



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

DESCRIPTION: Furnish all required labor, materials and equipment necessary to provide Scope-of-Service at the described location. Work is being authorized by SynergyNDS as part of the TurnKey Recovery ProgramSM (Contractor Direct Repair Program) in limited partnership with the Florida Municipal Insurance Trust (FMIT).

LOCATION: Civic Center | 8 Harrison Ave., Panama City, FL 32401

SUBMITTAL INSTRUCTIONS: For purposes of generating bid - IFB Packet includes scope specifications and bid sheet specific to referenced project

- Bids shall be received no later than 02/06/19 (emailed to bids@synergynds.com)
- Include Subject Line Reference: **GC2018092556-6894-4649: Civic Center – Abatement**
- Contractor is required to identify and validate all necessary task items, measurements/dimensions &/or other applicable conditions in support of described scope-of-work. Contractor's Bid is to account for all work to be performed in accordance to trade standards and as required by Ordinance & Law.
- Bid shall be completed and submitted using **ONLY** the **Contractor Submittal Form** (provided at the end of the IFB Packet).
- Bid award will be made based on best overall LUMP SUM project value as determined by SynergyNDS in accordance to market valuation, project demands &/or critical path. Factors other than price may affect the bid award, such as ability to complete work in allotted time, quality of work performed, criteria of the FMIT Member, or other contributing factors.
- Bids received after above deadline or that are not submitted in accordance to Submittal Instructions may be rejected.
- SynergyNDS reserves the right to modify this IFB at any time during the bid process. Notice to all bidders will be given.

RETURN BID TO:

SynergyNDS / Hurricane Michael Recovery
FMIT Turnkey Recovery Program
Attention: bids@synergynds.com

Request On-Site Project Visit by emailing hurricanemichael@synergynds.com



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

SCOPE OF WORK: Scope includes labor, tools, equipment, PPE, materials, supervision, and insurance necessary to complete the work described in general below. All scope-of-work shall be completed in accordance to manufacture specifications, building codes and applicable industry standards. Work is to begin no later than 2 weeks from contract award notification. Work is to be completed within 60 days from project start date (or other agreed date in writing) excluding unforeseen conditions. Any concerns with timeline is to be discussed with onsite project manager and an email is to be sent to hurricanemichael@synergynds.com for contract documentation.

1. Asbestos Abatement

- Asbestos abatement is required in areas as identified in the industrial hygienist (IH) repot. Appendix #1
 - The area of concern is primarily the duct work wrapping.
- Remove all identified material in an approved method.
- Legally dispose of all material.
- Properly clean area after abatement is completed to ensure no positive materials are left.
- Preform all work in a safe manor in accordance to current safety rules and regulations.
- Bid is to be broke out per abatement item as listed in the IH report.



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

TERMS & CONDITIONS:

- The contractor shall abide by all applicable federal, state, and local regulations and codes and building owner policies.
- Contractor is to obtain their own permits. Permits can be obtained by contacting EPCI.
- Contractor is required to call in for all required inspections.
- Contractor to abide by all applicable OSHA requirements and standards. Contractor shall require all employees to utilize proper PPE, including but not limited to: fall protection harnesses, hard hats, safety glasses, safety foot wear, and gloves.
- The contractor shall provide Material Safety Data Sheets (MSDS) to the industrial hygienist of record (IHC, Corp.) for chemical-based products that will be used including, but not limited to, glues, cleaners, solvents, anti-microbial products, sanitizing agents, etc. The industrial hygienist of record retains the right to not allow the use of any of the products selected.
- The contractor shall be responsible for supplying any and all necessary equipment to complete outlined scope of work. Which may include but is not limited to:
 - Dumpsters for any waste materials, debris, etc.
 - Storage containers for materials, cleaning equipment, machinery, etc.
 - Scaffolding. Scaffolding shall be OSHA approved and inspected prior to commencement of work.
- The contractor shall keep the Project Site and the surrounding areas free from the accumulation of waste materials, debris, etc. caused by operations performed under this Scope of Work. Upon completion, the contractor shall remove from Project Site, and surrounding areas:
 - Any waste materials, debris, etc. caused by completing the outlined Scope of Work.
 - Any tools, cleaning equipment, machinery, surplus materials originally furnished by the contractor
- The contractor shall be responsible for field verifying all conditions prior to implementation of this scope of work.
- The contractor shall provide and implement a site-specific health and safety plan to include hazard communication and related OSHA.



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

- The contractor is responsible to ensure that any sub-contractors comply with the provisions and terms of this scope of work.
- The contractor is responsible for submitting project and associated contract documents (labor and materials cost rates, worker logs, incidence logs, insurance related documentation, list of completed scope list items, change orders and any written or documented deviations from the contract) each week and a final closeout report with the same information within 30 days after restoration project completion.
- If the contractor determines that deviations, modifications (change order or supplemental costs) from the initial scope-of-work are required, the Contractor shall submit a written request to SynergyNDS for review and approval prior to start of any additional work not otherwise included in initial BID. The written request will contain, at a minimum:
 - Reason for deviation or modification
 - Description of deviation or modification
 - Estimated time required for deviation or modification
 - Project cost addition or subtraction for deviation or modification
- The contractor is NOT responsible for any conditions or activities the building owner or employees implemented prior to their arrival to the job site. This includes removal of contents, equipment or personnel from the affected areas to the non-affected areas of the building.
- During the cleaning work, pre-existing damage to the building, building system failures, etc. may be found. If this occurs, the contractor will identify, document and record these deficiencies for review and consideration. The item shall be described, the location of the item shall be noted, the date the item was discovered and why the item was discovered. The contractor shall notify the Project Manager of any additional discoveries.

PAYMENT: Project is managed by SynergyNDS, Inc., under the FMIT Turnkey Recovery Direct Repair Program. Payment will be made directly from the Turnkey Recovery Contractor Direct Repair Program to the contractor(s) in accordance with described terms & conditions. At SynergyNDS, Inc.'s discretion, qualified contractors may be eligible for an upfront material deposit or progress payments as determined prior to BID AWARD.



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

PAYMENT TERMS: Payments will be made after inspection and approval of work by SynergyNDS, City Building Official &/or Insurance Adjuster. Accurate invoices and required project documentation must be submitted to SynergyNDS for project audit prior to payment.

HOLD HARMLESS: To the fullest extent permitted by law, the Contractor/Vendor shall indemnify, defend, and hold harmless SynergyNDS, Inc, & FMIT, their officers, agents, employees, elected, and appointed officials, Insurance Representatives and volunteers from and against any and all claims, losses or liability, including attorney's fees, arising from injury or death to persons or damage to property occasioned by any act, omission, or failure of the Contractor/Vendor and any of its officers, agents, employees, and volunteers in satisfying the terms required by this contract.

RIGHT TO ACCEPT, REJECT AND WAIVE DEFECTS: FMIT &/or Contracting Agent reserves the right to: reject all quotations; waive formalities, technical defects, and minor irregularities; accept the quotation (if any) deemed most advantageous to and in the best interests of Insured Members of FMIT. Award will be based on price, contractor's daily performance capabilities, availability to provide the specified services when required &/or in accordance to critical path scheduling.

DAMAGES: Contractor will be held liable for any damage caused to the building and ancillary structure, and/or injury to the occupants resulting from the execution of the work or from not exercising proper precautionary protective measures. Any cost of repair/replacement resulting from damages shall be at the contractor's expense.

WORK-SITE PRACTICES:

- Contractor's workers, as well as the various trade contractors entering or leaving the work area, will all attend a site-specific safety meeting as well as daily safety meetings prior the scheduled work day.
- Contractor's workers entering or leaving the work area will don or remove personal protective equipment and clothing in the staging area outside of each work area.
- Waste materials transported from the bag out unit must be moved in a fashion that prevents spreading contamination outside the work area.



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

WORKER PERSONAL PROTECTION EQUIPMENT: The National Institute for Occupational Safety and Health (NIOSH) provides the following interim guidelines and warnings to restoration workers.

- Steel toed leather boots should be worn. Tennis shoes or sneakers should *not* be worn because they will transfer contamination and will not prevent punctures, bites, or crush injuries.
- Goggles, safety glasses with side shields or full-face shields shall be used when performing restoration related activities that involve demolition, cutting or the use of ANY power tools. Sun/glare-protective lenses may be needed in some work settings. The use of goggles or protective eyewear should also be worn during the application of any cleaners, sanitizers or disinfectants.
- Soft hat or another protective head cover. Wear an American National Standards Institute (ANSI) rated hardhat if there is any danger of falling debris or electrical hazards.
- Hearing protection (when working in an environment with any noise that you must shout over to be heard).

Comfortable, form fitting, light weight clothing including long pants and a long-sleeved shirt or coveralls. Additional PPE, respiratory protection, or clothing may be required when specific exposure hazards are identified or expected at the work site. In some instances, the protective ensemble components (garment, boots and gloves) may need to be impervious to contaminated flood or other site-specific chemical, physical, or biological hazards. In all instances, workers are advised to wash their hands with soap and clean water, especially before eating or drinking. Protect any cuts or abrasions with waterproof gloves and dressings. The use of insect repellent, sun block and lip balm may also be required for some work environments. Drink plenty of bottled water and take frequent rest breaks to avoid overexertion.

THERMAL STRESSES: HEAT: Workers are at serious risk for developing heat stress. Excessive exposure to hot environments can cause a variety of heat-related problems, including heat stroke, heat exhaustion, heat cramps, and fainting. To reduce the potential for heat stress, drink a glass of fluid every 15 to 20 minutes and wear loose- fitting clothing. Additionally, incorporate work-rest cycles into work routines and when possible distribute the workload evenly throughout the day.

****Temporary cooling to the work areas shall only be authorized by the owner's representative based on the actual need for the work being performed. Where the conditions allow for the operation of part or all of the ventilation systems serving the work area then the need for temporary cooling is NOT necessary. The work area should be maintained at conditions that meet OSHA requirements for health and safety.****



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

WORKING IN CONFINED SPACES: If you are required to work in a boiler, furnace, pipeline, pit, pumping station, septic tank, sewage digester, storage tank, utility vault, well, or similar enclosure, you should be aware of the hazards of working in confined spaces. A confined space has one or more of the following characteristics:

- limited openings for entry or exit;
- unfavorable natural ventilation; or
- Is not designed for continuous worker occupancy.

Toxic gases, a lack of oxygen, or explosive conditions may exist in the confined area, resulting in a potentially deadly atmosphere. Because many toxic gases and vapors cannot be seen or smelled, never trust your senses to determine if safe entry is possible. **Never** enter a confined space unless you have been properly trained, even to rescue a fellow worker! If you need to enter a confined space and do not have the proper training and equipment, contact your local fire department for assistance.

CONTRACT IMPLEMENTATION: Contract will be awarded upon review of all bids and proposals received by SynergyNDS. Initiation of contract is engaged upon written bid award letter. At such time, Contractor signed Request for Service Pricing (RFP) will serve as Contract. Complete Contract engagement will occur upon SynergyNDS receipt of all required documentation including but not limited to:

- Certificate of General Liability Insurance
- Certificate of Auto Insurance
- Builder's Risk Insurance
- Certificate of Worker's Compensation or Letter of Exemption
- Contractor's W-9
- State Licenses

Further description of insurance requirements is listed in "Insurance & Licensing Requirements."

ASSIGNMENT OF CONTRACT: Contractor shall not assign the contract or any part thereof to any person, firm, corporation or company unless such assignment is approved in writing by the Purchasing Agent. Such acceptance shall be at the sole discretion of the SynergyNDS upon request of the Contractor. Upon approved and executed written authorization, Contractor will be responsible for coordination of work with other trades. Failure to coordinate this work shall not constitute additional cost as governed by the Lump Sum Contract Award.



INVITATION FOR BID (IFB)

GC2018092556-6894-4649: Civic Center – Abatement

ASSIGNMENT OF CONTRACTOR: Contractor is responsible for supplying all required Personal Protective Equipment (PPE), including but not limited to the furnishing and appropriate use of: hard hat(s), safety glasses, face shields, ear plugs, gloves, boots, fall protection (where required), breathing protection (where required), tie off ropes/apparatuses/points (where required), fire extinguishers, first aid kits, etc. Contractor is required to be familiar with and follow all OSHA, State of Florida and Bay County safety requirements.

Contractor is to hold daily jobsite safety meetings that review the work to be performed, the hazards involved and the methods for reducing and eliminating such hazards, as well as maintain meeting records, - including attendance lists, which shall be kept onsite and available for SynergyNDS review at all times. Contractor shall be solely liable for any and all OSHA violations associated with his/her employees.

SynergyNDS reserves the right to hold weekly progress meetings for which the Subcontractor shall attend. Contractor shall be responsible for daily cleanup of the work performed herein. Failure to cleanup daily after trade will result in cleanup supplementation at Contractor's cost. Twenty-Four (24) hour notice will be given prior to supplementation. Contractor shall be responsible for delivery, loading, unloading, storage, protection, etc. of all work provided herein.

ENERGY EFFICIENCY: The Contractor shall comply with all mandatory standards and policies relating to energy efficiency which are contained in the energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub.L. 94-163) for the State in which the work under this contract is performed.

PROCUREMENT OF RECOVERED MATERIALS: (a) In accordance with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, the Contractor shall procure items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition. The Contractor should procure items designated in the EPA Guidelines that contain the highest percentage of recovered materials practical unless the Contractor determines that such items: (1) are not reasonably available in a reasonable period of time; (2) fail to meet reasonable performance standards, which shall be determined on the basis of the guidelines of the National Institute of Standards and Technology; (3) are only available at un price.

FAILURE TO COMPLY: For failure to deliver in accordance with specifications, SynergyNDS may cancel the contract or any part thereof and purchase services on the open market, charging any additional cost to the Contractor. Contractor shall comply with all applicable state, federal and local codes, and pay all permits, licenses and certificates, and other fees as required by the work.



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GC2018092556-6894-4649: Civic Center – Abatement

INSURANCE & LICENSING REQUIREMENTS: Before starting work, the Contractor will provide SynergyNDS proof of Worker's Compensation and Commercial and Public Liability Insurance. The Contractor must be licensed to do business in the State of Florida and SynergyNDS must be named as an additional insured on general liability insurance certificate.

The Contractor will carry Worker's Compensation Insurance for all employees engaged in work at the site, in accordance with State or Territorial Worker's Compensation Laws.

Commercial and Public Liability with bodily injury and property damage limits will be at a combined single limit of at least \$500,000 to protect the contractor and each subcontractor against claims for injury to or death of one or more persons.

Automobile Liability on owned and non-owned motor vehicles used on the site(s), or in connection with the sites, for a combined single limit for bodily injury and property damages of not less than \$500,000.00 per occurrence.

Builder's Work Insurance limit of at least \$5,000.00 per occurrence and \$10,000.00 aggregate.

Professional Liability \$1,000,000 per occurrence (if applicable).

Contractor will not allow insurance coverage to lapse and will provide Turnkey Recovery Project Manager with updated Certificates of Insurance as necessary. All policies must provide that at least thirty (30) days' notice of cancellation will be given to the FMIT Project Manager and the contractor.

The certificate holder(s) must be noted as:

Synergy NDS, Inc.
1400 Sarno Rd
Melbourne, FL 32935

Florida Municipal Insurance Trust
125 E. Colonial Dr.
Orlando, FL 32801



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GC2018092556-6894-4649: Civic Center – Abatement

This DOES NOT represent a commitment to buy. Any ACTUAL order resulting from this solicitation will be confirmed by Contract Engagement.

CONTRACTOR SUBMITTAL FORM

Company Name _____

Address: _____

City _____ State _____ Zip _____

Phone No _____ Email _____

I, the undersigned, have read and understood all applicable Terms & Conditions as described in the IFB Packet preceding the attached Contractor Submittal Form.

Company Contact _____ Title _____

Signature: _____ Date: _____

LUMP SUM PROPOSAL – SUBMITTAL DEADLINE 02-06-19

051001 (Civic Center) – Duct Wrap/Mastic \$ _____

Floor Tile/Mastic \$ _____

Required or Requested Material Deposit \$ _____

RETURN BID TO:

SynergyNDS / Hurricane Michael Recovery

Email: bids@synergynnds.com

Include Email Subject Line Reference: GC2018092556-6894-4649: Civic Center – Abatement

3642 Peddie Drive
Tallahassee, FL 32303

Tel: (850) 576-4652
Fax: (850) 576-4710
www.soeearth.com



FL Certificate of Authorization #3737

INDUSTRIAL HYGIENE CONSULTING, CORP.
10542 Marsh Street
Wellington, FL 33414

October 26, 2018
SESI Job No.: T18-237
SESI Asbestos Business
No.: ZA-0000092
EPA TSCA FLORIDA
LBP FIRM: LBP-15608-1

ATTENTION: Mr. Slade K. Smith

SUBJECT: Limited Asbestos Renovation Survey of Hurricane Damaged areas of the
(51001) Civic Center at 8 Harrison Ave., Panama City, FL

Dear Mr. Smith:

As requested, **Southern Earth Sciences Inc.**, has performed a Limited Asbestos NESHAPS (40 CFR Part 61) Renovation Survey of the identified Hurricane Damaged accessible areas of the (51001) Civic Center in Panama City.

Asbestos is a naturally occurring fibrous mineral that has many beneficial properties. It is resistant to acids and heat, and does not conduct electricity or heat well. It is because of these features that it was widely used in buildings constructed prior to 1980 (OSHA Presumed ACM). Even today asbestos containing building materials find their way into new construction from materials shipped into the United States from other countries. Asbestos was used in over 3,000 types of construction materials and as previously discussed is still a common additive to building materials.

REGULATORY

The Asbestos Hazard and Emergency Response Act (AHERA) is a Federal Law that describes standards methods for asbestos inspections. This act initially applied to public schools and has been accepted as a standard for the industry. This survey follows the sampling protocol for AHERA surveys.

The Occupational Safety and Health Administration (OSHA) is the regulatory agency for establishing worker safety. This survey satisfies OSHA requirements in 29 CFR 1910.1001 (General Industry) and 29 CFR 1926.1101 (Construction Industry).

The US Environmental Protection Agency (EPA) has established regulatory requirements for asbestos surveys under the National Emission for Hazardous Air Pollutants (Asbestos NESHAPS) 40 CFR Part 61. The NESHAPS requires asbestos surveys be performed for both friable and non-friable materials in buildings prior to renovation or demolition activities. This survey meets the requirements in the Asbestos NESHAPS for asbestos surveys.

DEFINITIONS

Asbestos Containing Materials (ACM): Building materials used for construction of a structure that are known or are suspect for containing asbestos.

Asbestos: Asbestos is the asbestiform varieties of chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite.

Asbestos Inspection: An evaluation performed by a trained and E.P.A. certified inspector to determine the presence or absence of Asbestos-containing materials. Asbestos inspectors engage in the survey and assessment of ACM.

Category I non-friable ACM: asbestos-containing packings, gaskets, resilient floor covering and asphalt products.

Category II non-friable ACM: any material, excluding Category I ACM, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Demolition: the removal of load-bearing walls or structural components (including roofing).

Regulated Asbestos Containing Material (RACM): (a) Friable asbestos materials, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or, (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by NESHAPS.

Renovation: the removal of any other building components other than load-bearing walls or structural components.

PHYSICAL SURVEY

On October 20th, 2018, SESI visited the (51001) Civic Center and performed an inspection for suspect asbestos-containing materials (ACM) on the identified Hurricane Damaged areas (surfacing texture, plaster skim/base, drywall/joint compound walls, 9" & 12" floor tiles/mastic, stage curtains, duct mastic, etc.). 36 bulk samples were collected from random suspect materials and sent to Eurofins CEI Labs for PLM Analysis. The laboratory results are attached to this report.

The following materials were considered suspect ACM and were sampled; laboratory results indicated that these materials were not ACM:

- 1st Floor & 2nd Floor walls - drywall (DW) with joint compound (JC) on seams and across whole surface on 1st Floor entry ceiling
- Plaster walls skim & base coats with surfacing materials
- 12" floor tiles in Box Office, 1st Flr & 2nd Flr Refreshment Areas
- Lobby/foyer ceilings 2'x2' ceiling tiles (CTs)
- 1st Floor Lobby/foyer DW walls had texture coating
- 2nd Floor Mechanical Rooms had white mastic on wall insulation and on AHU insulation
- Stage curtains

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The following suspect materials were considered suspect ACM and were sampled; laboratory results indicated that these materials were ACM:

- 1st Floor North Lobby Area had 9” vinyl asbestos floor tiles (VAT/ACM) that had previously been covered with carpet and was exposed during removal with black tile mastic (ACM)
- 2nd Floor North & South Lobby Areas had 9” VAT (ACM) with black tile mastic (ACM); again, these areas were previously covered by carpeting and were exposed during carpet removal
- 2nd Floor Center Lobby Area had carpet over black tile mastic (ACM)
- HVAC ducting in the 2nd Floor Lobby and Hallway ceilings that had black duct mastic (ACM) on the old brown paper wrap

SUMMARY OF ACM

An asbestos containing material is defined as a material that contains more than 1- percent asbestos by volume. Asbestos containing materials are placed into two categories, friable and non-friable. Friable ACM is defined as a material that can be pulverized to powder by hand pressure when dry. A summary of the analysis of suspect bulk samples collected during the survey is located on the attached Table 1.

FRIABLE ACM – NO FRIABLE ACM NOTED

CATEGORY 1 NON-FRIABLE ACM:

- The 1st Floor North Lobby and 2nd Floor North & South Lobbies had exposed 9” VAT that contained 5% chrysotile asbestos with black tile mastic that contained 5% chrysotile asbestos. This material was previously covered by carpeting that was removed as part of the remediation efforts.
- The black HVAC duct mastic on brown paper wrap (older ducting in 2nd Floor Lobby area) contained 10% chrysotile asbestos.

CATEGORY 2 NON-FRIABLE ACM – NO CATEGORY 2 ACM NOTED

RECOMMENDATIONS

A 10-working day notification to the Florida Department of Environmental Protection (DEP) is not required prior to interior renovation work on the structure provided the 9” VAT can be abated mostly intact. FDEP requires a Notification prior to abatement of VAT if it will be significantly disturbed during removal (abatement activities). **However, due to Hurricane Michael, the 10-Working Day Notification form can be marked as an Emergency Renovation since it is a potential health hazard that may lead to further costs if left in place for 10 additional days. The Notification should be submitted to FDEP prior to the actual start of abatement activity.**

A Florida Licensed Abatement Contractor should remove the identified 9” VAT/black tile mastic and black HVAC duct mastic under a Negative Pressure Enclosure (NPE) with containment, wet decon and proper abatement/disposal techniques per OSHA Work Practices and EPA Guidelines. Abatement monitoring and clearance testing should be provided by a Florida Licensed Asbestos Consultant.

GENERAL COMMENTS

This survey has been performed to identify asbestos containing materials (ACM) associated with the interior school building materials. It is not intended as an abatement specification with drawings. Quantities of materials would be verified during the pre-bid by the Contractor.

Comments and observations given above reflect an opinion as to the various materials and conditions visually observed during the inspections and should not be construed as a representation or warranty expressed or implied, as to scope, thoroughness or accuracy of the inspection.

Locating and identifying materials containing asbestos in buildings is a difficult and time- consuming task. All buildings have hidden spaces which may not be immediately obvious to a surveyor who is not intimately familiar with the building. Complicating this task is the fact that asbestos was used in many forms and in many types of materials in the construction of buildings. In some of these materials, asbestos is present, not as an intentional ingredient, but as a contaminant.

Although trained and certified inspectors were used in attempting to locate and identify materials potentially containing asbestos, we do not warrant that all materials containing asbestos have been identified. It is possible that there are materials containing asbestos that were not visible or accessible to the surveyor or, for various reasons, were not sampled.

A conscious effort is made to identify all suspect materials. There is a possibility that conditions or materials may exist which could not be identified during our survey due to physical inaccessibility and the use of nondestructive sampling methods. Materials that typically do not contain asbestos have not been sampled. These materials include but are not limited to plastics, wood, fiberglass, etc. Conclusions and recommendations given in this report are based upon our interpretation of current regulatory standards. Changes in regulatory standards may require changes in our conclusions and recommendations.

We appreciate the opportunity to be of service to you on this project should require additional information, please advise.

Sincerely,

SOUTHERN EARTH SCIENCES, INC.



Roy L. Russell
Asbestos Dept. Manager – LEP #60/CIEC
EPA TSCA LBP Inspector No.: FL-I-5950-5



Mark E. Wilson, P.E.
Florida State Licensed Asbestos Consultant
SESI Asbestos Business No.: ZA-0000092
Florida Licensed Asbestos Consultant No.: AX85
10-26-18

LABORATORY DATA

October 26, 2018

Southern Earth Sciences, Inc.
3642 Peddie Drive
Tallahassee, FL 32303

CLIENT PROJECT: Civic Center - 8 Harrison Av - PC Survey; T18-237
CEI LAB CODE: B188660

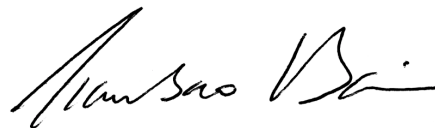
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on October 23, 2018. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

Southern Earth Sciences, Inc.

CLIENT PROJECT: Civic Center - 8 Harrison Av - PC Survey; T18-237

LAB CODE: B188660

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 10/26/18

TOTAL SAMPLES ANALYZED: 36

SAMPLES >1% ASBESTOS: 6

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Civic Center - 8 Harrison Av - PC Survey; **LAB CODE:** B188660
T18-237

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		B109135A	Green	Floor Tile	None Detected
		B109135B	Tan	Mastic	None Detected
2		B109136A	Green	Floor Tile	None Detected
		B109136B	Tan	Mastic	None Detected
3		B109137	White	Drywall/Joint Compound	None Detected
4		B109138	White	Drywall/Joint Compound	None Detected
5		B109139	White	Joint Compound	None Detected
6		B109140	White	Joint Compound	None Detected
7		B109141	White	Joint Compound	None Detected
8		B109142A	Beige	Floor Tile	Chrysotile 5%
		B109142B	Black	Mastic	Chrysotile 5%
9		B109143	White/Beige	Ceiling Tile	None Detected
10		B109144A	Gray	Floor Tile	None Detected
		B109144B	Tan	Mastic	None Detected
11		B109145A	Gray	Floor Tile	None Detected
		B109145B	Tan	Mastic	None Detected
12		B109146	White	Drywall/Joint Compound	None Detected
13		B109147A	Beige	Floor Tile	Chrysotile 5%
		B109147B	Black	Mastic	Chrysotile 5%
14		B109148	White	Drywall/Joint Compound	None Detected
15	Layer 1	B109149	Light Gray	Leveling Compound	None Detected
	Layer 2	B109149	Tan	Mastic	None Detected
16		B109150	White	Duct Mastic	None Detected
17		B109151	White	Duct Mastic	None Detected
18		B109152	White	Drywall/Joint Compound	None Detected
19		B109153	White	Drywall/Joint Compound	None Detected
20		B109154	Black	Curtain	None Detected
21		B109155	Black	Curtain	None Detected
22		B109156	White	Texture Coat	None Detected
23		B109157	White	Texture Coat	None Detected
24		B109158	Black	Duct Wrap Mastic	Chrysotile 10%

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Civic Center - 8 Harrison Av - PC Survey; **LAB CODE:** B188660
T18-237

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
25	Layer 1	B109159	White	Plaster Surfacing	None Detected
	Layer 2	B109159	Beige	Plaster Skim Coat	None Detected
	Layer 3	B109159	Beige	Plaster Base Coat	None Detected
26	Layer 1	B109160	White	Plaster Surfacing	None Detected
	Layer 2	B109160	Beige	Plaster Skim Coat	None Detected
	Layer 3	B109160	Beige	Plaster Base Coat	None Detected
27	Layer 1	B109161	White/Pink	Leveling Compound	None Detected
	Layer 2	B109161	Tan	Mastic	None Detected
	Layer 3	B109161	Black	Mastic	Chrysotile 5%
28	Layer 1	B109162A	Beige	Plaster Skim Coat	None Detected
	Layer 2	B109162A	Beige	Plaster Base Coat	None Detected
		B109162B	White	Drywall	None Detected
29	Layer 1	B109163	White	Plaster Surfacing	None Detected
	Layer 2	B109163	Beige	Plaster Skim Coat	None Detected
	Layer 3	B109163	Beige	Plaster Base Coat	None Detected
30	Layer 1	B109164	White	Plaster Surfacing	None Detected
	Layer 2	B109164	Beige	Plaster Skim Coat	None Detected
	Layer 3	B109164	Beige	Plaster Base Coat	None Detected
31		B109165	White	Mastic	None Detected
32		B109166	White	Mastic	None Detected
33		B109167	White	Mastic	None Detected
34		B109168	White	Mastic	None Detected
35		B109169	White	Mastic	None Detected
36		B109170	White	Drywall/Joint Compound	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
3642 Peddie Drive
Tallahassee, FL 32303

Lab Code: B188660
Date Received: 10-23-18
Date Analyzed: 10-26-18
Date Reported: 10-26-18

Project: Civic Center - 8 Harrison Av - PC Survey; T18-237

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
1	Floor Tile	Homogeneous	2%	Cellulose	60%	Vinyl	None Detected
B109135A		Green			38%	Calc Carb	
		Fibrous					
		Bound					
B109135B	Mastic	Homogeneous	2%	Cellulose	60%	Mastic	None Detected
		Tan			38%	Calc Carb	
		Fibrous					
		Bound					
2	Floor Tile	Homogeneous	2%	Cellulose	60%	Vinyl	None Detected
B109136A		Green			38%	Calc Carb	
		Fibrous					
		Bound					
B109136B	Mastic	Homogeneous	2%	Cellulose	60%	Mastic	None Detected
		Tan			38%	Calc Carb	
		Fibrous					
		Bound					
3	Drywall/Joint Compound	Heterogeneous	15%	Cellulose	5%	Paint	None Detected
B109137		White			15%	Calc Carb	
		Fibrous			65%	Gypsum	
		Bound					
4	Drywall/Joint Compound	Heterogeneous	15%	Cellulose	5%	Paint	None Detected
B109138		White			15%	Calc Carb	
		Fibrous			65%	Gypsum	
		Bound					
5	Joint Compound	Heterogeneous	2%	Cellulose	8%	Paint	None Detected
B109139		White			90%	Calc Carb	
		Fibrous					
		Bound					

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
3642 Peddie Drive
Tallahassee, FL 32303

Lab Code: B188660
Date Received: 10-23-18
Date Analyzed: 10-26-18
Date Reported: 10-26-18

Project: Civic Center - 8 Harrison Av - PC Survey; T18-237

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
6 B109140	Joint Compound	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected
7 B109141	Joint Compound	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected
8 B109142A	Floor Tile	Homogeneous Beige Fibrous Bound	2%	Cellulose	60% 33%	Vinyl Calc Carb	5% Chrysotile
B109142B	Mastic	Homogeneous Black Fibrous Bound	2%	Cellulose	60% 33%	Mastic Calc Carb	5% Chrysotile
9 B109143	Ceiling Tile	Heterogeneous White/Beige Fibrous Loosely Bound	60% 15%	Cellulose Fiberglass	5% 20%	Paint Perlite	None Detected
10 B109144A	Floor Tile	Homogeneous Gray Fibrous Bound	2%	Cellulose	60% 38%	Vinyl Calc Carb	None Detected
B109144B	Mastic	Homogeneous Tan Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
3642 Peddie Drive
Tallahassee, FL 32303

Lab Code: B188660
Date Received: 10-23-18
Date Analyzed: 10-26-18
Date Reported: 10-26-18

Project: Civic Center - 8 Harrison Av - PC Survey; T18-237

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
11 B109145A	Floor Tile	Homogeneous	2%	Cellulose	60%	Vinyl	None Detected
		Gray Fibrous Bound			38%	Calc Carb	
B109145B	Mastic	Homogeneous	2%	Cellulose	60%	Mastic	None Detected
		Tan Fibrous Bound			38%	Calc Carb	
12 B109146	Drywall/Joint Compound	Heterogeneous	15%	Cellulose	5%	Paint	None Detected
		White Fibrous Bound			15% 65%	Calc Carb Gypsum	
13 B109147A	Floor Tile	Homogeneous	2%	Cellulose	60%	Vinyl	5% Chrysotile
		Beige Fibrous Bound			33%	Calc Carb	
B109147B	Mastic	Homogeneous	2%	Cellulose	60%	Mastic	5% Chrysotile
		Black Fibrous Bound			33%	Calc Carb	
14 B109148	Drywall/Joint Compound	Heterogeneous	15%	Cellulose	5%	Paint	None Detected
		White Fibrous Bound			15% 65%	Calc Carb Gypsum	
15 Layer 1 B109149	Leveling Compound	Homogeneous	2%	Cellulose	98%	Binder	None Detected
		Light Gray Fibrous Bound					

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
3642 Peddie Drive
Tallahassee, FL 32303

Lab Code: B188660
Date Received: 10-23-18
Date Analyzed: 10-26-18
Date Reported: 10-26-18

Project: Civic Center - 8 Harrison Av - PC Survey; T18-237

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 B109149	Mastic	Homogeneous Tan Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
16 B109150	Duct Mastic	Homogeneous White Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
17 B109151	Duct Mastic	Homogeneous White Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
18 B109152	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	5% 15% 65%	Paint Calc Carb Gypsum	None Detected
19 B109153	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	5% 15% 65%	Paint Calc Carb Gypsum	None Detected
20 B109154	Curtain	Heterogeneous Black Fibrous Loosely Bound	100%	Cellulose			None Detected
21 B109155	Curtain	Heterogeneous Black Fibrous Loosely Bound	100%	Cellulose			None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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Project: Civic Center - 8 Harrison Av - PC Survey; T18-237

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
22 B109156	Texture Coat	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected
23 B109157	Texture Coat	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected
24 B109158	Duct Wrap Mastic	Homogeneous Black Fibrous Bound	5%	Cellulose	85%	Tar	10% Chrysotile
25 Layer 1 B109159	Plaster Surfacing	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected
Layer 2 B109159	Plaster Skim Coat	Heterogeneous Beige Fibrous Bound	2%	Cellulose	8% 75% 15%	Paint Binder Silicates	None Detected
Layer 3 B109159	Plaster Base Coat	Homogeneous Beige Fibrous Bound	2%	Cellulose	60% 13% 25%	Binder Silicates Vermiculite	None Detected
26 Layer 1 B109160	Plaster Surfacing	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous			Non-Fibrous	
Layer 2 B109160	Plaster Skim Coat	Heterogeneous Beige Fibrous Bound	2%	Cellulose	8%	Paint 75% Binder 15% Silicates	None Detected
Layer 3 B109160	Plaster Base Coat	Homogeneous Beige Fibrous Bound	2%	Cellulose	60%	Binder 13% Silicates 25% Vermiculite	None Detected
27 Layer 1 B109161	Leveling Compound	Heterogeneous White/Pink Fibrous Bound	2%	Cellulose	98%	Binder	None Detected
Layer 2 B109161	Mastic	Homogeneous Tan Fibrous Bound	2%	Cellulose	60%	Mastic 38% Calc Carb	None Detected
Layer 3 B109161	Mastic	Homogeneous Black Fibrous Bound	2%	Cellulose	60%	Mastic 33% Calc Carb	5% Chrysotile
28 Layer 1 B109162A	Plaster Skim Coat	Heterogeneous Beige Fibrous Bound	2%	Cellulose	8%	Paint 75% Binder 15% Silicates	None Detected
Layer 2 B109162A	Plaster Base Coat	Homogeneous Beige Fibrous Bound	2%	Cellulose	60%	Binder 13% Silicates 25% Vermiculite	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Southern Earth Sciences, Inc.
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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
B109162B	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
29 Layer 1 B109163	Plaster Surfacing	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected
Layer 2 B109163	Plaster Skim Coat	Heterogeneous Beige Fibrous Bound	2%	Cellulose	8% 75% 15%	Paint Binder Silicates	None Detected
Layer 3 B109163	Plaster Base Coat	Homogeneous Beige Fibrous Bound	2%	Cellulose	60% 13% 25%	Binder Silicates Vermiculite	None Detected
30 Layer 1 B109164	Plaster Surfacing	Heterogeneous White Fibrous Bound	2%	Cellulose	8% 90%	Paint Calc Carb	None Detected
Layer 2 B109164	Plaster Skim Coat	Heterogeneous Beige Fibrous Bound	2%	Cellulose	8% 75% 15%	Paint Binder Silicates	None Detected
Layer 3 B109164	Plaster Base Coat	Homogeneous Beige Fibrous Bound	2%	Cellulose	60% 13% 25%	Binder Silicates Vermiculite	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
31 B109165	Mastic	Homogeneous White Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
32 B109166	Mastic	Homogeneous White Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
33 B109167	Mastic	Homogeneous White Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
34 B109168	Mastic	Homogeneous White Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
35 B109169	Mastic	Homogeneous White Fibrous Bound	2%	Cellulose	60% 38%	Mastic Calc Carb	None Detected
36 B109170	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	5% 15% 65%	Paint Calc Carb Gypsum	None Detected

LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
 Non-Trem = Non-Asbestiform Tremolite
 Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

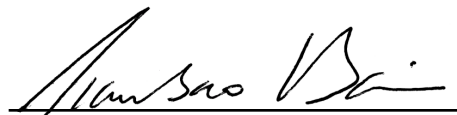
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Information provided by customer includes customer sample ID, location, volume and area as well as date and time of sampling.

ANALYST:


 Shilpa Ladekar

APPROVED BY:


 Tianbao Bai, Ph.D., CIH
 Laboratory Director



CEI

CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511

Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:

CEI Lab Code:

B188660 (36)

CEI Lab I.D. Range:

B109135 - B109170

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact: ROY L. RUSSELL	
Company: SOUTHERN EARTH SCIENCES INC.		Email / Tel: rrussell@soearth.com 850-519-1565	
Address: 3642 PEDDIE DRIVE, TALLAHASSEE, FL 32303		Project Name: CIVIC CENTER - 8 HARRISON AV - PC SURVEY	
Email: rrussell@soearth.com		Project ID#: T18-287	
Tel: 850-576-4652 Fax: 850-576-4710		PO #:	
		STATE SAMPLES COLLECTED IN: FL	

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05 (2010)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	IN-HOUSE METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:

☒ Accept Samples☐ Reject Samples

Relinquished By:

Date/Time

Received By:

Date/Time

10-22-18 1600

10/23/18 9:30AM

Samples will be disposed of 30 days after analysis

Page 1 of 3

Version: CCOC.01.18.1/2.LD

SAMPLING FORM

COMPANY CONTACT INFORMATION

Company: SOUTHERN EARTH SCIENCES INC.

Job Contact: ROY L. RUSSELL - TALLAHASSEE OFFICE

Project Name: CIVIC CENTER - 8 HARRISON AV - PC - Survey

rrussell@soearth.com ljackson@soearth.com

Project ID #: T18-237

Tel: 850-519-1565

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1	1 st FLR Box Office	12" green tile	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
2	" " " "	12" green tile	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
3	" " Entry Wall	DW/SC Composite	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
4	" " " "	DW/SC Composite	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
5	" " " " DW ceiling	JC Coat	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
6	" " " " " "	JC Coat	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
7	" " " " " "	JC Coat	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
8	" " Entry Foyer (Exposed concrete)	9" tile	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
9	" " Refreshment Area	2'X2' tile	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
10	" " Refreshment Area	12" tile	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
11	" " " "	12" tile	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
12	" " North Exit Wall	DW/SC Composite	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
13	" " Exec. Office (under floor)	9" tile	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
14	" " Box Office Wall	DW/SC Composite	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
15	" " Auditorium Entrance	level 1 Composite	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
16	" " Entry Ceiling Duct	white mastic	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
17	" " Entry Ceiling Duct	white mastic	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
18	" " Men RR Entry Wall	DW/SC Composite	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
19	" " Auditorium Wall	DW/SC Composite	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
20	" " Stage	Curtain	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
21	" " Stage	Curtain	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
22	2 nd FLR Lobby Wall	Textured paint	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
23	" " " " Column	Textured paint	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
24	" " Old AC Duct	Brown wrap Black mastic	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
25	" " Lobby Decorative Wall	Plaster	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
26	" " " " " "	Plaster	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
27	" " Center Lobby and/or carpet	Levok carpet	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>
28	" " Court Exit Wall	Plaster skim base	PLM	<input checked="" type="checkbox"/> TEM <input type="checkbox"/>

DW backer

Page 2 of 3



SAMPLING FORM

Tel: 850-519-1565

Page 3 of 3

CERTIFICATIONS



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

THE ASBESTOS BUSINESS ORGANIZATION HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

SOUTHERN EARTH SCIENCES INC

MICHAEL K. VARNER
7500-A MCELVEY ROAD
PANAMA CITY BEACH FL 32408

LICENSE NUMBER: ZA00000092

EXPIRATION DATE: NOVEMBER 30, 2019

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AX85

ISSUED: 10/09/2016

ASBESTOS CONSULTANT
WILSON, MARK E
SOUTHERN EARTH SCIENCES INC

IS LICENSED under the provisions of Ch. 469 FS
Expiration date NOV 30, 2018 L1610090002699

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

LICENSE NUMBER	
AX85	

The ASBESTOS CONSULTANT
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2018

WILSON, MARK E
SOUTHERN EARTH SCIENCES INC
3642 PEDDIE DRIVE
TALLAHASSEE FL 32303



ISSUED: 10/09/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1610090002699

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

LICENSE NUMBER	
ZA0000092	

The ASBESTOS BUSINESS ORGANIZATION
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2017

SOUTHERN EARTH SCIENCES INC
MICHAEL K. VARNER
7500-A MCELVEY ROAD
PANAMA CITY BEACH FL 32408



ISSUED: 09/13/2015

DISPLAY AS REQUIRED BY LAW

SEQ # L1509130003037



Center for Training, Research and Education for Environmental Occupations

certifies

Roy L. Russell

Southern Earth Sciences Inc, 3642 Peddie Dr., Tallahassee, FL 32303

Having passed a 25-question exam with a score of 70% or higher has successfully met training requirements for

Asbestos Refresher: Inspector

FDBPR Asbestos Licensing Unit: Provider #0000995; Course #FL49-0004731 (½ Day; 3.40 Contact Hours)
(Reaccreditation for Inspector under TSCA Title II/AHERA)

Conducted

08/07/2018

Certificate #: 190044-7231

Exam Date: 08/07/2018

EPA accreditation expires: 08/07/2019

Principal Instructor: Brian Duchene, PE, LAC

CEUs: .4

FBPR LAC: #0000995; Course #0004731

FBPE CEHs: #0004021; Course #0009083/Educational Institutions: 4 CEHs

Carol Hinton

Carol Hinton, Associate Director

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