REQUEST FOR QUOTES

Project Name: Serenity Place – Storage Building Asbestos Abatement

Project Number: 13120

Project Location: 6 Dunean Street Greenville, SC 29611

Bid Security Required: No **Performance Bond Required:** No **Payment Bond Required:** No

Description of Project: The project consists of the removal of asbestos containing materials from a storage building anticipated to be demolished. The existing building is 2,400 SF on the lower level and 800 SF at the upper level. Materials to be abated include roofing tar, joint compound, linoleum and mastic. The project is located on the Serenity Place campus at 6 Dunean Street, Greenville, SC.

Construction Cost Range: Less than \$25,000.00

Architect/Engineer: DP3 Architects, LLC

A/E Contact: Michael Pry, AIA

A/E Address: 211 East Broad Street, Greenville, SC 29601

A/E e-mail: mpry@dp3architects.com

A/E Telephone: 864.232.8200 **A/E Fax:** 864.232.7587

Note: All questions and correspondence concerning this Invitation for quotes shall be addressed to bgaskey@phoenixcenter.org with Abatement Quote in Subject line.

Documents/plans and specifications are also on file for viewing purposes at The Phoenix Center; 1400 Cleveland Street, Greenville, SC 29607; phone – 864.467.2637 or may be downloaded from the Phoenix Center website @ www.phoenixcenter.org

Plan fee: None.

Note: Only those quote documents/plans and specifications obtained from the aforementioned sources are official. Bidders relying on copies of bidding documents/plans and specifications obtained from any other source do so at their own risk.

Pre-Quote Conference Date/Time: 9:00 AM EST, Wednesday February 26, 2014

Place: Serenity Place Campus 6 Dunean Street, Greenville, SC 29611

Agency/Owner: The Phoenix Center of Greenville **Address:** PO Box 1948 Greenville, SC 29602-1948

E-mail: BGaskey@phoenixcenter.org

Telephone: 864.467.2637

Quote Closing Date/Time: 2 PM, March 6,, 2014

Hand deliver Quotes to: The Phoenix Center; Attn: Mr. Barry Gaskey; 1400 Cleveland Street;

Greenville, SC 29607

Mail Quotes to: The Phoenix Center; Attn: Mr. Barry Gaskey; 1400 Cleveland Street; Greenville, SC

29607

THE PHOENIX CENTER REQUEST FOR QUOTES 4 DUNEAN STREET STORAGE BUILDING ASBESTOS ABATEMENT

Due Date: February 28, 2014

Time: 2:00 PM, EST

February 17, 2014

To: All Interested Vendors

Re: Request for Quotes, The Phoenix Center, Serenity Place Storage Building Asbestos Abatement, Greenville, SC

1. INTRODUCTION

The Phoenix Center is anticipating vacating and demolishing a storage building located at 6 Dunean Street in Greenville, SC. In preparation for the demolition process, the Owner is seeking proposals for asbestos abatement services based on an Asbestos Survey Report, dated December 9, 2013, by Paragon Engineering and Geosciences, LLC (Attachment #1).

2. SCOPE OF WORK

The services required by the Owner include:

- Inspection and abatement of storage building (approx. 2,400 sf lower level and 800 sf upper level).
- Abatement must include the collection and disposal of all asbestos containing and contaminated materials and subsequent cleaning of contaminated areas as required by law to demolish building.
- Abatement, collection and disposal must be performed in accordance with all applicable laws.
 Vendor is solely responsible for knowledge of and compliance to all applicable laws and regulations.
- Securing all required permits and notifications as required by law. All fees for such permits and notifications are the responsibility of the Vendor. Vendor shall provide copies of all such permits and notifications to the Owner.

3. QUOTE REQUIREMENTS

All Vendors are required to provide the following information in this order with their submissions:

- A profile of the firm outlining its history and experience.
- A detailed listing of asbestos abatement experience. Vendors must have a minimum of five (5) years experience in the performance of Asbestos Abatement.
- A complete list of personnel who will be assigned to this project. This will include their relevant experience, qualifications, and responsibilities, etc. In addition, the consultant shall have knowledge of and be able to apply all applicable codes, standards and regulation to this project.
- A minimum of three (3) client references from projects of similar size and scope.
- Copies of all documentation necessary to do the work required including certifications, licenses and proof of insurance.
- Time required to execute the work requested.
- A statement of project cost. Quotes must detail services required to be provided and clearly itemize the cost of each task to be performed.

4. VENDOR REQUIREMENTS

- Vendor shall be licensed by the State of South Carolina to perform scope of services described herein, and selected vendor shall submit a copy of all required licenses and certification prior to contract award.
- Vendor shall use competent persons, certified and qualified in the techniques of asbestos abatement, handling, and disposal in strict accordance with all applicable federal, state, and local regulations, standards, and codes governing asbestos abatement and any other trade work done in conjunction with the abatement. The most recent edition of any relevant regulation, standard, document, or code shall be in effect. Where conflict among the requirements or with these specifications exists the most stringent requirements shall be utilized.
- Vendor shall perform work at a time and in a manner that offers minimum interference and disruption to the normal activities of the facility.
- Any additional work or change orders require prior written approval by the Owner. All work
 performed and completed under the resulting agreement is subject to the acceptance of the
 County or its authorized representatives.
- Failure to take corrective action within 24 hours after personal or telephonic notice by the Owner's
 representative on items affecting essential use of the facility, safety or the preservation of
 property, and within ten days following written notice on other deficiencies, will result in the
 County taking whatever corrective action it deems necessary. All costs resulting from such action
 by the County will be claimed against Vendor.
- Upon award of contract, vendor shall be required to submit a Certificate of Insurance endorsing the Owner as additional insured. See attached Sample Agreement for specific requirements.

5. MANDATORY PRE-QUOTE CONFERENCE

A conference will be held at the site, 6 Dunean Street, Greenville, SC on Wednesday, February 26, 2014 at 9:00 A.M. EST. Attendance at the pre-proposal conference is mandatory and will be the only opportunity to view the area under consideration and to review the scope of work with the Owner.

6. PROJECT SCHEDULE

Time is of the essence for this project. The Owner's preference is to have this project complete within 30 days from award date.

7. RESULTING AGREEMENT

The successful vendor will enter into a contract for services with the Owner based upon the information contained in this request for proposal and the Vendor's submission and any modifications thereto (Sample Agreement attached.) It is the vendor's responsibility to verify site conditions and specifications.

8. EVALUATION CRITERIA

The contract(s), if awarded, will be awarded to the Vendor whose proposal is considered the best value to the County. Best value will be determined based on price, responsiveness, and responsibility.

The following criteria will be used to evaluate vendor Quote:

Price

Lowest price for total cost of abatement services

Responsibility

- References and prior experience
- Vendor and employee certifications and licenses

Responsiveness

Responsiveness to terms and conditions and ability to meet the specifications of this request

Thus the result will not be determined based solely on price. Although price is a factor, the Owner will consider awarding the contract(s) to the vendor which meets the best interest of the Owner as interpreted by the Owner.

9. SUBMISSION DETAILS

Three (3) copies of proposals marked " Serenity Place Storage Building Asbestos Abatement" addressed to:

The Phoenix Center
Attn: Barry Gasque, Manager of Operations
1400 Cleveland Street
Greenville, SC 29607
(864) 467-2637
bgaskey@phoenixcenter.org

Due by Thursday, March 6, 2014 by 2:00 pm EST

Quotes will be reviewed and evaluated by the Owner's evaluation team. Quotes shall be valid for 90 days following the submission date. The Phoenix Center will not be liable for any costs incurred by the Vendor in preparing or submitting a Quote.

The Owner reserves the right to cancel this Request for Quotes for any reason without any liability to any vendor or to waive irregularities at its discretion. This solicitation does not constitute a contract, offer of employment, or offer of purchase. The Owner makes no representation any contract will be awarded to any respondent to this solicitation. The Owner also reserves the right to reject any and all Quotes at its sole discretion. All Quotes and materials submitted become property of the Owner. Vendors must also provide a signed **Waiver and General Release** (attached) with the Quote. These may be emailed, faxed, mailed or hand delivered.

10. CONTACT INFORMATION

Clarification of terms and conditions of the Quotes process shall be directed to:

The Phoenix Center
Attn: Barry Gasque, Manager of Operations
1400 Cleveland Street
Greenville, SC 29607
(864) 467-2637
bgaskey@phoenixcenter.org

Questions must be received in writing (by email bgaskey@phoenixcenter.org) by 2:00 PM EST on Tuesday, February 27, 2014. All questions and answers will be provided to each registered attendee at the Pre-Quote Conference.

We appreciate your consideration of this request and look forward to your response. Please send questions in writing to the email listed above with Abatement Quote in subject line. Answers to questions will be provided to all vendors and on agency website www.phoenixcenter.org

WAIVER AND GENERAL RELEASE RE: ACCESS TO THE PHOENIX CENTER PROPERTIES REQUEST FOR PROPOSAL SERENITY PLACE STORAGE BUILDING

In consideration of receiving a limited and permissive right to enter THE PHOENIX CENTER properties, IT IS AGREED THAT the undersigned hereby releases the THE PHOENIX CENTER, its agents, officers, directors, attorneys and employees (collectively referred to hereinafter as "OWNER") to the greatest extent provided for under law for the following matters that arise in any way out of the activities specified herein:

- 1. Any and all claims for personal injury or death to the undersigned, whether or not caused in whole or in part by the negligence or other acts or omissions of OWNER, except for OWNER's active negligence, and regardless of whether such injury is caused in whole or in part by the undersigned, whether alone or together with or in association with others;
- Any and all claims for any real or personal property damage, whether or not the property is owned by
 or in the custody or possession of the undersigned, and whether or not caused by OWNER or others,
 except for OWNER's active negligence, and regardless of whether the damage is caused in whole or
 in part by the undersigned;
- 3. Any and all claims for any damage, injury, loss, expense or liability incurred or arising from any act or omission of the OWNER, any individual, company or agency in relation to transportation services to or from OWNER facilities; and
- 4. Any and all claims for any damage, injury, loss, accident, delay, irregularity, indebtedness, expense or liability incurred or arising from weather, illness, or federal, state, county or OWNER rule, regulation or restriction.

IT IS FURTHER AGREED that the undersigned will, to the greatest extent authorized under law, indemnify, defend, hold harmless and release the OWNER from any and all claims, demands, actions, and damages, including but not limited to attorneys' fees and reasonable costs, brought against the OWNER for any injury arising out of or caused by the undersigned's negligence or any acts, omissions or conduct of the undersigned in relation to and arising out of the activities specified in this Waiver and General Release.

IT IS FURTHER AGREED that the undersigned understands, consents, and agrees to the terms and conditions set forth above, and that his/her consent and agreement to this Waiver and General Release is a condition precedent to OWNER's grant of a limited and permissive right of entry.

The foregoing is agreed to this	day of	, 2014:
PRINTED NAME	COMPANY NAME	TELEPHONE #
Signature		FAX # ()



SERENITY PLACE 6 DUNEAN STREET GREENVILLE, SOUTH CAROLINA PRE-DEMOLITION & RENOVATION ASBESTOS BUILDING INSPECTION REPORT

Prepared For:

THE PHOENIX CENTER
C/O DP3 ARCHITECTS
211 EAST BROAD STREET
GREENVILLE, SOUTH CAROLINA 27601

Prepared By:

PARAGON ENGINEERING & GEOSCIENCES, LLC 1200 WOODRUFF ROAD, SUITE G-18 GREENVILLE, SC 29607 (864) 213-1146

PARAGON PROJECT NO.: 10574-A

DECEMBER 9, 2013



December 9, 2013

The Phoenix Center c/o DP3 Architects 211 East Broad Street Greenville, SC 29601

Attention: Mr. Michael T. Pry, AIA

Subject: Pre-Demolition & Renovation Asbestos Building Inspection Report

Serenity Place 6 Dunean Street

Greenville, South Carolina PARAGON Project No. 10574-A

Dear Mr. Pry:

Paragon Engineering & Geosciences, LLC (PARAGON) has completed the Pre-Demolition & Renovation Asbestos Building Inspection, conducted on November 25, 2013 for Serenity Place located at 6 Dunean Street in Greenville, South Carolina. The asbestos survey was performed in accordance with National Emission Standard for Hazardous Air Pollutants (NESHAP), and South Carolina Department of Health and Environmental Control (SCDHEC) Regulation R61-86.1; "Standards for Performance of Asbestos Projects".

We appreciate this opportunity to be of service to you during this phase of your project. If you have any questions with regard to the information and recommendations presented in this report, or if we can be of further assistance to you in any way, please do not hesitate to contact us.

Respectfully,

PARAGON ENGINEERING & GEOSCIENCES, LLC represented by;

Terron J. Edwards Environmental Geologist

Jeun J. Filman Lo

SCDHEC BI-00576

Robin D. Bell, PE

Principal

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1.0 Project Summary

As requested by Michael Pry of DP3 Architects and subsequently authorized by The Phoenix Center, Paragon Engineering & Geosciences, LLC (PARAGON) surveyed the Serenity Place facility located at 6 Dunean Street in Greenville, South Carolina for the presence of asbestos containing materials (ACM) prior to the planned upcoming renovation of an existing 12,400 sf, single store residential treatment facility constructed circa 1999 and the demolition of an existing pre-engineered office/storage building constructed circa 1979.

The detached office/storage building is comprised of a warehouse area and two levels of office space. The Serenity Place facility is comprised of an administrative and lobby area, a dining hall, group meeting rooms, residential dormitory rooms, office spaces, daycare and preschool rooms, a kitchen and associated pantry room, hallways, and several storage and stockrooms.

The office/storage building is constructed with a steel frame on concrete slab, metal siding and roof, floors finished with various floor coverings, sheetrock panel walls and associated joint compound, wooden paneling, and ceilings finished with two ceiling tile types. The foyer room is finished with decorative wallpaper.

The Serenity Place facility is constructed on concrete slab and façade walls with a metal roofing system. The interior is finished with carpet and several types of resilient floorings and associated mastics, sheetrock panel walls and associated joint compound, ceiling tiles, and textured ceiling coating.

The attached Figures 3 and 4 depict the general layout of individual spaces within the office/storage building and the Serenity Place building, respectively. The purpose of the asbestos survey was to comply with National Emission Standard for Hazardous Air Pollutants (NESHAP), and South Carolina Department of Health and Environmental Control (SCDHEC) Regulation R61-86.1; "Standards for Performance of Asbestos Projects" prior to demolition of the building.

2.0 Survey Methodology

Asbestos Containing Material

PARAGON licensed asbestos inspector, Terron Edwards (ACM BI-00576), performed the asbestos survey of the building on November 25, 2013. The survey included collecting representative samples of suspect ACM, determination of friability and condition, estimation of quantity of suspect ACM, and laboratory analysis of representative samples for fibrous asbestos content.

Homogeneous areas based on material type and installation date were identified and bulk samples were collected from the interior and the roof of the structure. Samples were classified as friable (able to be pulverized, crumbled, or reduced to powder when dry using hand pressure), or non-friable (unable to be pulverized, crumbled or reduced to powder when dry under hand pressure). The condition of the sampled materials was noted at the time of collection.

Bulk samples were submitted by PARAGON under chain-of-custody to CEI Labs (CEI) in Cary, North Carolina for analysis of fibrous asbestos content. CEI is a National Voluntary Accreditation Program (NVLAP) accredited laboratory as required by SCDHEC regulations. Analysis of suspect ACM was

Serenity Place Facility Greenville, South Carolina

conducted using Polarizing Light Microscopy (PLM) following EPA Method 600 in compliance with SCDHEC regulations.

Pursuant to South Carolina Regulation R61.86.1, one representative sample (per homogeneous sampling area) of suspect non-friable organically bound (NOB) building materials testing negative for asbestos content via PLM was analyzed via Transmission Electron Microscopy (TEM) using the EPA approved Chatfield Method.

Bulk samples were collected from homogenous areas in accordance with SCDHEC Regulation R61.86.1 sampling methodology. Samples were collected and placed into labeled sample collection bags. Sampling instruments were decontaminated with wet-wipes to minimize the potential for cross contamination of bulk samples.

Samples were maintained by PARAGON personnel under chain of custody (COC) until shipment to CEI was achieved.

PARAGON licensed asbestos inspector Terron Edwards' (ACM BI-00576) certification is included as Appendix D.

3.0 Sample Analytical Results

Asbestos Containing Materials

Sixty-three (63) bulk samples, several including multiple layers, were submitted for PLM and TEM analyses. A total of seventy-eight (78) analyses by PLM and sixteen (16) analyses by TEM were performed on various suspect materials including: skylight panels, roofing tar, floor tiles and associated mastics, drywall and associated joint compounds, ceiling tiles, linoleum flooring and mastic, ceiling texture, and cove mastic. A *Positive Stop Procedure* implemented so that only one sample of each homogenous area testing positive for asbestos fiber content was performed.

PLM analytical results reported *detection* of asbestos with results *greater than* 1% asbestos percentage by weight in four (4) of the submitted samples from the office/storage building. Materials identified positively as asbestos containing materials include:

1. Sample SB-4, Black Roofing Tar Located around a vent on the roof

Chrysotile 3%

2. Sample SB-12 (Layer 2), Joint Compound In the bathroom on the lower level **Chrysotile 2%**

3. Sample SB-22 (Layer 1), Brown Linoleum In the upstairs southern office

Chrysotile 25%

4. Sample SB-22 (Layer 2), Mastic

Associated with the brown linoleum

Chrysotile 5%

One of the samples submitted for joint compound associated with the drywall in the office/storage building was found to be positive for asbestos. It is assumed that the remaining drywall finished areas in foyer and bathroom areas of the building contain asbestos in the joint compound.

In accordance with South Carolina Regulation R61.86.1, one representative sample (per homogeneous sampling area) of suspect NOB building materials testing negative for asbestos content via PLM was analyzed via Transmission Electron Microscopy (TEM) using the EPA approved Chatfield Method. A total of Sixteen (16) TEM analyses were performed.

TEM analytical results reported *detection* of asbestos with results *greater than* 1% asbestos percentage by weight in the one (1) of the submitted samples from the office/storage building. The material identified positively as asbestos containing materials was:

1. Sample SB-9 (Layer 2), Mastic Associated with floor tile in the office foyer

Chrysotile 2.9%

According to the CEI laboratory, the asbestos identified in association with sample SB-9 (Layer 2), Mastic, is probable contamination with positive backing from residual linoleum found included in the bulk sample SB-9, which was comprised of floor tile and black mastic. No linoleum was observed in the foyer and hall area finished with floor tiles during the site inspection. If linoleum is observed in this area, it should be considered a positive asbestos containing material.

Table 1 attached summarizes the CEI laboratory analytical results by PLM EPA Method 600. Table 2 attached summarizes the CEI laboratory analytical results by TEM. Attached Figures 3 and 4 illustrate sample locations for suspect ACM within the interior and exterior of the detached office/storage building and the Serenity Place facility, respectively. Laboratory analytical reports of PLM and TEM analytical results with chain of custody are included as Appendix A and Appendix B. Photographs of sampled suspect materials are included as Appendix C.

4.0 Conclusions and Recommendations

Asbestos Containing Materials

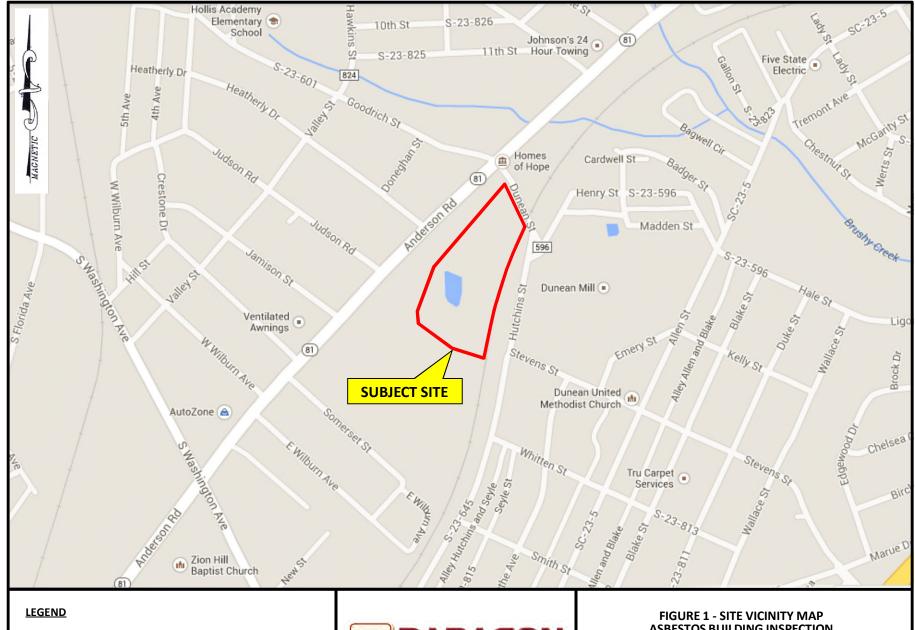
Based on the results of the November 25, 2013 pre-demolition asbestos survey, PARAGON presents the following recommendations:

SCDHEC Regulation R61-81.6 requires building materials reported by PLM and/or TEM analysis with greater than 1% asbestos to be considered as asbestos containing material, and that prior to demolition or renovations; the removal or Regulated ACM (RACM) that will break up, be dislodged or be disturbed during demolition activities be removed by a South Carolina licensed asbestos abated firm.

PLM and TEM analysis returned results in concentrations *greater than* 1% asbestos by weight in five of the observed and sampled suspect asbestos containing building materials.

These materials should be abated by a South Carolina licensed asbestos abatement firm prior to the demolition or renovation of the structures.

Square-foot measurements for the quantity of identified asbestos containing materials should be considered estimates and should be verified by the abatement contractor.



SOURCE: GOOGLE MAPS



FIGURE 1 - SITE VICINITY MAP ASBESTOS BUILDING INSPECTION 6 DUNEAN STREET GREENVILLE, SOUTH CAROLINA PARAGON PROJECT NO. 10574-A

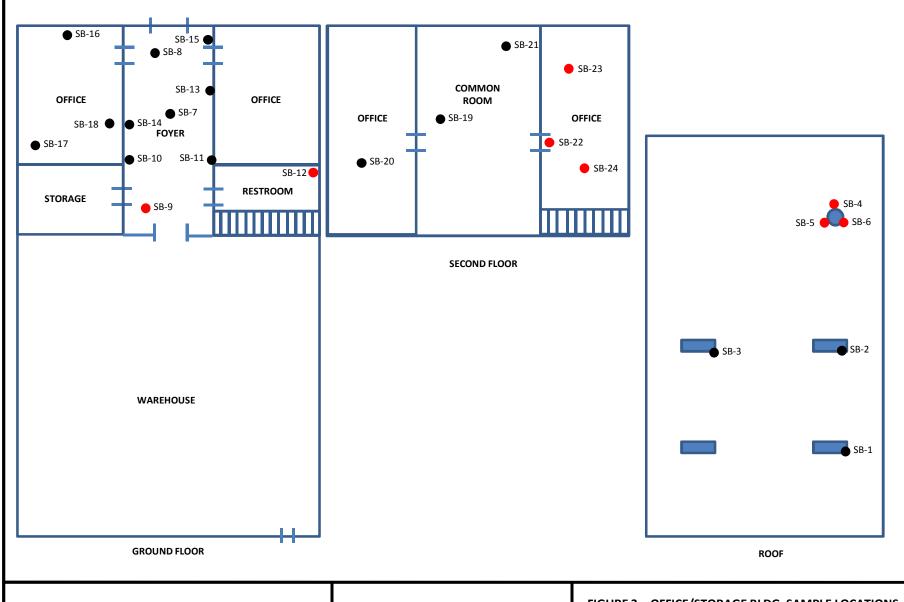


LEGEND

IMAGE SOURCE: YORK COUNTY SC GIS DATABASE
2011 AERIAL PHOTOGRAPH



FIGURE 2 - SITE LOCATION MAP ASBESTOS BUILDING INSPECTION 6 DUNEAN STREET GREENVILLE, SOUTH CAROLINA PARAGON PROJECT NO. 10574-A

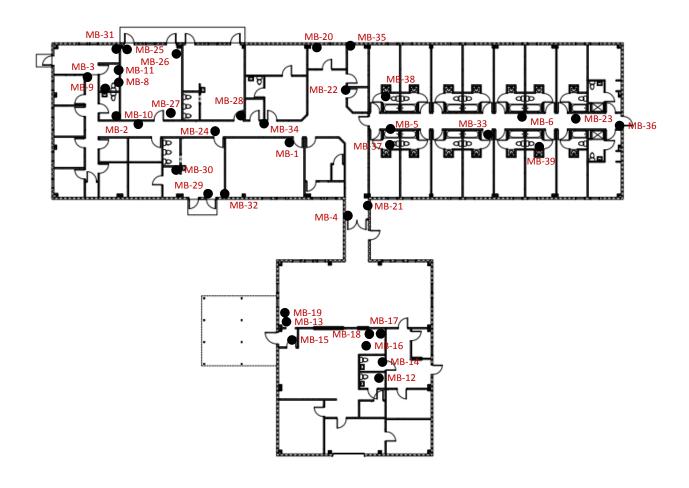


LEGEND

- Sample Locations
- Sample location with Positive ACM



FIGURE 3 – OFFICE/STORAGE BLDG. SAMPLE LOCATIONS
ASBESTOS BUILDING INSPECTION
6 DUNEAN STREET
GREENVILLE, SOUTH CAROLINA
PARAGON PROJECT NO. 10574-A



LEGEND

- Sample Locations
- Sample location with Positive ACM



FIGURE 4 – SERENITY PLACE BLDG. SAMPLE LOCATIONS
ASBESTOS BUILDING INSPECTION
6 DUNEAN STREET
GREENVILLE, SOUTH CAROLINA
PARAGON PROJECT NO. 10574-A

Summary of Bulk Sample PLM Analytical Results November 25, 2013 Asbestos Building Inspection Serenity Place, 6 Dunean Street Clemson, South Carolina

PARAGON Project No. 10574-A

Sample ID	Sample Date	Sample Description	Location	Homogeneous Area	Condition	Friable or Non-Friable	Square Footage (Approximate)	Asbestos* (% by weight)
SB-1	11/25/2013	Green Skylight Panel	Roof	1	Good	NF	96	ND
SB-2	11/25/2013	Green Skylight Panel	Roof	1	Good	NF	96	ND
SB-3	11/25/2013	Green Skylight Panel	Roof	1	Good	NF	96	TEM Analysis
SB-4	11/25/2013	Black Roofing Tar	Roof Around Vent	2	Good	NF	3	3% Chrysotile
SB-5	11/25/2013	Black Roofing Tar	Roof Around Vent	2	Good	NF	3	Not Analyzed
SB-6	11/25/2013	Black Roofing Tar	Roof Around Vent	2	Good	NF	3	Not Analyzed
SB-7 Layer 1	11/25/2013	Beige Floor Tile	Foyer	3	Damaged	NF	150	ND
SB-7 Layer 2	11/25/2013	Tan Mastic	Foyer	3	Good	NF	150	ND
SB-8 Layer 1	11/25/2013	Beige Floor Tile	Foyer	3	Damaged	NF	150	ND
SB-8 Layer 2	11/25/2013	Tan Mastic	Foyer	3	Good	NF	150	ND
SB-9 Layer 1	11/25/2013	Beige Floor Tile	Foyer	3	Damaged	NF	150	TEM Analysis
SB-9 Layer 2	11/25/2013	Tan Mastic	Foyer	3	Good	NF	150	TEM Analysis
SB-10 Layer 1	11/25/2013	Sheetrock	Foyer & Bathroom	4	Good	NF	750	ND
SB-10 Layer 2	11/25/2013	Joint Compound	Foyer & Bathroom	4	Good	NF	750	ND
SB-11 Layer 1	11/25/2013	Sheetrock	Foyer & Bathroom	4	Good	NF	750	ND
SB-11 layer 2	11/25/2013	Joint Compound	Foyer & Bathroom	4	Good	NF	750	ND
SB-12 Layer 1	11/25/2013	Sheetrock	Foyer & Bathroom	4	Good	NF	750	ND
SB-12 Layer 2	11/25/2013	Joint Compound	Foyer & Bathroom	4	Good	NF	750	2% Chrysotile
SB-13	11/25/2013	Wallpaper	Foyer	5	Good	NF	200	ND
SB-14	11/25/2013	Wallpaper	Foyer	5	Good	NF	200	ND
SB-15	11/25/2013	Wallpaper	Foyer	5	Good	NF	200	TEM Analysis
SB-16	11/25/2013	Ceiling Tile Surface	Lower Northern Office	6	Damaged	F	150	ND
SB-17	11/25/2013	Ceiling Tile Surface	Lower Northern Office	6	Damaged	F	150	ND
SB-18	11/25/2013	Ceiling Tile Surface	Lower Northern Office	6	Damaged	F	150	ND
SB-19	11/25/2013	Ceiling Tile	Upstairs Rooms	7	Damaged	F	800	ND

Summary of Bulk Sample PLM Analytical Results November 25, 2013 Asbestos Building Inspection Serenity Place, 6 Dunean Street Clemson, South Carolina PARAGON Project No. 10574-A

Sample ID	Sample Date	Sample Description	Location	Homogeneous Area	Condition	Friable or Non-Friable	Square Footage (Approximate)	Asbestos* (% by weight)
SB-20	11/25/2013	Ceiling Tile	Upstairs Rooms	7	Damaged	F	800	ND
SB-21	11/25/2013	Ceiling Tile	Upstairs Rooms	7	Damaged	F	800	ND
SB-22 Layer 1	11/25/2013	Brown Linoleum	Upstairs Southern Office	8	Good	NF	120	25% Chrysotile
SB-22 Layer 2	11/25/2013	Mastic	Upstairs Southern Office	8	Good	NF	120	5% Chrysotile*
SB-23 Layer 1	11/25/2013	Brown Linoleum	Upstairs Southern Office	8	Good	NF	120	Not Analyzed
SB-23 Layer 2	11/25/2013	Mastic	Upstairs Southern Office	8	Good	NF	120	Not Analyzed
SB-24 Layer 1	11/25/2013	Brown Linoleum	Upstairs Southern Office	8	Good	NF	120	Not Analyzed
SB-24 Layer 2	11/25/2013	Mastic	Upstairs Southern Office	8	Good	NF	120	Not Analyzed
MB-1 Layer 1	11/25/2013	Sheetrock	Living Room	9	Good	NF	15,500	Not Analyzed
MB-1 Layer 2	11/25/2013	Joint Compound	Throughout Building	1	Good	F	15,500	ND
MB-2 Layer 1	11/25/2013	Sheetrock	Throughout Building	1	Good	F	15,500	ND
MB-2 Layer 2	11/25/2013	Joint Compound	Throughout Building	1	Good	F	15,500	ND
MB-3 Layer 1	11/25/2013	Sheetrock	Throughout Building	1	Good	F	15,500	ND
MB-3 Layer 2	11/25/2013	Joint Compound	Throughout Building	1	Good	F	15,500	ND
MB-4 layer 1	11/25/2013	Sheetrock	Throughout Building	1	Good	F	15,500	ND
MB-4 layer 2	11/25/2013	Joint Compound	Throughout Building	1	Good	F	15,500	ND
MB-5 Layer 1	11/25/2013	Sheetrock	Throughout Building	1	Good	F	15,500	ND
MB-5 Layer 2	11/25/2013	Joint Compound	Throughout Building	1	Good	F	15,500	ND
MB-6 Layer 1	11/25/2013	Sheetrock	Throughout Building	1	Good	F	15,500	ND
MB-6 Layer 2	11/25/2013	Joint Compound	Throughout Building	1	Good	F	15,500	ND
MB-7 Layer 1	11/25/2013	Sheetrock	Throughout Building	1	Good	F	15,500	ND
MB-7 Layer 2	11/25/2013	Joint Compound	Throughout Building	1	Good	F	15,500	ND
MB-8	11/25/2013	Ceiling Texture	Bathrooms	2	Good	F	500	ND
MB-9	11/25/2013	Ceiling Texture	Bathrooms	2	Good	F	500	ND
MB-10	11/25/2013	Ceiling Texture	Bathrooms	2	Good	F	500	ND

Summary of Bulk Sample PLM Analytical Results November 25, 2013 Asbestos Building Inspection Serenity Place, 6 Dunean Street Clemson, South Carolina PARAGON Project No. 10574-A

Sample ID	Sample Date	Sample Description	Location	Homogeneous Area	Condition	Friable or Non-Friable	Square Footage (Approximate)	Asbestos* (% by weight)
MB-11 Layer 1	11/25/2013	Red Floor Tile	Bathrooms	3	Good	NF	1,200	ND
MB-11 Layer 2	11/25/2013	Tan Mastic	Bathrooms	3	Good	NF	1,200	ND
MB-12 Layer 1	11/25/2013	Red Floor Tile	Kitchen Bathroom	3	Good	NF	1,200	ND
MB-12 Layer 2	11/25/2013	Tan Mastic	Kitchen Bathroom	3	Good	NF	1,200	ND
MB-13 Layer 1	11/25/2013	Red Floor Tile	Dining Room	3	Good	NF	1,200	TEM Analysis
MB-13 Layer 2	11/25/2013	Tan Mastic	Dining Room	3	Good	NF	1,200	TEM Analysis
MB-14	11/25/2013	Ceiling Texture	Lobby Bathroom	2	Good	F	500	ND
MB-15	11/25/2013	Ceiling Texture	Kitchen Entrance	2	Good	F	500	ND
MB-16 Layer 1	11/25/2013	Red Floor Tile	Dishwashing Area	4	Good	NF	200	ND
MB-16 Layer 2	11/25/2013	Tan Mastic	Dishwashing Area	4	Good	NF	200	ND
MB-17 Layer 1	11/25/2013	Red Floor Tile	Dishwashing Area	4	Good	NF	200	ND
MB-17 Layer 2	11/25/2013	Tan Mastic	Dishwashing Area	4	Good	NF	200	ND
MB-18 Layer 1	11/25/2013	Red Floor Tile	Dishwashing Area	4	Good	NF	200	TEM Analysis
MB-18 Layer 2	11/25/2013	Tan Mastic	Dishwashing Area	4	Good	NF	200	TEM Analysis
MB-19 Layer 1	11/25/2013	White Floor Tile	Dining Room	5	Good	NF	1,200	ND
MB-19 Layer 2	11/25/2013	Tan Mastic	Dining Room	5	Good	NF	1,200	ND
MB-20 Layer 1	11/25/2013	White Floor Tile	Laundry Room	5	Good	NF	1,200	ND
MB-20 Layer 2	11/25/2013	Tan Mastic	Laundry Room	5	Good	NF	1,200	ND
MB-21 Layer 1	11/25/2013	White Floor Tile	Hallway	5	Good	NF	1,200	TEM Analysis
MB-21 Layer 2	11/25/2013	Tan Mastic	Hallway	5	Good	NF	1,200	TEM Analysis
MB-22	11/25/2013	Ceiling Tile	Throughout Building	6	Good	F	10,000	ND
MB-23	11/25/2013	Ceiling Tile	Throughout Building	6	Good	F	10,000	ND
MB-24	11/25/2013	Ceiling Tile	Throughout Building	6	Good	F	10,000	ND
MB-25 Layer 1	11/25/2013	Beige Floor Tile	Infant Room	7	Good	NF	500	ND
MB-25 Layer 2	11/25/2013	Tan Mastic	Infant Room	7	Good	NF	500	ND

Summary of Bulk Sample PLM Analytical Results November 25, 2013 Asbestos Building Inspection Serenity Place, 6 Dunean Street Clemson, South Carolina

PARAGON Project No. 10574-A

Sample ID	Sample Date	Sample Description	Location	Homogeneous Area	Condition	Friable or Non-Friable	Square Footage (Approximate)	Asbestos* (% by weight)
MB-26 Layer 1	11/25/2013	Beige Floor Tile	Infant Room	7	Good	NF	500	ND
MB-26 Layer 2	11/25/2013	Tan Mastic	Infant Room	7	Good	NF	500	ND
MB-27 Layer 1	11/25/2013	Beige Floor Tile	Infant Room	7	Good	NF	500	TEM Analysis
MB-27 Layer 2	11/25/2013	Tan Mastic	Infant Room	7	Good	NF	500	TEM Analysis
MB-28 Layer 1	11/25/2013	Mauve Floor Tile	Toddler & Pre-School Rooms	8	Good	NF	800	ND
MB-28 Layer 2	11/25/2013	Tan Mastic	Toddler & Pre-School Rooms	8	Good	NF	800	ND
MB-29 Layer 1	11/25/2013	Mauve Floor Tile	Toddler & Pre-School Rooms	8	Good	NF	800	ND
MB-29 Layer 2	11/25/2013	Tan Mastic	Toddler & Pre-School Rooms	8	Good	NF	800	ND
MB-30 Layer 1	11/25/2013	Mauve Floor Tile	Toddler & Pre-School Rooms	8	Good	NF	800	TEM Analysis
MB-30 Layer 2	11/25/2013	Tan Mastic	Toddler & Pre-School Rooms	8	Good	NF	800	TEM Analysis
MB-31	11/25/2013	Carpet Mastic	Throughout Carpeted Areas	9	Good	NF	1,500	ND
MB-32	11/25/2013	Carpet Mastic	Throughout Carpeted Areas	9	Good	NF	1,500	ND
MB-33	11/25/2013	Carpet Mastic	Throughout Carpeted Areas	9	Good	NF	1,500	TEM Analysis
MB-34	11/25/2013	Cove Mastic	Base of Walls	10	Good	NF	100	ND
MB-35	11/25/2013	Cove Mastic	Base of Walls	10	Good	NF	100	ND
MB-36	11/25/2013	Cove Mastic	Base of Walls	10	Good	NF	100	TEM Analysis
MB-37	12/4/2013	Tile Grout	Resident Bathrooms	11	Good	F	200	ND
MB-38	12/4/2013	Tile Grout	Resident Bathrooms	11	Good	F	200	ND
MB-39	12/4/2013	Tile Grout	Resident Bathrooms	11	Good	F	200	ND

Notes:

Analyzed by EPA Method 600 Polarizing Light Microscopy

ND = Not detected above the method detection limit specified in the laboratory report

NF = Non-Friable

F = Friable

Bold indicates concentrations exceeding the SCDHEC R61-81.6 Acceptable Levels.

* Possible Contamination ACM Linoleum Backing

Summary of Bulk Sample TEM Analytical Results November 25, 2013 Asbestos Building Inspection Serenity Place, 6 Dunean Street Clemson, South Carolina PARAGON Project No. 10574-A

Sample ID	Sample Date	Sample Description	Location	Homogeneous Area	Condition	Friable or Non-Friable	Square Footage (Approximate)	Asbestos* (% by weight)
SB-3	11/25/2013	Green Skylight Panel	Roof	1	Good	NF	96	ND
SB-9 Layer 1	11/25/2013	Beige Floor Tile	Foyer	3	Damaged	NF	150	ND
SB-9 Layer 2	11/25/2013	Tan Mastic	Foyer	3	Good	NF	150	1.2% Chrysotile
SB-15	11/25/2013	Wallpaper	Foyer	5	Good	NF	200	ND
MB-13 Layer 1	11/25/2013	Red Floor Tile	Dining Room	3	Good	NF	1,200	ND
MB-13 Layer 2	11/25/2013	Tan Mastic	Dining Room	3	Good	NF	1,200	ND
MB-18 Layer 1	11/25/2013	Red Floor Tile	Dishwashing Area	4	Good	NF	200	ND
MB-18 Layer 2	11/25/2013	Tan Mastic	Dishwashing Area	4	Good	NF	200	ND
MB-21 Layer 1	11/25/2013	White Floor Tile	Hallway	5	Good	NF	1,200	ND
MB-21 Layer 2	11/25/2013	Tan Mastic	Hallway	5	Good	NF	1,200	ND
MB-27 Layer 1	11/25/2013	Beige Floor Tile	Infant Room	7	Good	NF	500	ND
MB-27 Layer 2	11/25/2013	Tan Mastic	Infant Room	7	Good	NF	500	ND
MB-30 Layer 1	11/25/2013	Mauve Floor Tile	Toddler & Pre- School Rooms	8	Good	NF	800	ND
MB-30 Layer 2	11/25/2013	Tan Mastic	Toddler & Pre- School Rooms	8	Good	NF	800	ND
MB-33	11/25/2013	Carpet Mastic	Throughout Carpeted Areas	9	Good	NF	1,500	ND
MB-36	11/25/2013	Cove Mastic	Base of Walls	10	Good	NF	100	ND

Notes:

Analyzed by Transmission Light Microscopy Using EPA Approved Chatfield Method NF = Non-Friable

ND = Not detected above the method detection limit specified in the laboratory report **Bold** indicates concentrations exceeding the SCDHEC R61-81.6 Acceptable Levels.

^{*} Probable Contamination from Positive Linoleum Backing



ASBESTOS LABORATORY REPORT

Prepared for

Paragon Engineering & Geosciences

PROJECT: Serenity Place

CEI LAB CODE: A13-14292

DATE ANALYZED: 11/27/13

DATE REPORTED: 11/29/13

TOTAL SAMPLES ANALYZED: 46

SAMPLES >1% ASBESTOS: 4

TEL: 866-481-1412

www.ceilabs.com



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Serenity Place **CEI LAB CODE:** A13-14292

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
SB-1		A1604905	Green	Skylight Panel	None Detected
SB-2		A1604906	Green	Skylight Panel	None Detected
SB-3		A1604907		Sample Submitted for TEM Analysis	
SB-4		A1604908	Black	Roofing Tar	Chrysotile 3%
SB-5		A1604909		Sample Not Analyzed per COC	
SB-6		A1604910		Sample Not Analyzed per COC	
SB-7		A1604911A	Beige	Floor Tile	None Detected
		A1604911B	Tan	Mastic	None Detected
SB-8		A1604912A	Beige	Floor Tile	None Detected
		A1604912B	Tan	Mastic	None Detected
SB-9		A1604913		Sample Submitted for TEM Analysis	
SB-10	Layer 1	A1604914	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604914	White	Joint Compound	None Detected
SB-11	Layer 1	A1604915	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604915	White	Joint Compound	None Detected
SB-12	Layer 1	A1604916	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604916	White	Joint Compound	Chrysotile 2%
SB-13		A1604917	White,Tan	Wallpaper	None Detected
SB-14		A1604918	White,Tan	Wallpaper	None Detected
SB-15		A1604919		Sample Submitted for TEM Analysis	
SB-16		A1604920	White	Ceiling Tile Surface	None Detected
SB-17		A1604921	White	Ceiling Tile Surface	None Detected
SB-18		A1604922	White	Ceiling Tile Surface	None Detected
SB-19		A1604923	Off-white	Ceiling Tile	None Detected
SB-20		A1604924	Off-white	Ceiling Tile	None Detected
SB-21		A1604925	Off-white	Ceiling Tile	None Detected
SB-22	Layer 1	A1604926	Brown	Linoleum	Chrysotile 25%
	Layer 2	A1604926	Brown	Mastic	Chrysotile 5%
SB-23		A1604927		Sample Not Analyzed per COC	



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Serenity Place **CEI LAB CODE:** A13-14292

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
SB-24		A1604928		Sample Not Analyzed per COC	
MB-01	Layer 1	A1604929	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604929	White,Pink	Joint Compound	None Detected
MB-02	Layer 1	A1604930A	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604930A	White	Joint Compound	None Detected
		A1604930B	Off-white	Ceiling Tile	None Detected
MB-03	Layer 1	A1604931	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604931	White	Joint Compound	None Detected
MB-04	Layer 1	A1604932	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604932	White	Joint Compound	None Detected
MB-05	Layer 1	A1604933	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604933	White	Joint Compound	None Detected
MB-06	Layer 1	A1604934	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604934	White	Joint Compound	None Detected
MB-07	Layer 1	A1604935	Off-white,Tan	Sheetrock	None Detected
	Layer 2	A1604935	White	Joint Compound	None Detected
MB-08		A1604936	Off-white	Popcorn Ceiling Texture	None Detected
MB-09		A1604937	Off-white	Popcorn Ceiling Texture	None Detected
MB-10		A1604938	Off-white	Popcorn Ceiling Texture	None Detected
MB-11		A1604939A	Red	Floor Tile	None Detected
		A1604939B	Tan	Mastic	None Detected
MB-12		A1604940A	Red	Floor Tile	None Detected
		A1604940B	Tan	Mastic	None Detected
MB-13		A1604941		Sample Submitted for TEM Analysis	
MB-14		A1604942	Off-white	Popcorn Ceiling Texture	None Detected
MB-15		A1604943	Off-white	Popcorn Ceiling Texture	None Detected
MB-16		A1604944A	Red	Floor Tile	None Detected
		A1604944B	Tan	Mastic	None Detected
MB-17		A1604945A	Red	Floor Tile	None Detected
		A1604945B	Tan	Mastic	None Detected



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Serenity Place **CEI LAB CODE:** A13-14292

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
MB-18		A1604946		Sample Submitted for TEM Analysis	
MB-19		A1604947A	White	Floor Tile	None Detected
		A1604947B	Tan	Mastic	None Detected
MB-20		A1604948A	White	Floor Tile	None Detected
		A1604948B	Tan	Mastic	None Detected
MB-21		A1604949		Sample Submitted for TEM Analysis	
MB-22		A1604950	Off-white	Ceiling Tile	None Detected
MB-23		A1604951A	Off-white	Ceiling Tile	None Detected
		A1604951B	Pink	Insulation	None Detected
MB-24		A1604952	Off-white	Ceiling Tile	None Detected
MB-25		A1604953A	Beige,Green	Floor Tile	None Detected
		A1604953B	Tan	Mastic	None Detected
MB-26		A1604954A	Beige,Green	Floor Tile	None Detected
		A1604954B	Tan	Mastic	None Detected
MB-27		A1604955		Sample Submitted for TEM Analysis	
MB-28		A1604956A	Mauve	Floor Tile	None Detected
		A1604956B	Tan	Mastic	None Detected
MB-29		A1604957A	Mauve	Floor Tile	None Detected
		A1604957B	Tan	Mastic	None Detected
MB-30		A1604958		Sample Submitted for TEM Analysis	
MB-31		A1604959	Tan	Carpet Mastic	None Detected
MB-32		A1604960	Tan	Carpet Mastic	None Detected
MB-33		A1604961		Sample Submitted for TEM Analysis	
MB-34		A1604962	Tan	Cove Mastic	None Detected
MB-35		A1604963	Tan	Cove Mastic	None Detected
MB-36		A1604964		Sample Submitted for TEM Analysis	



By: POLARIZING LIGHT MICROSCOPY

CEI Lab Code: A13-14292

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Date Received: 11-26-13 Date Analyzed: 11-27-13 Greenville, SC 29607 **Date Reported:** 11-29-13

Project: Serenity Place

Client ID	Lab	Lab	NO	N-ASBESTOS	COMPO	NENTS	ASBESTOS	
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%	
SB-1 A1604905	Skylight Panel	Homogeneous Green Fibrous Tightly Bound	60%	Fiberglass	40%	Binder	None Detected	
SB-2 A1604906	Skylight Panel	Homogeneous Green Fibrous Tightly Bound	60%	Fiberglass	40%	Binder	None Detected	
SB-3 A1604907	Sample Submitted for TEM Analysis							
SB-4 A1604908	Roofing Tar	Homogeneous Black Fibrous Bound	5%	Cellulose	90% 2%	Tar Silicates	3% Chrysotile	
SB-5 A1604909	Sample Not Analyzed per COC							
SB-6 A1604910	Sample Not Analyzed per COC							
SB-7 A1604911A	Floor Tile	Homogeneous Beige Non-fibrous Bound			100%	Vinyl	None Detected	
A1604911B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected	
SB-8 A1604912A	Floor Tile	Homogeneous Beige Non-fibrous Bound			100%	Vinyl	None Detected	



By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 Date Received: 11-26-13 Date Analyzed: 11-27-13

Date Reported: 11-29-13

Project: Serenity Place

Client ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS ous		NENTS ibrous	ASBESTOS %
A1604912B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
SB-9 A1604913	Sample Submitted for TEM Analysis						
SB-10 Layer 1 A1604914	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
Layer 2 A1604914	Joint Compound	Heterogeneous White Non-fibrous Bound			85% 10% 5%	Calc Carb Mica Paint	None Detected
SB-11 Layer 1 A1604915	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
Layer 2 A1604915	Joint Compound	Heterogeneous White Non-fibrous Bound			85% 10% 5%	Calc Carb Mica Paint	None Detected
SB-12 Layer 1 A1604916	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
Layer 2 A1604916	Joint Compound	Heterogeneous White Non-fibrous Bound			83% 10% 5%	Calc Carb Mica Paint	2% Chrysotile



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1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 **Date Received:** 11-26-13

Date Analyzed: 11-27-13

Date Reported: 11-29-13

Project: Serenity Place

Client ID	Lab	Lab						
Lab ID	Description	Attributes					%	
SB-13 A1604917	Wallpaper	Heterogeneous White,Tan Fibrous Bound	60%	Cellulose	40%	Vinyl	None Detected	
SB-14 A1604918	Wallpaper	Heterogeneous White,Tan Fibrous Bound	60%	Cellulose	40%	Vinyl	None Detected	
SB-15 A1604919	Sample Submitted for TEM Analysis							
SB-16 A1604920	Ceiling Tile Surface	Homogeneous White Fibrous Bound	5% <1% <1%	Fiberglass Talc Wollastonite	85% 10%	Calc Carb Silicates	None Detected	
SB-17 A1604921	Ceiling Tile Surface	Homogeneous White Fibrous Bound	5% <1% <1%	Fiberglass Talc Wollastonite	85% 10%	Calc Carb Silicates	None Detected	
SB-18 A1604922	Ceiling Tile Surface	Homogeneous White Fibrous Bound	5% <1% <1%	Fiberglass Talc Wollastonite	85% 10%	Calc Carb Silicates	None Detected	
SB-19 A1604923	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	35% 30%	Cellulose Fiberglass	20% 15%	Perlite Binder	None Detected	
SB-20 A1604924	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	35% 30%	Cellulose Fiberglass	20% 15%	Perlite Binder	None Detected	



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Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607 Date Analyzed: 11-27-13

Date Reported: 11-29-13

Date Received: 11-26-13

CEI Lab Code: A13-14292

Project: Serenity Place

Client ID Lab ID	Lab Description	Lab Attributes		N-ASBESTOS (ous		NENTS Fibrous	ASBESTOS %
SB-21 A1604925	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	35% 30%	Cellulose Fiberglass	20% 15%	Perlite Binder	None Detected
SB-22 Layer 1 A1604926	Linoleum	Heterogeneous Brown Fibrous Bound	10%	Cellulose	40% 25%	Vinyl Binder	25% Chrysotile
Layer 2 A1604926	Mastic	Homogeneous Brown Fibrous Bound	<1%	Cellulose	95%	Mastic	5% Chrysotile
Lab Notes: A	nalyst opinion: Sample co	ontaminated by pos	sitive ba	acking material.			
SB-23 A1604927	Sample Not Analyzed per COC						
SB-24 A1604928	Sample Not Analyzed per COC						
MB-01 Layer 1 A1604929	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20% <1%	Cellulose Fiberglass	80%	Gypsum	None Detected
Layer 2 A1604929	Joint Compound	Heterogeneous White,Pink Non-fibrous Bound	<1%	Cellulose	50% 40% 10%	Calc Carb Paint Mica	None Detected
MB-02 Layer 1 A1604930A	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20% <1%	Cellulose Fiberglass	80%	Gypsum	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 **Date Received:** 11-26-13

Date Analyzed: 11-27-13 **Date Reported:** 11-29-13

Project: Serenity Place

Client ID	Lab	Lab	Lab NON-ASBESTOS COMPONENTS							
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		ASBESTOS %			
Layer 2 A1604930A		Heterogeneous White Non-fibrous Bound	<1%	Cellulose	85% 10% 5%	Calc Carb Mica Paint	None Detected			
A1604930B	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	35% 30%	Cellulose Fiberglass	20% 15%	Perlite Binder	None Detected			
MB-03 Layer 1 A1604931	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20% <1%	Cellulose Fiberglass	80%	Gypsum	None Detected			
Layer 2 A1604931	Joint Compound	Heterogeneous White Non-fibrous Bound	<1%	Cellulose	90%	Calc Carb Mica	None Detected			
MB-04 Layer 1 A1604932	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20% <1%	Cellulose Fiberglass	80%	Gypsum	None Detected			
Layer 2 A1604932	Joint Compound	Heterogeneous White Non-fibrous Bound	<1%	Cellulose	90%	Calc Carb Mica	None Detected			
MB-05 Layer 1 A1604933	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20% <1%	Cellulose Fiberglass	80%	Gypsum	None Detected			



By: POLARIZING LIGHT MICROSCOPY

CEI Lab Code: A13-14292

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Date Received: 11-26-13 Date Analyzed: 11-27-13 Greenville, SC 29607 **Date Reported:** 11-29-13

Project: Serenity Place

Client ID	Lab	Lab	ASBESTOS				
Lab ID	Description	Attributes	Fibr	ous	Non-l	Fibrous	%
Layer 2 A1604933	Joint Compound	Heterogeneous White Non-fibrous Bound	<1%	Cellulose	90%	Calc Carb Mica	None Detected
MB-06 Layer 1 A1604934	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20% <1%	Cellulose Fiberglass	80%	Gypsum	None Detected
Layer 2 A1604934	Joint Compound	Heterogeneous White Non-fibrous Bound	<1%	Cellulose	90%	Calc Carb Mica	None Detected
MB-07 Layer 1 A1604935	Sheetrock	Heterogeneous Off-white,Tan Fibrous Bound	20% <1%	Cellulose Fiberglass	80%	Gypsum	None Detected
Layer 2 A1604935	Joint Compound	Heterogeneous White Non-fibrous Bound	<1%	Cellulose	90%	Calc Carb Mica	None Detected
MB-08 A1604936	Popcorn Ceiling Texture	Heterogeneous Off-white Non-fibrous Loosely Bound			65% 35%	Calc Carb Mica	None Detected
MB-09 A1604937	Popcorn Ceiling Texture	Heterogeneous Off-white Non-fibrous Loosely Bound			65% 35%	Calc Carb Mica	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 Date Received: 11-26-13 Date Analyzed: 11-27-13

Date Reported: 11-29-13

Project: Serenity Place

Client ID Lab ID	Lab Description	Lab Attributes		N-ASBESTOS	NENTS ibrous	ASBESTOS % None Detected	
MB-10 A1604938	Popcorn Ceiling Texture	Heterogeneous Off-white Non-fibrous Loosely Bound	rogeneous hite fibrous		65% 35%		Calc Carb Mica
MB-11 A1604939A	Floor Tile	Homogeneous Red Non-fibrous Bound			100%	Vinyl	None Detected
A1604939B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-12 A1604940A	Floor Tile	Homogeneous Red Non-fibrous Bound			100%	Vinyl	None Detected
A1604940B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-13 A1604941	Sample Submitted for TEM Analysis						
MB-14 A1604942	Popcorn Ceiling Texture	Heterogeneous Off-white Non-fibrous Loosely Bound			50% 35% 15%	Paint Calc Carb Mica	None Detected
MB-15 A1604943	Popcorn Ceiling Texture	Heterogeneous Off-white Non-fibrous Loosely Bound			65% 35%	Calc Carb Mica	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 Date Received: 11-26-13

Date Analyzed: 11-27-13

Date Reported: 11-29-13

Project: Serenity Place

Client ID Lab ID	2.0.0				COMPON Non-F	NENTS ibrous	ASBESTOS %
MB-16 A1604944A	Floor Tile	Homogeneous Red Non-fibrous Bound			100%	Vinyl	None Detected
A1604944B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-17 A1604945A	Floor Tile	Homogeneous Red Non-fibrous Bound			100%	Vinyl	None Detected
A1604945B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-18 A1604946	Sample Submitted for TEM Analysis						
MB-19 A1604947A	Floor Tile	Homogeneous White Non-fibrous Bound			100%	Vinyl	None Detected
A1604947B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-20 A1604948A	Floor Tile	Homogeneous White Non-fibrous Bound			100%	Vinyl	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 **Date Received:** 11-26-13

Date Analyzed: 11-27-13

Date Reported: 11-29-13

Project: Serenity Place

Client ID Lab ID	Lab Description Mastic	Lab Attributes	NON Fibre	N-ASBESTOS ous		NENTS ibrous	ASBESTOS %
A1604948B		Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-21 A1604949	Sample Submitted for TEM Analysis						
MB-22 A1604950	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	35% 30%	Cellulose Fiberglass	20% 15%	Perlite Binder	None Detected
MB-23 A1604951A	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	35% 30%	Cellulose Fiberglass	20% 15%	Perlite Binder	None Detected
A1604951B	Insulation	Homogeneous Pink Fibrous Loosely Bound	100%	Fiberglass			None Detected
MB-24 A1604952	Ceiling Tile	Heterogeneous Off-white Fibrous Loosely Bound	35% 30%	Cellulose Fiberglass	20% 15%	Perlite Binder	None Detected
MB-25 A1604953A	Floor Tile	Homogeneous Beige,Green Non-fibrous Bound			100%	Vinyl	None Detected
A1604953B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Silicates	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 Date Received: 11-26-13

Date Analyzed: 11-27-13

Date Reported: 11-29-13

Project: Serenity Place

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes		N-ASBESTOS ous		NENTS ibrous	ASBESTOS %
MB-26 A1604954A	Floor Tile	Homogeneous Beige,Green Non-fibrous Bound			100%	Vinyl	None Detected
A1604954B	Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Silicates	None Detected
MB-27 A1604955	Sample Submitted for TEM Analysis						
MB-28 A1604956A	Floor Tile	Homogeneous Mauve Non-fibrous Bound			100%	Vinyl	None Detected
A1604956B	Mastic	Homogeneous Tan Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-29 A1604957A	Floor Tile	Homogeneous Mauve Non-fibrous Bound			100%	Vinyl	None Detected
A1604957B	Mastic	Homogeneous Tan Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
MB-30	Sample Submitted for						

MB-30 Sample Submitted for A1604958 TEM Analysis



By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14292 Date Received: 11-26-13 Date Analyzed: 11-27-13

Date Reported: 11-29-13

Project: Serenity Place

Client ID Lab ID	Lab Description	Lab Attributes		N-ASBESTOS Cous	NENTS ibrous	ASBESTOS %	
MB-31 A1604959	Carpet Mastic	Homogeneous Tan Non-fibrous Bound	<1%	Synthetic Fiber	100% <1%	Mastic Mica	None Detected
MB-32 A1604960	Carpet Mastic	Homogeneous Tan Non-fibrous Bound	5%	Synthetic Fiber	95% <1%	Mastic Mica	None Detected
MB-33 A1604961	Sample Submitted for TEM Analysis						
MB-34 A1604962	Cove Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
MB-35 A1604963	Cove Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
MB-36 A1604964	Sample Submitted for TEM Analysis						



LEGEND: Non-Anth = Non-Asbestiform Anthophylite

Non-Trem = Non-Asbestiform Tremolite

Calc Carb = Calcium Carbonate

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

The detection limit for the method is <1% by visual estimation and 0.25% by 400 point counts or 0.1% by 1,000 point counts.

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 polarizing 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.

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ANALYST:

Anna Malmberg

APPROVED BY:

Tianbao Bai, Ph.D. Laboratory Director



107 New Edition Court, Cary, NC 27511 Tel: 866-481-1412; Fax: 919-481-1442

CHAIN OF CUSTODY

LAB USE ONLY:		
CEI Lab Code: A 13-14292	(63)	
CEI Lab I.D. Range: A1100490	5-A1604	160

COMPANY CONTACT INFO	ORMATION							
Company: Paragon E	ng & Greo		Client #:					
Address: 1200 Woodr	uff Romo		Job Cont	Job Contact: TERMON EDWANDS				
Suite G-1	1		Email:	125	onje		1 14	Com
				120	144.4		1111101	-010
Greenville, Project Name: Serenity	81. 2			Ole II	177, 7	210		
	Tace		Fax:					
Project ID #:			P.O. #:					
CHECK IF:			_					
POSITIVE STOP ANALYSIS				PLM D	UE DATE:	/	1	V
SOUTH CAROLINA SAMPLES			100	TEM D	UE DATE:	1	/	
								ı
ASBESTOS	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY	
PLM BULK	EPA 600							
TEM BULK	CHATFIELD							
PLM POINT COUNT (400)	EPA 600							
PLM POINT COUNT (1000)	EPA 600							
PLM GRAVIMETRIC	EPA 600							
PLM GRAV w POINT COUNT	EPA 600							
OTHER:								
				1				
TEM INSTRUCTIONS								
BEGIN TEM ANALYSIS AFTER			3					
ANALYZE TEM SAMPLES SIM	ULTANEOUSLY WITH	H PLM		l				
REMARKS: If needed, consufficient weight for TEM a	mbine samples fi analysis.	rom the san	ne group	to achie	eve			
						TV	Accept	Sample
								Samples
Relinquished By: Date/Time Received By:							Date/	
Jewa . Alwan		15/13 7pm	4	10	#	1035		inic
	7	pin				, 000		

^{*}Call to confirm RUSH analysis.



SAMPLING FORM

COMPANY CONTACT INFORMATION	· · · · · · · · · · · · · · · · · · ·
Company: PARAGON Engineering & GEO	Job Contact: TERRON EDWANDS
Project Name: Screnity Place	
Project ID #:	Tel: 864.444.4210

CAMPI FIRM			
SAMPLE ID#	DESCRIPTION / LOCATION		TEST
5B-1	Skylight ponel	PLM	TEM
58-2	skylijht panel	PLM	TEM
SB-3	Skylight panel	PLM	TEM
58-4	woting tak	PLM 🗆	TEM 🗆
SB-5	rooting tran	PLM 🗆	TEM 🗆
SB-6	rooking there	PLM 🗆	TEM
56-7	floor File mastic	PLM 🗆	тем 🗆
SB-8	floor filt I mashic	PLM 🗆	TEM 🗆
58-9	floor tile mastic	PLM 🗆	TEM 🗆
58-10	Sheetroch Joint compound	PLM 🗆	TEM
SB-11	Sheetroch Isoint compound	PLM 🗆	TEM 🗆
58-12	sheetrock 1 , oint compound	PLM 🗆	тем 🗆
SB-13	wallpaper	PLM 🗆	тем 🗆
SB-14	wallpaper	PLM 🗆	тем 🗆
50-15	coall paper	PLM 🗆	тем 🗆
SB-16	Ceiling the Surface	PLM 🗆	тем 🗆
58-17	ceilir file surface	PLM 🗆	TEM
SB-18	Ceiling the surface	PLM 🗆	TEM
58-19	upstrain Ceiling tole	PLM 🗆	тем 🗆
53-20	apstris ceiling title	PLM 🗆	тем 🗆
50.21	reporains ceiling to le	PLM 🗆	тем 🗆
SB-22	Clinoleum mastic	PLM 🗆	тем 🗆
58-23	linoleum mastic	PLM 🗆	тем 🗆
SB-24	Dinoleum mastic	PLM 🗆	тем 🗆
MB-1	Sheetrock Moint Compound	PLM 🗆	тем 🗆
MB-2	Sheetroch Woint Compound	PLM 🗆	тем 🗆
MB-3	sheetrock lipint compound	PLM 🗀	тем 🗆
MB-4	Sheetroch joint compound	PLM 🗆	тем 🗆
mB-5	Sheet rock joint Compound	PLM 🔲	тем 🗆
mB-6	Sheetroch Pigint Compound	PLM 🔲	тем 🗆

Page ____of ___



SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: PARACTON Engineerin & CoED	Job Contact: TENNON EDWANDS
Project Name: Serenity Place	
Project ID #:	Tel: 864.444.4210

SAMPLE ID# DESCRIPTION / LOCATION MB-7 Sheetrock 1: int Compound PLM TEM MB-8 spectra ceiling kexture PLM TEM MB-10 papeara Cecling texture PLM TEM MB-11 heal floor the partition PLM TEM MB-12 heal floor the partition PLM TEM MB-13 heal floor the partition PLM TEM MB-14 papeara Cecling texture PLM TEM MB-15 papeara Cecling texture PLM TEM MB-16 papeara Cecling texture PLM TEM MB-17 papeara Cecling texture PLM TEM MB-18 bot interest floor the partition PLM TEM MB-19 unite floor the partition PLM TEM MB-19 unite floor the partition PLM TEM MB-30 cecling the PLM TEM MB-33 Cecling the PLM TEM MB-27 interest floor the partition PLM TEM MB-28 tedder preschool floor the partition PLM TEM MB-29 interest floor the partition PLM TEM MB-20 interest floor the partition PLM TEM MB-31 tedder preschool floor the partition PLM TEM MB-32 carpet partition PLM TEM MB-33 Carpet partition PLM TEM MB-34 Carpet partition PLM TEM MB-35 Carpet partition PLM TEM MB-36 Carpet partition PLM TEM MB-37 Carpet partition PLM TEM MB-38 tedder preschool floor the partition PLM TEM MB-39 Carpet partition PLM TEM MB-30 tedder preschool floor the partition PLM TEM MB-31 Carpet partition PLM TEM MB-32 Carpet partition PLM TEM MB-34 Carpet partition PLM TEM MB-35 Cove mastic MB-36 Cove mastic MB-37 Cove mastic MB-38 Cove mastic MB-39 Cove mastic MB-30 Cove mastic MB-31 Cove mastic MB-31 Cove mastic MB-31 Cove mastic MB-32 Cove mastic MB-33 Cove mastic MB-34 Cove mastic MB-36 Cove mastic MB-37 Cove mastic MB-38 Cove mastic MB-39 Cove mastic MB-30 Cove mastic MB-30 Cove mastic MB-31 Cove mastic MB-31 Cove mastic MB-32 Cove mastic MB-33 Cove mastic MB-34 Cove mastic MB-35 Cove mastic MB-36 Cove mastic MB-37 Cove mastic MB-38 Cove mastic MB-39 Cove mastic MB-30 Cove mastic MB-30 Cove mastic MB-30 Cove masti		国际政策的基础的				
MB-8 Papear Ceiting texture PLM TEM MB-10 Papear Ceiting texture PLM TEM MB-11 Act floor tile mastic PLM TEM MB-12 Act floor tile mastic PLM TEM MB-13 Act floor tile mastic PLM TEM MB-14 PAPEAR CEITING TEXTURE PLM TEM MB-15 PAPEAR CEITING TEXTURE PLM TEM MB-16 PAPEAR PLM TEM MB-17 PAPEAR PLM TEM MB-19 PAPEAR PLM TEM MB-20 Lating floor tile mastic PLM TEM MB-32 Ceiting tile MB-33 Ceiting tile MB-27 Infinit voin floor tile mastic PLM TEM MB-30 Lating floor tile mastic PLM TEM MB-31 MB-32 Ceiting tile MB-33 Ceiting tile MB-31 MB-32 Infinit voin floor tile mastic PLM TEM MB-31 MB-32 Infinit voin floor tile mastic PLM TEM MB-33 TEM TEM TEM	SAMPLE ID#	DESCRIPTION / LOCATION		1.1	TEST	
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MB-12 Led floor tile MASTIC PLM TEM MB-13 Led floor tile MASTIC PLM TEM MB-14 Loggerory Ceiling texture PLM TEM MB-15 Loggerory Ceiling texture PLM TEM MB-16 MB-15 Loggerory Ceiling texture PLM TEM MB-16 MB-17 Loggerory Ceiling texture PLM TEM MB-18 MB-19 Loggerory Ceiling texture PLM TEM MB-10 MB-10 Loggerory Ceiling texture PLM TEM MB-18 Loggerory Ceiling texture PLM TEM MB-19 Loggerory texture Mastic PLM TEM MB-19 Loggerory texture tile Mastic PLM TEM MB-20 Loggerory texture tile Mastic PLM TEM MB-32 Ceiling tile PLM TEM MB-32 Ceiling tile PLM TEM MB-34 Ceiling tile PLM TEM MB-25 Loggerory texture tile Mastic PLM TEM MB-27 Infract voors floor tile Mastic PLM TEM MB-28 Texture tile PLM TEM MB-38 Texture preschool floor tile Mastic PLM TEM MB-30 Texture preschool floor tile Mastic PLM TEM MB-31 Carpet Mastic PLM TEM MB-32 Carpet Mastic PLM TEM MB-33 Carpet Mastic PLM TEM MB-34 Cove Mastic PLM TEM TEM MB-35 Cove Mastic PLM TEM TEM	MB-10	popcorn ceiling texture	PLM		TEM	
MB-13 And floor the mastic PLM TEM MB-14 Proportion Ceiling deplace MB-15 Proportion Ceiling deplace MB-15 Proportion Ceiling deplace MB-16 Proportion Ceiling deplace MB-17 Proportion Ceiling deplace MB-18 Proportion Ceiling deplace MB-18 Proportion Ceiling deplace MB-19 PL PL TEM MB-19 PL PL TEM MB-20 PL PL TEM MB-20 PL PL TEM MB-21 PL PL TEM MB-22 PL TEM MB-23 PL PL TEM MB-24 PL TEM MB-25 PL TEM MB-26 PL TEM MB-27 PL TEM MB-27 PL TEM MB-28 Tedder preschool floor the mastic MB-29 PL TEM MB-30 TEM MB-30 TEM MB-31 PL PL TEM MB-32 Carpet mastic MB-33 Carpet mastic MB-34 Carpet mastic MB-35 PL TEM MB-37 TEM MB-38 TEM MB-31 PL TEM MB-32 TEM MB-33 Carpet mastic MB-34 PL TEM MB-35 PL TEM MB-36 TEM MB-37 TEM MB-37 TEM MB-38 TEM MB-39 TEM MB-31 TEM MB-31 TEM MB-32 TEM MB-33 TEM MB-34 TEM MB-35 TEM MB-36 TEM MB-37 TEM MB-37 TEM MB-38 TEM MB-39 TEM MB-31 TEM MB-31 TEM MB-32 TEM MB-33 TEM MB-34 TEM MB-35 TEM MB-36 TEM MB-37 TEM MB-37 TEM MB-38 TEM MB-39 TEM MB-30 TEM MB-31 TEM MB-31 TEM MB-32 TEM MB-33 TEM MB-34 TEM MB-35 TEM MB-36 TEM MB-37 TEM MB-37 TEM MB-38 TEM MB-39 TEM MB-30 TEM MB-31 TEM MB-31 TEM MB-32 TEM MB-33 TEM MB-34 TEM MB-35 TEM MB-36 TEM MB-37 TEM MB-38 TEM MB-39 TEM MB-30 TEM MB-30 TEM MB-31 TEM MB-31 TEM MB-32 TEM MB-33 TEM MB-34 TEM MB-35 TEM MB-36 TEM MB-37 TEM MB-38 TEM	MB-11	red floor tile partic	PLM		TEM	
MB-14 page orn Ceiling texture PLM TEM MB-15 page orn Ceiling texture PLM TEM MB-16 page orn Ceiling texture PLM TEM MB-17 bright need floor this MASTIC PLM TEM MB-18 bright need floor this MASTIC PLM TEM MB-19 white floor this MASTIC PLM TEM MB-20 white floor this MASTIC PLM TEM MB-30 Ceiling this MASTIC PLM TEM MB-32 Ceiling this MASTIC PLM TEM MB-33 Ceiling this PLM TEM MB-24 Ceiling this PLM TEM MB-25 pandadorn floor this mastic PLM TEM MB-20 infant your floor this mastic PLM TEM MB-21 infant your floor this mastic PLM TEM MB-23 todder preschool floor this mastic PLM TEM MB-36 todder preschool floor this mastic PLM TEM MB-37 todder preschool floor this mastic PLM TEM MB-31 Carpet MASTIC PLM TEM MB-32 Carpet mastic PLM TEM MB-33 Carpet mastic PLM TEM MB-34 Core mastic PLM TEM MB-35 Core mastic PLM TEM	mB-12	red floor tile (mastic	PLM		TEM	
MB-15 Josephorn Ceiling texture PLM TEM MB-10 bright need floor this MASTIC PLM TEM MB-13 bright need floor this MASTIC PLM TEM MB-18 bright need floor this MASTIC PLM TEM MB-19 white floor this MASTIC PLM TEM MB-20 white floor this MASTIC PLM TEM MB-30 Ceiling this MASTIC PLM TEM MB-32 Ceiling this PLM TEM MB-33 Ceiling this PLM TEM MB-24 Ceiling this PLM TEM MB-25 plantageory floor this MASTIC PLM TEM MB-27 infant your floor this MASTIC PLM TEM MB-20 infant your floor this MASTIC PLM TEM MB-21 totaler preschool floor this MASTIC PLM TEM MB-28 totaler preschool floor this MASTIC PLM TEM MB-30 totaler preschool floor this MASTIC PLM TEM MB-31 Carpet MASTIC PLM TEM MB-32 Carpet MASTIC PLM TEM MB-33 Carpet MASTIC PLM TEM MB-34 Core MASTIC PLM TEM MB-35 Core MASTIC PLM TEM	MB-13	red floor tile mastic	PLM		TEM	
MB-16 bright red floor his mastic PLM TEM MB-17 bright red floor this MAST PLM TEM MB-18 bright red floor this MAST PLM TEM MB-19 white floor his mastic PLM TEM MB-20 white floor his mastic PLM TEM MB-32 Ceiling his PLM TEM MB-33 Ceiling this PLM TEM MB-24 ceiling this PLM TEM MB-24 ceiling this PLM TEM MB-25 mattrian floor his mastic PLM TEM MB-20 infant your floor his mastic PLM TEM MB-21 infant your floor his mastic PLM TEM MB-23 todder preschool floor his mastic PLM TEM MB-30 todder preschool floor his mastic PLM TEM MB-31 carpet mastic PLM TEM MB-32 Carpet mastic PLM TEM MB-33 Carpet mastic PLM TEM MB-34 Carpet mastic PLM TEM MB-35 Cove mastic PLM TEM MB-35 Cove mastic PLM TEM	MB-14	possorn ceiling dephire	PLM		TEM	
MB-19 bright red floor the MASTIC PLM TEM MB-19 white floor the MASTIC PLM TEM MB-20 white floor the MASTIC PLM TEM MB-30 white floor the MASTIC PLM TEM MB-31 ceiling the PLM TEM MB-33 ceiling the PLM TEM MB-24 ceiling the PLM TEM MB-25 plm TEM MB-26 infant vora floor the mastic PLM TEM MB-27 infant vora floor the mastic PLM TEM MB-28 tolder preschool floor the mastic PLM TEM MB-30 tolder preschool floor the mastic PLM TEM MB-31 carpet mastic PLM TEM MB-32 carpet mastic PLM TEM MB-33 carpet mastic PLM TEM MB-34 carpet mastic PLM TEM MB-35 carpet mastic PLM TEM MB-37 carpet mastic PLM TEM MB-38 carpet mastic PLM TEM MB-39 carpet mastic PLM TEM MB-31 carpet mastic PLM TEM MB-33 carpet mastic PLM TEM MB-34 core mastic PLM TEM MB-35 core mastic PLM TEM	MB-15	popcorn ceiling texture	PLM		TEM	
MB-18 brill ved floor the mastic PLM TEM MB-17 white floor the mastic PLM TEM MB-20 white floor the mastic PLM TEM MB-32 ceiling the PLM TEM MB-33 ceiling the PLM TEM MB-24 ceiling the PLM TEM MB-25 parantelong floor the mastic PLM TEM MB-27 infant yourn floor the mastic PLM TEM MB-38 todder preschool floor the mastic PLM TEM MB-30 todder preschool floor the mastic PLM TEM MB-31 carpet mastic PLM TEM MB-32 carpet mastic PLM TEM MB-33 carpet mastic PLM TEM MB-34 carpet mastic PLM TEM MB-35 core mastic PLM TEM MB-36 core mastic PLM TEM MB-37 carpet mastic PLM TEM MB-38 core mastic PLM TEM MB-39 carpet mastic PLM TEM MB-31 carpet mastic PLM TEM MB-33 carpet mastic PLM TEM MB-34 core mastic PLM TEM MB-35 core mastic PLM TEM	MB-16	pright red from tile mastic	PLM		TEM	
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MB-20 white floor tite mastic PLM TEM MB-22 Ceiling tite PLM TEM MB-33 Ceiling tite PLM TEM MB-24 Ceiling tite PLM TEM MB-24 Ceiling tite PLM TEM MB-25 puntantal on floor tite mastic PLM TEM MB-26 infant von floor tite mastic PLM TEM MB-27 infant von floor tite mastic PLM TEM MB-28 todder preschool floor tite mastic PLM TEM MB-31 todder preschool floor tite mastic PLM TEM MB-31 carpet mastic PLM TEM MB-32 Carpet mastic PLM TEM MB-33 Carpet mastic PLM TEM MB-34 Core mastic PLM TEM MB-35 Core mastic PLM TEM	mB-18	bright red floor tile mastic	PLM		TEM	
MB-22 Ceiling tier PLM TEM MB-23 Ceiling tier PLM TEM MB-23 Ceiling tier PLM TEM MB-24 Ceiling tier PLM TEM MB-24 Ceiling tier PLM TEM MB-25 Infant floor tier Mastic PLM TEM MB-21 Infant voom floor tier Mastic PLM TEM MB-27 Infant voom floor tier Mastic PLM TEM MB-28 tadder preschool floor tier Mastic PLM TEM MB-29 tadder preschool floor tier Mastic PLM TEM MB-30 tadder preschool floor tier Mastic PLM TEM MB-31 Carpet Mastic PLM TEM MB-32 Carpet mastic PLM TEM MB-33 Carpet mastic PLM TEM MB-34 Corpet mastic PLM TEM MB-35 Core Mastic PLM TEM MB-36 Core Mastic PLM TEM	MB-19	white foor tile mastic	PLM		TEM	- 2
MB-22 Ceiling till PLM TEM MB-23 Ceiling till PLM TEM MB-24 Ceiling till PLM TEM MB-24 Ceiling till PLM TEM MB-25 plansmyllown floor till mastic PLM TEM MB-26 infant voom floor till mastic PLM TEM MB-27 infant voom floor till mastic PLM TEM MB-28 todder preschool floor till mastic PLM TEM MB-29 todder preschool floor till mastic PLM TEM MB-30 todder preschool floor till mastic PLM TEM MB-31 Carpet mastic PLM TEM MB-32 Carpet mastic PLM TEM MB-33 Carpet mastic PLM TEM MB-34 Cove mastic PLM TEM MB-35 Cove mastic PLM TEM	MB-20	white floor tile mastic	PLM		TEM	
MB-24 (cilin tile PLM TEM MB-24 (cilin tile PLM TEM MB-25 pinfantison floor tile mastic PLM TEM MB-24 infant voon floor tile mastic PLM TEM MB-27 infant voon floor tile mastic PLM TEM MB-28 todder preschool floor tile mastic PLM TEM MB-29 todder preschool floor tile mastic PLM TEM MB-30 todder preschool floor tile mastic PLM TEM MB-31 (carpet mastic PLM TEM MB-32 (carpet mastic PLM TEM MB-33 (carpet mastic PLM TEM MB-34 (core mastic PLM TEM MB-35 (core mastic PLM TEM	mo-21	white they the mostic	PLM		TEM	
mb-24 calling tile PLM TEM mb-25 pinfuntation floor tile mastic PLM TEM mb-24 infant voom floor tile mastic PLM TEM mb-27 infant voom floor tile mastic PLM TEM mb-28 todder preschool floor tile mastic PLM TEM mb-29 todder preschool floor tile mastic PLM TEM mb-30 toddler preschool floor tile mastic PLM TEM mb-31 carpet mastic PLM TEM mb-32 carpet mastic PLM TEM mb-33 carpet mastic PLM TEM mb-34 core mastic PLM TEM	MB-22	Ceiling tild	PLM		TEM	
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mB-34 core mastic PLM TEM TEM	mB-33	Carpet mastic	PLM		TEM	
	mB-34	core mastic	PLM		TEM	
mB-36 Cove mastic PLM TEM		Cove mastic	PLM		TEM	
	mB-36	Cove MASTIC	PLM		TEM	



ASBESTOS LABORATORY REPORT

Prepared for

Paragon Engineering & Geosciences

PROJECT: Serenity Place

CEI LAB CODE: A13-14495

DATE ANALYZED: 12/06/13

DATE REPORTED: 12/09/13

TOTAL SAMPLES ANALYZED: 3

SAMPLES >1% ASBESTOS:

TEL: 866-481-1412

www.ceilabs.com



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Serenity Place **CEI LAB CODE:** A13-14495

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
MB-37		A1608045	Tan	Tile Grout	None Detected
MB-38		A1608046	Tan	Tile Grout	None Detected
MB-39		A1608047	Tan	Tile Grout	None Detected



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

CEI Lab Code: A13-14495

Date Received: 12-04-13 **Date Analyzed:** 12-06-13

Date Reported: 12-09-13

Project: Serenity Place

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBES			ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-i	ibrous	%
MB-37	Tile Grout	Heterogeneous		40%	Binder	None Detected
A1608045		Tan		60%	Silicates	
		Non-fibrous				
		Bound				
MB-38	Tile Grout	Heterogeneous		40%	Binder	None Detected
A1608046		Tan		60%	Silicates	
		Non-fibrous				
		Bound				
MB-39	Tile Grout	Heterogeneous		40%	Binder	None Detected
A1608047		Tan		60%	Silicates	
		Non-fibrous				
		Bound				



LEGEND: Non-Anth = Non-Asbestiform Anthophylite

Non-Trem = Non-Asbestiform Tremolite

Calc Carb = Calcium Carbonate

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

The detection limit for the method is <1% by visual estimation and 0.25% by 400 point counts or 0.1% by 1,000 point counts.

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 polarizing 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.

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ANALYST:

Greg Ruff

APPROVED BY:

Tianbao Bai, Ph.D. Laboratory Director



107 New Edition Court, Cary, NC 27511 Tel: 866-481-1412; Fax: 919-481-1442

CHAIN OF CUSTODY

LAB USE ONLY:	(3)
CEI Lab Code: A13-14495	
CEI Lab I.D. Range: A 1608048	-A1609047

COMPANY CONTACT INFO	DRMATION								
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Address: 1200 Woods)		Job Cont	act: (CAPOR	CDU	Misso	
Suite G-1	8			Email:	ted	ivarde	se pa	rapone	ing .N
Address: 1200 Woodraft ROAD Job Contact: TERRON Suitz G-18 Email: techward: Greenville & 29607 Tel: 864.444.0						1210			
Project Name: Seventy Place Fax:									
Project ID #:)			P.O. #:					
CHECK IF:									
POSITIVE STOP ANALYSIS				A	PLM D	UE DATE:	1	1	
SOUTH CAROLINA SAMPLES				(A)	TEM D	UE DATE:	1	1	
				ľ					
ASBESTOS	METHOD		4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY	
PLM BULK	EPA 600								
TEM BULK	CHATFIELD								
PLM POINT COUNT (400)	EPA 600								
PLM POINT COUNT (1000)	EPA 600								
PLM GRAVIMETRIC	EPA 600								
PLM GRAV w POINT COUNT	EPA 600								
OTHER:									
					,				
TEM INSTRUCTIONS									
BEGIN TEM ANALYSIS AFTER	R NEGATIVE PL	М			1				
ANALYZE TEM SAMPLES SIM	ULTANEOUSLY	WITH PL	M		1				
REMARKS: If needed, co	mhine samn	les from	the can	ne arour	o to achi	91/9			
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Jeen John		12/3	117	Pric	CEC		10:10	1	
								E. L.	

*Call to confirm RUSH analysis.



A13-14495 SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: PARAgon Engineering & CRO	Job Contact: TERRON EDWARDS
Project Name: Sevenity Place	tedwards@paragoneng, net
Project ID #:	Tel: 864.444.4210

SAMPLE ID#	DESCRIPTION / LOCATION	100000	TEST
MB-37	tile growt - dorm bath	PLM	TEM
mB-38	tile grout - dorm bath	PLM	TEM
mB-39	tile grout - dorm bath	PLM 🗀	TEM
		PLM 🗆	TEM
		PLM 🗆	TEM
		PLM 🗆	TEM
	9	PLM 🗆	TEM
		PLM 🗆	TEM
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		PLM 🗆	TEM
		PLM 🗆	TEM

Page	of
3	



ASBESTOS BULK ANALYSIS

By: TRANSMISSION ELECTRON MICROSCOPY

CEI Lab Code:

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

Date Received: 11-29-13 Date Analyzed: 12-04-13 Date Reported: 12-04-13

T13-1999

Project: Serenity Place

TEM BULK CHATFIELD

Client ID Lab ID	Material Description	Sample Weight (g)	Organic Material %	Acid Soluble Material %	Acid Insoluble Material %	Asbestos %
SB-3 T17724	Skylight Panel	0.1651	69	1.9	29.1	None Detected
SB-9 T17725	Floor Tile	0.175	12.1	85.7	2.2	None Detected
SB-9 T17726 Probable contam	Mastic	0.1291 sidual linoleun	69.2	26.6	4.2	1.2% Chrysotile
SB-15 T17727	Wallpaper	0.133	77.5	11.7	10.8	None Detected
MB-13 T17728	Floor Tile	0.1925	15.1	83.3	1.6	None Detected
MB-13 T17729	Mastic	0.1018	73.2	25.4	1.4	None Detected
MB-18 T17730	Floor Tile	0.2267	18	49.2	32.8	None Detected
MB-18 T17731	Mastic	0.1913	85.2	11.2	3.6	None Detected
MB-21 T17732	Floor Tile	0.31	14.5	84.3	1.2	None Detected
MB-21 T17733	Mastic	0.107	79.1	18.6	2.3	None Detected
MB-27 T17734	Floor Tile	0.3226	13.8	82.5	3.7	None Detected
MB-27 T17735	Mastic	0.162	64.3	10.5	25.2	None Detected



ASBESTOS BULK ANALYSIS

By: TRANSMISSION ELECTRON MICROSCOPY

CEI Lab Code:

Client: Paragon Engineering & Geosciences

1200 Woodruff Road, Suite G-18

Greenville, SC 29607

Date Received: 11-29-13 Date Analyzed: 12-04-13 Date Reported: 12-04-13

T13-1999

Project: Serenity Place

TEM BULK CHATFIELD

Client ID Lab ID	Material Description	Sample Weight (g)	Organic Material %	Acid Soluble Material %	Acid Insoluble Material %	Asbestos %
MB-30 T17736	Floor Tile	0.2528	12.8	85	2.2	None Detected
MB-30 T17737	Mastic	0.1021	79.1	18.2	2.7	None Detected
MB-33 T17738	Carpet Mastic	0.3815	47.2	9.8	43	None Detected
MB-36 T17739	Mastic	0.1346	43.3	38	18.7	None Detected

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ANALYST

Tianbao Bai

APPROVED BY:

Tianbao Bai, Ph.D. Laboratory Director



107 New Edition Court, Cary, NC 27511 Tel: 866-481-1412; Fax: 919-481-1442

713-1999 (6) T17724. T17739 CHAIN OF CUSTODY

LAB USE ONLY:	0 111-0	-A	A STATE OF THE STA	
CEI Lab Code: A	3-14292	(60		
CEI Lab I.D. Range:	A1100490	5-A1	6049	64

Suite G-18 Email: ferronge gmail.com Greenville SC 29607 Tel: 864, 444, 4210 Project Name: Serenity Place Fax: Project ID #: P.O. #: CHECK IF: POSITIVE STOP ANALYSIS SOUTH CAROLINA SAMPLES METHOD 4 HR* 8 HR* 24 HR 2 DAY 3 DAY 5 DAY PLM BULK EPA 600 PLM POINT COUNT (400) EPA 600 PLM POINT COUNT (400) EPA 600 PLM GRAVIMETRIC EPA 600 PLM GRAVIMETRIC EPA 600 PLM GRAV W POINT COUNT EPA 600 TEM INSTRUCTIONS BEGIN TEM ANALYSIS AFTER NEGATIVE PLM ANALYZE TEM SAMPLES SIMULTANEOUSLY WITH PLM REMARKS: If needed, combine samples from the same group to achieve sufficient weight for TEM analysis. Relinguished By: Date/Time Received By: Date/Time	COMPANY CONTACT INFO	DRMATION				M. M. S. H.			
Suite G-18 Email: ferronge gmail.com Greenville SC 29607 Tel: 864, 444, 4210 Project Name: Serenity Place Fax: Project ID #: P.O. #: CHECK IF: POSITIVE STOP ANALYSIS SOUTH CAROLINA SAMPLES METHOD 4 HR* 8 HR* 24 HR 2 DAY 3 DAY 5 DAY PLM BULK EPA 600 PLM POINT COUNT (400) EPA 600 PLM POINT COUNT (400) EPA 600 PLM GRAVIMETRIC EPA 600 PLM GRAVIMETRIC EPA 600 PLM GRAV W POINT COUNT EPA 600 TEM INSTRUCTIONS BEGIN TEM ANALYSIS AFTER NEGATIVE PLM ANALYZE TEM SAMPLES SIMULTANEOUSLY WITH PLM REMARKS: If needed, combine samples from the same group to achieve sufficient weight for TEM analysis. Relinguished By: Date/Time Received By: Date/Time	Company: Paragon E	ng & GEO		Client #:					
Tel: 864, 444, 4210 Project Name: Serenth Place Fax: Project ID #: P.O. #: CHECK IF: POSITIVE STOP ANALYSIS PLM DUE DATE: / / SOUTH CAROLINA SAMPLES TEM DUE DATE: / / ASBESTOS METHOD 4 HR* 8 HR* 24 HR 2 DAY 3 DAY 5 DAY PLM BULK EPA 600	Address: 1200 Woodruff RoAD			Job Contact: TERRON EDWARDS					
Tel: 864, 444, 4210 Project Name: Serenth Place Fax: Project ID #: Project ID #: PROBITIVE STOP ANALYSIS SOUTH CAROLINA SAMPLES METHOD 4 HR* 8 HR* 24 HR 2 DAY 3 DAY 5 DAY PLM BULK EPA 600 PLM POINT COUNT (400) EPA 600 PLM POINT COUNT (1000) EPA 600 PLM GRAVIMETRIC EPA 600 PLM GRAV W POINT COUNT EPA 600 THEN BULK EPA 600 CHAPTIELD CHAPT	Suite G-1	છ		Email:	ferr	onie	@9.	mail.	ion
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PLM BULK	SOUTH CAROLINA SAMPLES				TEM D	UE DATE:	I	1	_
PLM BULK			Economic States and St		ALCOHOLOGICA VIA NATIONAL		COLUMN TO SERVICE AND A T		
PLM BULK									
TEM BULK CHATFIELD	ASBESTOS	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY	
PLM POINT COUNT (400)	PLM BULK	EPA 600							
PLM POINT COUNT (1000) EPA 600	TEM BULK	CHATFIELD							
PLM GRAVIMETRIC	PLM POINT COUNT (400)	EPA 600							
PLM GRAV w POINT COUNT EPA 600	PLM POINT COUNT (1000)	EPA 600							
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REMARKS: If needed, combine samples from the same group to achieve sufficient weight for TEM analysis. Accept Samples Reject Samples Relinquished By: Date/Time Received By: Date/Time									
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Reject Samples Relinquished By: Date/Time Received By: Date/Time	sufficient weight for TEM a	analysis.		J					
Reject Samples Relinquished By: Date/Time Received By: Date/Time	Al .					22			
Relinquished By: Date/Time Received By: Date/Time	ı							Accept S	Samples
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Deux 1. floor 1/29/13 1/29/13 4/200PM	A C	11/20	12 pm		1/10		,	(211)2M	
	*Call to confirm RUSH analysis.	111/01/		Sar	nnles will	he dience			alveie



7/3. 1999 SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: PARAGON Engineering & GED	Job Contact: TERROW EDWANDS
Project Name: Screnity Place	
Project ID #:	Tel: 864.444.4210

SAMPLE ID#	DESCRIPTION / LOCATION		TEST
5B-1	Skylight panel	PLM 🗍	TEM
58-2	skylijht panel	PLM	TEM
SB-3	Skylight panel	PLM	TEM [
58-4	wofing tak	PLM 🗆	TEM 🗆
SB -5	roofing tran	PLM 🗆	TEM
SB-Le	rooting there	PLM 🗆	TEM 🗆
56-7	floor File mastic	PLM 🗆	TEM
SB-8	floor filt I'mashic	PLM 🗆	TEM
58-9	floor till mastic	PLM 🗆	TEM 🗆
56-10	Sheetroch Joint compound	PLM 🗆	TEM 🗆
SB-11	Sheetroch I joint compound	PLM 🔲	TEM 🗆
58-12	Sheetrock 1 Sint Compound	PLM 🔲	TEM
58-13	wallpaper	PLM 🗆	TEM 🗆
SB-14	wallpaper	PLM 🗆	TEM 🗆
50-15	coallpaper	PLM 🗆	TEM
SB-16	ceiling tile surface	PLM 🗆	TEM
58-17	ceilir file surface	PLM 🔲	TEM 🗆
SB-18	Ceiling his surface	PLM 🔲	TEM
58-19	upstrain Ceiling tole	PLM 🔲	тем 🗆
53-20	apstrairs ceiling title	PLM 🔲	TEM 🗀
50-21	upomins ceiling tile	PLM 🗆	TEM
SB -22	Clinoleum Imastic	PLM 🔲	TEM 🗆
5B-23 .	linoleum mastic	PLM 🗆	TEM
SB-24	linoleum mastic	PLM 🔲	TEM 🗆
MB-1	Sheetrock Boint Compound	PLM 🔲	TEM 🗆
MB-2	Sheetroch Joint Compound	PLM 🗆	тем 🗆
MB-3	Sheetrach I joint Compound	PLM 🗆	тем 🗆
MB-4	Sheetroch / joint compound	PLM 🗆	тем 🗆
mB-5	Sheet rock I joint compound	PLM 🗆	TEM
MB-6	Sheetroch Pipint Compound	PLM 🗆	TEM 🗆

A13-14292



7/3./999 SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: PAYLACTON Entineaving & CTED	Job Contact: TETHON EDWANDS
Project Name: Serenity Place	
Project ID #:	Tel: 864.444.4215

SAMPLE ID#	DESCRIPTION / LOCATION		TEST
MB-7	Sheetruch lisint Compound	PLM 🖂	тем 🖂
MB-8	popular ceiling texture	PLM 🖂	TEM []
AB-9	papeorn certing texture	PLM 🖂	TEM [7]
MB-10	popcorn ceiling Ofercture	PLM 🗆	тем 🗆
MB- 11	had floor tile mutotic	PLM 🗆	тем 🗆
mB-12	red floor tile Imastic	PLM 🔲	тем 🗆
MB-13	had floor file /mastic	PLM 🔲	тем 🗆
MB-14	possorn ceilin dephire	PLM 🗆	тем 🗆
MB-15	popcorn certing texture	PLM 🗆	тем 🗆
MB-16	bright red floor hite mastic	PLM 🗆	тем 🗆
MB-17	bright red floor tile MASTIC	PLM 🗆	тем 🗆
MB-18	bright red floor the mostic	PLM 🗆	тем 🗆
MB-19	white from the mastic	PLM 🗆	TEM .
mB-20	white floor tile mastic	PLM 🗆	тем 🗆
mo-21	white they the mostic	PLM 🗆	TEM 🗆
MB-92	Ceiling till	PLM 🗆	TEM 🗆
MB -23	Ceiling trus	PLM 🗆	TEM 🗆
mB-24	calling tilt	PLM 🗆	TEM 🗆
mB - 25	in Boat it open	PLM 🗆	TEM 🗆
mB-24	infant your floor tile / mastic	PLM 🔲	TEM
MB-27	infront rown floor tile mastic	PLM 🗆	TEM
MB-28	todder preschool floor tile mastic	PLM 🗀	TEM 🗆
		PLM 🗆	TEM 🗆
		PLM 🗆	TEM
MB-31	Carpet mastic	PLM 🔲	TEM
MB-32		PLM 🔲	TEM
mB-33		PLM 🔲	TEM 🗆
mB-34	cove mastic	PLM 🗆	TEM 🗆
MB-35	Core MASTIC	PLM 🗆	TEM
mB-36	Cove MASTIC	PLM 🗆	TEM 🗆

Page 2 of 2





Photograph No. 1

View of the skylight material located on the roof of the warehouse portion of the detached office/storage building.



Photograph No. 2

View of the asbestos containing roofing tar located around a roof vent on the office/storage building (pictured on concrete deck).





Photograph No. 3

View of the floor tile and mastic located in the foyer of the office/storage building.



Photograph No. 4

View of the sheetrock and associated joint compound in the foyer of the office/storage building. The joint compound tested positive for asbestos.





<u>Photograph No. 5</u>
Wallpaper located in the foyer of the office/storage building.



Photograph No. 6

View of the fiberglass ceiling tile surface located in the downstairs northern office of the office/storage building.





 $\underline{Photograph\ No.\ 7}$ Ceiling tile located in the upstairs rooms of the office/storage building.



Photograph No. 8

View of the linoleum flooring and associated white mastic (both positive for asbestos), located in the upstairs southern room of the office/storage building.





Photograph No. 9

View of typical sheetrock and associated joint compound in the Serenity Place building.



Photograph No. 10

View of the popcorn ceiling texture located in several areas of the Serenity Place building.





Photograph No. 11

Red floor tile and mastic found in several bathrooms, hallways, and the dining area of the Serenity Place building.



Photograph No. 12

The bright red floor tile and tan mastic located in the dishwashing area of the kitchen.





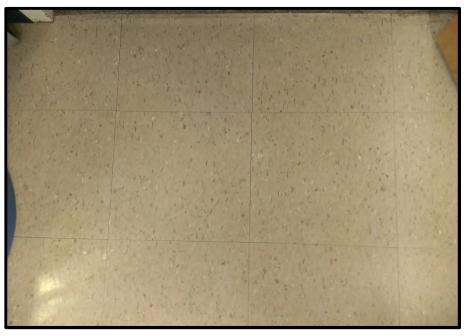
Photograph No. 13

View of the white floor tile located in the hallways and dining room areas of the Serenity Place building.



<u>Photograph No. 14</u>
View of the ceiling tile located throughout the Serenity Place building.





 $\underline{Photograph\ No.\ 15}$ View of floor tile located in the infant room.



 $\underline{Photograph\ No.\ 16}$ View of floor tile located in the toddler and pre-school rooms.





Photograph No. 17

Typical view of carpet mastic found throughout carpeted areas of the Serenity Place building.



Photograph No. 18

View of the ceramic floor tile and grout found in the resident bathrooms.

SCDHEC ISSUED Asbestos ID Card

Terron J Edwards

Expires

CONSULTBI

BI-00576 01/30/14



SAMPLE AGREEMENT FOR CONTRACTOR SERVICES

THIS AGREEMENT for construction services ("Agreement") is made as of the Agreement Date set forth below by and between The Phoenix Center, ("the OWNER"), and



In consideration of the Services to be rendered, the sums to be paid, and each and every covenant and condition contained herein, the parties hereto agree as follows:

OPERATIVE PROVISIONS

1. SERVICES.

The CONTRACTOR shall provide those services described in Attachment "A", Provision A-1. CONTRACTOR shall provide said services at the time, place and in the manner specified in Attachment "A", Provisions A-2 through A-3.

2. TERM.

Commencement Date: 3/3/2014 Termination Date: 3/31/2014

The term of this Agreement shall become effective on March 3, 2014, and shall continue in force and effect for a period of forty-five day(s), unless sooner terminated in accordance with the terms of this Agreement.

CONTRACTOR understands and agrees that there is no representation, implication, or understanding that the services provided by CONTRACTOR pursuant to this Agreement will be purchased by OWNER under a new agreement following expiration or termination of this Agreement, and CONTRACTOR waives all rights or claims to notice or hearing respecting any failure to continue purchase of all or any such services from CONTRACTOR.

3. PAYMENT.

OWNER shall pay CONTRACTOR for services rendered pursuant to this Agreement at the time and in the amount set forth in Attachment "B". The payment specified in Attachment "B" shall be the only payment made to CONTRACTOR for services rendered pursuant to this Agreement. CONTRACTOR shall submit all billings for said services to OWNER in the manner specified in Attachment "B".

4. FACILITIES, EQUIPMENT AND OTHER MATERIALS AND OBLIGATIONS OF OWNER.

CONTRACTOR shall, at its sole cost and expense, furnish all facilities, equipment, and other materials which may be required for furnishing services pursuant to this Agreement, unless an exception to this requirement is provided in Attachment "A", Provision A-4.

5. ADDITIONAL PROVISIONS.

Those additional provisions unique to this Agreement are set forth in Attachment "C".

6. GENERAL PROVISIONS.

The general provisions set forth in Attachment "D" are part of this Agreement. Any inconsistency between said general provisions and any other terms or conditions of this Agreement shall be controlled by the other term or condition insofar as it is inconsistent with the general provisions.

7. DESIGNATED REPRESENTATIVES.

The OWNER'S Purchasing Agent, is the designated representative of the OWNER and will administer this Agreement for the OWNER. _______ is the authorized designated representative for

CONTRACTOR. Changes in designated representatives shall occur only by advance written notice to the other party.

8. ATTACHMENTS.

All attachments referred to herein are attached hereto and by this reference incorporated herein. Attachments include:

Attachment A - Services

Attachment B - Payment

Attachment C - Additional Provisions

Attachment D - General Provisions

Attachment E – Insurance Provisions

9. TERMINATION. OWNER and CONTRACTOR shall each have the right to terminate this Agreement upon ten (10) days written notice to the other party.

IN WITNESS WHEREOF, the parties her	reto have executed this Agreement on
, 2014.	
"OWNER" THE PHOENIX CENTER	"CONTRACTOR"
Adam Brickner Executive Director	Owner

ATTACHMENT A SERVICES

A.1 SCOPE OF SERVICES AND DUTIES

The services to be provided by CONTRACTOR and the scope of CONTRACTOR's duties include the following:

- **A.1.1.** Inspection and abatement of Storage Building (approx. 2,400 SF lower level, 800 SF upper level).
- **A.1.2.** Abatement must include the collection and disposal of all asbestos containing and contaminated materials and subsequent cleaning of contaminated areas as required by law to demolish building.
- **A.1.3.** Abatement, collection and disposal must be performed in accordance with all applicable laws. Vendor is solely responsible for knowledge of and compliance to all applicable laws and regulations.
- **A.1.4.** Secure all required permits and notifications as required by law. All fees for such permits and notifications are the responsibility of the CONTRACTOR. CONTRACTOR shall provide copies of all such permits and notifications to OWNER.

A.2. TIME SERVICES RENDERED.

The services will be provided on such dates and at such times as specified by the OWNER. Specific date(s) to be mutually agreed upon by the OWNER and CONTRACTOR.

A.3. MANNER SERVICES ARE TO BE PERFORMED.

As an independent Contractor, CONTRACTOR shall be responsible for providing services and fulfilling obligations hereunder in a professional manner. OWNER shall not control the manner of performance.

A.4. FACILITIES FURNISHED BY OWNER.

CONTRACTOR shall, at his/her sole cost and expense, furnish all facilities, equipment, and other materials which may be required for furnishing services pursuant to this Agreement.

ATTACHMENT B PAYMENT

OWNER shall pay CONTRACTOR as follows:

OWNE	K Shali pay CONTRACTOR as follows.
B.1	BASE CONTRACT FEE OWNER shall pay CONTRACTOR a contract fee not to exceed
B.2	TRAVEL COSTS OWNER shall not pay CONTRACTOR for meals, lodging or other travel costs not included in this Agreement unless said costs are approved in advance by the OWNER representative (Operative Provision 7) and then OWNER shall pay OWNER'S per diem rates in effect on the date of invoice upon presentation of invoices.

B.3 AUTHORIZATION REQUIRED

Services performed by CONTRACTOR and not authorized in this Agreement shall not be paid for by OWNER. Payment for additional services shall be made to CONTRACTOR by OWNER if, and only if, this Agreement is amended by both parties in advance of performing additional services.

ATTACHMENT C ADDITIONAL PROVISIONS

C.1 FUNDING

CONTRACTOR and OWNER agree that this Agreement will be null, void and not enforceable if all or part of the funds secured by OWNER for the purposes of this Agreement are not made available to OWNER. If this provision is invoked, OWNER shall be liable for work already completed by CONTRACTOR at contracted rates.

C.2 FORCE MAJEURE

Neither party shall be liable in damages or have the right to terminate this Agreement for any delay or default in performing hereunder if such delay or default is caused by conditions beyond its control including, but not limited to Acts of God, Government restrictions (including the denial or cancellation of any export or other necessary license), wars, insurrections and/or any other cause beyond the reasonable control of the party whose performance is affected.

C.3 LAW, POLICY AND PROCEDURES, LICENSES, AND CERTIFICATES

CONTRACTOR agrees to administer this Agreement in accordance with all applicable local, OWNER, state, and federal laws, rules, and regulations applicable to their operations. CONTRACTOR shall further comply with all laws including, but not limited to, those relevant to wages and hours or employment, occupational safety, fire safety, health, sanitation standards and directives, guidelines, and manuals related to this Agreement. All issues shall be resolved using reasonable administrative practices and judgment. CONTRACTOR shall keep in effect all licenses, permits, notices, and certificates required by law and by this Agreement.

C.4 RECORDS

CONTRACTOR agrees to maintain and preserve, and to be subject to examination and audit for a period of three (3) years after termination of agreement to the OWNER's Auditor and/or to any duly authorized fiscal agent of the OWNER, any books, documents, papers, and records of CONTRACTOR which are relevant to this Agreement for the purpose of making an audit, or an examination, or for taking excepts and transcriptions.

C.5 HAZARDOUS MATERIALS

CONTRACTOR shall identify all hazardous materials as required under the South Carolina Code of Regulations and the State Health Safety Code. CONTRACTOR shall provide Material Safety Data Sheets (MSDS) for all products that may contain hazardous materials to the OWNER.

C.6 ACCEPTANCE

All work performed and completed under the Agreement is subject to the acceptance of the OWNER or its authorized representatives. Payment shall be made after inspection and approval by OWNER. Failure by the CONTRACTOR to take corrective action within 24 hours after personal or telephonic notice by the OWNER's representative on items affecting essential use of the facility, safety or the preservation of property, and within ten days following written notice on other deficiencies, will result in the OWNER taking whatever corrective action it deems necessary. All costs resulting from such action by the OWNER will be claimed against CONTRACTOR.

ATTACHMENT D GENERAL PROVISIONS

D.1 INDEPENDENT CONTRACTOR STATUS

At all times during the term of this Agreement, the following apply:

- **D.1.1** All acts of CONTRACTOR shall be performed as an independent Contractor and not as an agent, officer or employee of OWNER. It is understood by both CONTRACTOR and OWNER that this Agreement is by and between two independent parties and is not intended to and shall not be construed to create the relationship of agent, servant, employee, partnership, joint venture or association.
- **D.1.2** CONTRACTOR shall have no claim against OWNER for employee rights or benefits, including, but not limited to, seniority, vacation time, vacation pay, sick leave, personal time off, overtime, medical, dental or hospital benefits, civil service protection, disability retirement benefits, paid holidays or other paid leaves of absence.
- **D.1.3** CONTRACTOR is solely obligated to pay all applicable taxes, deductions and other obligations, including, but not limited to, federal and state income taxes, withholding and Social Security taxes, unemployment and disability insurance and Workers' Compensation and Medicare payments.
- D.1.4 As an independent Contractor, CONTRACTOR is not subject to the direction and control of OWNER except as to the final result contracted for under this Agreement. OWNER may not require CONTRACTOR to change its manner of doing business, but may require it to redirect its efforts to accomplish what it has agreed to do.
- **D.1.5** CONTRACTOR may provide services to others during the same period service is provided to OWNER under this Agreement.
- D.1.6 If in the performance of this Agreement any third persons are employed by CONTRACTOR, such persons shall be entirely and exclusively under the direction, supervision and control of CONTRACTOR. All terms of employment including hours, wages, working conditions, discipline, hiring and discharging or any other term of employment or requirements of law shall be determined by the CONTRACTOR.
- D.1.7 As an independent Contractor, CONTRACTOR hereby indemnifies and holds OWNER harmless from any and all claims that may be made against OWNER based on any contention by any third party that an employer-employee relationship exists by reason of this Agreement.

D.2 LICENSES, PERMITS, ETC.

CONTRACTOR represents and warrants to OWNER that it has all licenses, permits, qualifications, and approvals of whatsoever nature which are legally required for CONTRACTOR to practice its profession. CONTRACTOR represents and warrants to OWNER that CONTRACTOR shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement, any licenses, permits, and approvals which are legally required for CONTRACTOR to practice its profession at the time the services are performed. Failure of the CONTRACTOR to comply with this provision shall authorize the OWNER to immediately terminate this agreement.

D.3 TIME

CONTRACTOR shall devote such time to the performance of services pursuant to this Agreement as may be reasonably necessary for the satisfactory performance of CONTRACTOR's obligations pursuant to this Agreement. Neither party shall be considered in

default of this Agreement to the extent performance is prevented or delayed by any cause, present or future, which is beyond the reasonable control of the party.

D.4 INDEMNITY

CONTRACTOR shall defend, indemnify, and hold harmless OWNER, its elected and appointed councils, boards, commissions, officers, agents, and employees from any liability for damage or claims for damage for personal injury, including death, as well as for property damage, which may arise from the intentional or negligent acts or omissions of CONTRACTOR in the performance of services rendered under this Agreement by CONTRACTOR, or any of CONTRACTOR's officers, agents, employees, contractors, or subcontractors.

D.5 CONTRACTOR NOT AGENT

Except as OWNER may specify in writing, CONTRACTOR shall have no authority, express or implied, to act on behalf of OWNER in any capacity whatsoever as an agent. CONTRACTOR shall have no authority, express or implied, pursuant to this Agreement to bind OWNER to any obligation whatsoever.

D.6 ASSIGNMENT PROHIBITED

CONTRACTOR may not assign any right or obligation pursuant to this Agreement. Any attempted or purported assignment of any right or obligation pursuant to this Agreement shall be void and of no legal effect.

D.7 PERSONNEL

CONTRACTOR shall assign only competent personnel to perform services pursuant to this Agreement. In the event that OWNER, in its sole discretion, at any time during the term of this Agreement, desires the removal of any person or persons assigned by CONTRACTOR to perform services pursuant to this Agreement, CONTRACTOR shall remove any such person immediately upon receiving written notice from OWNER of its desire for removal of such person or persons.

D.8 STANDARD OF PERFORMANCE

CONTRACTOR shall perform all services required pursuant to this Agreement in the manner and according to the standards observed by a competent practitioner of the profession in which CONTRACTOR is engaged. All products of whatsoever nature which CONTRACTOR delivers to OWNER pursuant to this Agreement shall be prepared in a first class and workmanlike manner and shall conform to the standards or quality normally observed by a person practicing in CONTRACTOR's profession.

D.9 POSSESSORY INTEREST

The parties to this Agreement recognize that certain rights to property may create a "possessory interest". For all purposes of compliance by OWNER, this recital shall be deemed full compliance by the OWNER. All questions of initial determination of possessory interest and valuation of such interest, if any, shall be the responsibility of the OWNER Assessor and the contracting parties hereto. A taxable possessory interest may be created by this contract; and if created, the party in whom such an interest is vested will be subject to the payment of property taxes levied on such an interest.

D.10 TAXES

CONTRACTOR hereby grants to the OWNER the authority to deduct from any payments to CONTRACTOR any OWNER imposed taxes, fines, penalties and related charges which are delinquent at the time such payments under this Agreement are due to CONTRACTOR.

D.11 TERMINATION

Upon termination of this Agreement as otherwise provided herein, CONTRACTOR shall immediately cease rendering service upon the termination date and the following shall apply:

- **D.11.1** CONTRACTOR shall deliver copies of all writings prepared by it pursuant to this Agreement. The term "writings" shall be construed to mean and include: handwriting, typewriting, printing, Photostatting, photographing, and every other means of recording upon any tangible thing and form of communication or representation, including letters, words, pictures, sounds, or symbols, or combinations thereof.
- **D.11.2** OWNER shall have full ownership and control of all such writings or other communications delivered by CONTRACTOR pursuant to this Agreement.
- D.11.3 OWNER shall pay CONTRACTOR the reasonable value of services rendered by CONTRACTOR to the date of termination pursuant to this Agreement not to exceed the amount documented by CONTRACTOR and approved by OWNER as work accomplished to date; provided, however, OWNER shall not in any manner be liable for lost profits which might have been made by CONTRACTOR had CONTRACTOR completed the services required by this Agreement. In this regard, CONTRACTOR shall furnish to OWNER such financial information as in the judgment of the OWNER is necessary to determine the reasonable value of the services rendered by CONTRACTOR. In the event of a dispute as to the reasonable value of the services rendered by CONTRACTOR, the decision of the OWNER shall be final. The foregoing is cumulative and does not affect any right or remedy which OWNER may have in law or equity. CONTRACTOR may terminate its services under this Agreement upon thirty (30) days written notice to the OWNER, without liability for damages, if CONTRACTOR is not compensated according to the provisions of the Agreement or upon any other material breach of the Agreement by OWNER.

D.12 NON-DISCRIMINATION

Throughout the duration of this Agreement, CONTRACTOR shall not unlawfully discriminate against any employee of the CONTRACTOR or of the OWNER or applicant for employment or for services or any member of the public because of race, religion, color, national origin, ancestry, physical or mental disability, medical condition, marital status, age, sex or sexual orientation. CONTRACTOR shall ensure that in the provision of services under this Agreement, its employees and applicants for employment and any member of the public are free from such discrimination. CONTRACTOR shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900, et seq.). The applicable regulations of the Fair Employment Housing Commission implementing Government Code Section 12900, set forth in Chapter 5, Division 4 of Title 2 of the Code of Regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full. CONTRACTOR shall also abide by the Federal Civil Rights Act of 1964 and all amendments thereto, and all administrative rules and regulations issued pursuant to said Act. CONTRACTOR shall give written notice of its obligations under this clause to any labor agreement. CONTRACTOR shall include the non-discrimination and compliance provision of this paragraph in all subcontracts to perform work under this Agreement.

D.13 REHABILITATION ACT OF 1973/AMERICANS WITH DISABILITIES ACT OF1990.

In addition to application of the non-discrimination provision of this Agreement, above, CONTRACTOR agrees to comply with all provisions of section 504 et seq. of the Rehabilitation Act of 1973, and with all provisions of the Americans with Disabilities Act of 1990, and all amendments thereto, and all administrative rules and regulations issued pursuant to said Acts, pertaining to the prohibition of discrimination against qualified handicapped and disabled persons, in all programs or activities, as to employees or recipients of services.

D.14 OWNERSHIP OF INFORMATION

All professional and technical information developed under this Agreement and all work sheets, reports, and related data shall become the property of OWNER, and CONTRACTOR agrees to deliver reproducible copies of such documents to OWNER on completion of the services

hereunder. The OWNER agrees to indemnify and hold CONTRACTOR harmless from any claim arising out of reuse of the information for other than this project.

D.15 WAIVER

A waiver by any party of any breach of any term, covenant or condition herein contained or a waiver of any right or remedy of such party available hereunder at law or in equity shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant or condition herein contained or of any continued or subsequent right to the same right or remedy. No party shall be deemed to have made any such waiver unless it is in writing and signed by the party so waiving.

D.16 COMPLETENESS OF INSTRUMENT

This Agreement, together with its specific references and attachments, constitutes all of the agreements, understandings, representations, conditions, warranties and covenants made by and between the parties hereto. Unless set forth herein, neither party shall be liable for any representations made express or implied.

D.17 SUPERSEDES PRIOR AGREEMENTS

It is the intention of the parties hereto that this Agreement shall supersede any prior agreements, discussions, commitments, representations, or agreements, written or oral, between the parties hereto.

D.18 CAPTIONS

The captions of this Agreement are for convenience in reference only and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

D.19 DEFINITIONS

Unless otherwise provided in this Agreement, or unless the context otherwise requires, the following definitions and rules of construction shall apply herein.

D.19.1 NUMBER AND GENDER

In this Agreement, the neuter gender includes the feminine and masculine, and the singular includes the plural, the word "person" includes corporations, partnerships, firms or associations, wherever the context so requires.

D.19.2 MANDATORY AND PERMISSIVE

"Shall" and "will" and "agrees" are mandatory. "May" is permissive.

D.20 TERM INCLUDES EXTENSIONS

All references to the term of this Agreement or the Agreement Term shall include any extensions of such term.

D.21 SUCCESSORS AND ASSIGNS

All representations, covenants and warranties specifically set forth in this Agreement, by or on behalf of, or for the benefit of any or all of the parties hereto, shall be binding upon and inure to the benefit of such party, its successors and assigns.

D.22 MODIFICATION

No modification or waiver of any provision of this Agreement or its attachments shall be effective unless such waiver or modification shall be in writing, signed by all parties, and then shall be effective only for the period and on the condition, and for the specific instance for which given.

D.23 COUNTERPARTS

This Agreement may be executed simultaneously and in several counterparts, each of which shall be deemed an original, but which together shall constitute one and the same instrument.

D.24 OTHER DOCUMENTS

The parties agree that they shall cooperate in good faith to accomplish the object of this Agreement and to that end, agree to execute and deliver such other and further instruments and documents as may be necessary and convenient to the fulfillment of these purposes.

D.25 PARTIAL INVALIDITY

If any term, covenant, condition or provision of this Agreement is held by a Court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provision and/or provisions shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

D.26 JURISDICTION

It is agreed by the parties hereto that unless otherwise expressly waived by them, any action brought to enforce any of the provisions hereof or for declaratory relief hereunder shall be filed and remain in a Court of competent jurisdiction in the OWNER, State of South Carolina.

D.27 CONTROLLING LAW

The validity, interpretation and performance of this Agreement shall be controlled by and construed under the laws of the State of South Carolina.

D.28 TIME IS OF THE ESSENCE

Time is of the essence of this Agreement and each covenant and term a condition herein.

D.29 AUTHORITY

All parties to this Agreement warrant and represent that they have the power and authority to enter into this Agreement in the names, titles and capacities herein stated and on behalf of any entities, persons, estates or firms represented or purported to be represented by such entity(s), person(s), estate(s) or firm(s) and that all formal requirements necessary or required by any state and/or federal law in order to enter into this Agreement have been fully complied with. Further, by entering into this Agreement, neither party hereto shall have breached the terms or conditions of any other contract or agreement to which such party is obligated, which such breach would have a material effect hereon.

D.30 CONFLICT OF INTEREST

Neither an OWNER employee whose position in OWNER enables such employee to influence the award of this Agreement or any competing Agreement, nor a spouse or economic dependent of such employee, shall be employed in any capacity by CONTRACTOR herein, or have any other direct or indirect financial interest in this Agreement.

CONTRACTOR may be subject to the disclosure requirements of the OWNER conflict of interest code if in a position to make decisions or influence decisions that could have an effect on the CONTRACTOR's financial interest. The OWNER Administrator shall determine in writing if CONTRACTOR has been hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements described in the OWNER Conflict of Interest Code.

D.31 NOTICES

All notices and demands of any kind which either party may require or desire to serve on the other in connection with this Agreement must be served in writing either by personal service or by registered or certified mail, return receipt requested, and shall be deposited in the United States Mail, with postage thereon fully prepaid, and addressed to the party so to be served as follows:

If to "OWNER":

The Phoenix Center Adam Brickner, Executive Director 1400 Cleveland Street Greenville, SC 29607

If to "CONTRACTOR":

ATTACHMENT E INSURANCE PROVISIONS

Contractor shall procure and maintain for the duration of the contract insurance against claim s for injuries to persons or dam age to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Contractor, his agents, representatives, employees or subcontractors. With respect to General Liability, Errors & Omissions, Contractors Pollution Liability and/or Asbestos Pollution Liability, coverage should be maintained for a minimum of five (5) years after contract completion. If Contractor fails to maintain the Insurance provided herein, Owner may secure such insurance and deduct the cost thereof from any funds owing to Contractor.

Minimum Scope of Insurance:

Coverage shall be at least as broad as:

- 1. Insurance Services Office Commercial General Liability coverage (occurrence Form CG 00 01 or Claims Made Form CG 00 02).
- 2. Insurance Services Office Form No. CA 00 01, covering Automobile Liability, Code 1 (any auto).
- 3. Workers' Compensation insurance as required by the State of and Employer's Liability insurance.
- 4. Contractors Pollution Liability and/or Asbestos Pollution Liability and/or Errors & Omissions.

Minimum Limits of Insurance:

_					_	_
Contractor :	shall m	aintain	limits	nΩ	less	than:

1. General Liability: \$2,000,000 (including operations, products and completed operations, as applicable.)

Per occurrence for bodily injury, personal injury, and property damage. If Commercial General Liability insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

2. Automobile Liability: \$1,000,000 Per occurrence for bodily injury and

property damage.

3. Workers' Compensation: As required by the State of South Carolina.

4. Employer's Liability: \$1,000,000 Each accident, \$1,000,000 policy limit

bodily injury by disease, \$1,000,000 each employee bodily injury by disease.

5. Contractors Pollution: \$1,000,000 Each occurrence/\$2,000,000 policy aggregate, including Errors& Omissions Pollution Liability and/or if professional services are included

Errors & Omissions: under contract.

Deductible and Self Insured Retentions:

Any deductibles or self-insured retentions must be declared to and approved by the Owner. If possible, the Insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Owner, its officers, officials, employees and volunteers; or the Contractor shall provide evidence satisfactory to the Owner guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Other Insurance Provisions:

- A. The General Liability, Automobile Liability, Contractors Pollution Liability and/or Asbestos Pollution policies are to contain, or be endorsed to contain, the following provisions:
 - 1. The Owner, its officers, officials, employees and volunteers are to be covered as insured's with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations; Contractors Pollution Liability and/or Asbestos Pollution. No policy shall contain an "Insured" exclusion.
 - 2. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the Owner, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the Owner, its officers, officials, employees, agents or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
 - 3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by the Insurer except after thirty (30) days prior written notice has been given to the Owner.
- B. The Automobile Liability Policy shall be endorsed to include Transportation Pollution Liability insurance covering materials to be transported by the Contractor pursuant to the contract. This coverage may also be provided on the Contractors Pollution Liability policy.
- C. If General Liability, Contractors Pollution Liability and/or Asbestos Pollution Liability and/or Errors & Omissions coverage's are written on a claims-made form:
 - The retroactive date must be shown, and must be before the date of the contract or the beginning
 of contract work.
 - 2. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.
 - 3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective date, the Contract or must purchase an extended period coverage for a minimum of five (5) years after completion of work.
 - 4. A copy of the claims reporting requirements must be submitted to the Owner for review.
 - 5. If the services involve lead-based paint or asbestos identification / remediation, the Contractors Pollution Liability shall not contain lead-based paint or asbestos exclusions. If the services involve mold identification / remediation, the Contractors Pollution Liability shall not contain a mold exclusion and definition of "Pollution" shall include microbial matter including mold.

Acceptability of Insurers:

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII if admitted. If Contractors Pollution Liability, Asbestos Pollution and/or Errors & Omissions coverage's are not available from an admitted insurer, the coverage may be written by a non-admitted insurance company. A non-admitted company should have an A.M. Best's rating of A:X or higher. Exception maybe made for the State Compensation Insurance Fund when not specifically rated.

Verification of Coverage:

Contractor shall furnish Owner with endorsements effecting coverage required by this clause. The endorsements are to be signed by a person authorized by that Insurer to bind coverage on its behalf. The endorsements are to be on forms provided by the Owner, unless the insurance company will not use the Owner's form. All endorsements are to be received and approved by the Owner before work commences. However, failure to do so shall not operate as a waiver of these insurance requirements. As an alternative to the Owner's forms, the Contractor's insurer may provide complete copies of all required insurance policies, including endorsements affecting the coverage required by these specifications. Waiver of Subrogation

Contractor hereby agrees to waive subrogation which any insurer of contractor may acquire from vendor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the Owner for all work performed by the contractor, its employees, agents and subcontractors.

Subcontractors:

Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein.