (Black)		
LN-3	sheet Floor only		
LN-6	Sheet Floor only		
FT-12	Tile		
↓	Mastic		
BBm-3	Mastic only		
LN-9	sheet Floor only		

Client Sample # (s): **Total # of Samples:** 11

Relinquished (Client): **Date:** 11/18/22 **Time:**

Received (Lab): QC **Date:** 11/18/22 **Time:** 12:30 W/I

Comments/Special Instructions:
****EMAIL INVOICE TO: smeinc_invoice@concursolutions.com with this contact printed on the invoice: Travis Knight

252-670-5550

OrderID: 412211827

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

11827

EMSL ANALYTICAL, INC
10801 SOUTHERN LOOP BLVD
PINEVILLE NC, 28134
PHONE: 704-525-2205
FAX: 704-525-2382

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RF-3	Roof		
S-3	Sealant		
S-6	sealant		

***Comments/Special Instructions:**

Page 2 of 2 pages

Appendix V – Summary of XRF Lead Analyzer Readings

XRF LEAD-BASED PAINT READING SUMMARY TABLE

Serial #95004
PAINT
Project No.: 22610550
Site: Gallman School 540 Brantley Street
Date: November 15, 2022
Ranges (NEG<INC<POS): Device PCS

Reading Number	Floor/Area	Room	Feature	Substrate	Condition	Color	Result	XRF Reading (mg/cm²)
1			Shutter					
2			Pre-Calibrate					1.00
3			Pre-Calibrate					0.90
4			Pre-Calibrate					0.90
5	Interior	Foyer	Front door	Metal	Non-deteriorated	White	Negative	<LOD
6	Interior	Foyer	Door frame	Wood	Non-deteriorated	Red	Negative	0.13
7	Interior	Foyer	Radiator	Metal	Non-deteriorated	Red	Negative	0.07
8	Interior	Foyer	Wall	CMU	Non-deteriorated	White	Negative	<LOD
9	Interior	Classroom 10	Door	Wood	Non-deteriorated	White	Negative	<LOD
10	Interior	Classroom 10	Door frame	Metal	Non-deteriorated	Tan	Negative	0.05
11	Interior	Classroom 10	Wall	CMU	Non-deteriorated	Tan	Negative	<LOD
12	Interior	Classroom 10	Radiator	Metal	Non-deteriorated	Tan	Negative	0.14
13	Interior	Classroom 10	Window frame	Metal	Non-deteriorated	Tan	Negative	0.19
14	Interior	Classroom 10	Wall	CMU	Non-deteriorated	Blue	Negative	<LOD
15	Interior	Hallway	Window frame	Metal	Non-deteriorated	Red	Negative	0.04
16	Interior	Hallway	Door	Metal	Non-deteriorated	Red	Negative	<LOD
17	Interior	Hallway	Wall	CMU	Non-deteriorated	White	Negative	<LOD
18	Interior	Hallway	Door frame	Metal	Non-deteriorated	Purple	Negative	<LOD
19	**Interior**	**Mens restroom**	**Tile**	**Ceramic**	**Non-deteriorated**	**Yellow**	**Positive**	**7.70**
20	Interior	Mens restroom	Stall	Wood	Non-deteriorated	Purple	Negative	<LOD
21	Interior	Mens restroom	Door frame	Metal	Non-deteriorated	Brown	Negative	0.10
22	Interior	Mens restroom	Wall	CMU	Non-deteriorated	Light Blue	Negative	<LOD
23	Interior	Mens restroom	Floor	Ceramic	Non-deteriorated	Yellow	Negative	<LOD
24	Interior	Classroom 9	Wall	CMU	Non-deteriorated	Green	Negative	<LOD
25	Interior	Classroom 9	Shelf	Wood	Non-deteriorated	Blue	Negative	0.03
26	Interior	Classroom 9	Door frame	Metal	Non-deteriorated	White	Negative	<LOD
27	Interior	Classroom 9	Door	Wood	Non-deteriorated	White	Negative	<LOD
28	**Interior**	**Girls restrooms**	**Tile**	**Ceramic**	**Non-deteriorated**	**Green**	**Positive**	**19.90**
29	**Interior**	**Girls restrooms**	**Tile**	**Ceramic**	**Non-deteriorated**	**Black**	**Positive**	**5.40**
30	Interior	Girls restrooms	Floor	Ceramic	Non-deteriorated	Green	Negative	0.02
31	Interior	Girls restrooms	Stall	Metal	Non-deteriorated	Light Blue	Negative	<LOD
32	Interior	Girls restrooms	Window frame	Metal	Non-deteriorated	Blue	Negative	<LOD
33	Interior	Gym	Wall	CMU	Non-deteriorated	White	Negative	<LOD
34	Interior	Gym	Wall	CMU	Non-deteriorated	Grey	Negative	<LOD
35	Interior	Gym	Door	Metal	Non-deteriorated	Brown	Negative	<LOD
36	Interior	Gym	Door frame	Metal	Non-deteriorated	Brown	Negative	<LOD
37	Exterior		Door	Metal	Non-deteriorated	Brown	Negative	<LOD
38	Exterior		Handrail	Metal	Deteriorated	Blue	Negative	<LOD
39	Exterior		Gutter	Metal	Deteriorated	White	Negative	0.3
40	Exterior		Window frame	Metal	Deteriorated	White	Negative	<LOD
41	Exterior		Crawlspace door	Wood	Deteriorated	White	Negative	<LOD
42	Exterior		Handrail	Metal	Deteriorated	White	Negative	<LOD
43	Exterior		Door	Metal	Deteriorated	Blue	Negative	0.26
44	Exterior		Step	Concrete	Deteriorated	Light Blue	Negative	<LOD
45	Exterior		Handrail	Metal	Deteriorated	Light Blue	Negative	<LOD
46	Exterior		Shop door	Wood	Deteriorated	White	Negative	<LOD
47		Post-Calibrate						0.90
48		Post-Calibrate						1.00
49		Post-Calibrate						0.90

Gallman Community Center - Proposed Project Schedule

Updated: April 29, 2024

Phase Legend: SD DD CD B/P CA

	Start Date	Completion Date
Pre-Design	04/29/2024	05/10/2024
Schematic Design	07/01/2024	07/26/2024
Design Development	07/29/2024	09/13/2024
Construction Documents	09/16/2024	10/25/2024
Bidding/Permitting	10/28/2024	12/20/2024
Construction Administration	12/30/2024	07/25/2025