



PHASE ENGINEERING

Limited Asbestos Inspection Report

Landmark on Cypress

301 Cypress Street

Abilene, Taylor County, Texas 79601

PE Project No.: 202506075

June 25, 2025

Prepared for:

Overland Property Group
5241 West 151st Terrace
Leawood, Kansas 66224

Prepared by:

Phase Engineering, LLC
5524 Cornish Street
Houston, Texas 77007

Overland Property Group
c/o April Engstrom
5241 West 151st Terrace
Leawood, Kansas 66224
Phone: (785) 212-0810 Email: aengstrom@overlandpg.com

RE: 202506075

Dear April Engstrom:

Phase Engineering, LLC (Texas Department of State Health Services [TDSHS] license #10-0224) has conducted an asbestos inspection for renovation purposes of the building materials in the Landmark on Cypress building located at 301 Cypress Street, Abilene, Taylor County, Texas 79601.

PROJECT SUMMARY	
Site Elements	Comments
Subject Property Address	301 Cypress Street, Abilene, Taylor County, Texas 79601
Location Contact	Jack Oduro
Date of Inspection	June 17, 2025
Building Plans / Prior Inspection Reports	Prior report provided by EHT, inspection on August 20, 2018
Known Areas Not Available for Access	None
Inspector Name	Ross Doctoroff
Inspector License #	TDSHS Asbestos Inspector License 602189
Company License #	TDSHS Asbestos Consultant Firm #10-0224
Number of Samples Collected	6
Number of Samples Analyzed	6
Number of samples containing or assumed to contain more than 1% asbestos via Polarized Light Microscopy (PLM)	3
Number of samples containing or assumed to contain more than 1% asbestos that were analyzed by Point Counting	0
Number of samples containing asbestos but less than 1% via Point Count analysis	0
Number of samples containing more than 1% asbestos	3

Laboratory Conducting Analysis and Method: Micro Analytical Services. (TDSHS License Number 30-0304), Methods - Polarized Light Microscopy with Dispersion Staining EPA Test Method 600/M4-82-020; (40CFR Part 763 Appendix E to Subpart E) & EPA 600/R-93/116.

Under EPA 600/R-93/116; Interim 40CFR Part 763 Appendix E to Subpart E it is not necessary to separate layers for point counting in the individual components are proportioned equally.

The potential Asbestos Containing Building Material (ACBM) samples collected, their descriptions, and their locations are summarized in the following table. ACBMs that tested positive over 1% for asbestos are shaded in yellow. Material that tested positive over 1% for asbestos via PLM, but tested to be 1% or less via Point Count analysis are shaded in blue.

Sample Number	Sample Description	Unit / Location	Percent Asbestos
See lab results, sample photographs, licenses and certifications and scope of work in the appendices of this report.			
01	12×12 floor tile (mastic)	1st floor north foyer entry	Floor tile - <1% Chrysotile Mastic - 5% Chrysotile
02	12×12 floor tile (mastic)	1st floor north foyer entry	Floor tile - <1% Chrysotile Mastic - 5% Chrysotile
03	12×12 floor tile (mastic)	1st floor north foyer entry	Floor tile - <1% Chrysotile Mastic - 5% Chrysotile
04	Sheetrock ceiling components (textured)	7th floor board room	<1% Chrysotile
05	Sheetrock ceiling components (textured)	7th floor board room	<1% Chrysotile
06	Sheetrock ceiling components (textured)	7th floor board room	<1% Chrysotile

Site Specific Details:

The inspection performed by Phase Engineering, LLC was a suspect asbestos containing building materials (ACBMs) inspection for renovation purposes of the building materials in the Landmark on Cypress building located at 301 Cypress Street, Abilene, Taylor County, Texas 79601 following the Texas Asbestos Health Protection Rules (TAHPR) and the National Emission Standards for Hazardous Air Pollutants (Title 40 CFR, Part 61) for any exterior samples required. **This inspection is not intended to comply with AHERA 40 CFR 763.**

Site Specific Details
Item Description
The inspector was provided no historical documentation of original construction or renovations of the building. No previous asbestos inspection reports or abatement reports were provided to the inspector.

Site Specific Details
Item Description
The sampling protocol followed for this inspection was intended for renovation purposes of the building materials in the Landmark on Cypress building located at 301 Cypress Street, Abilene, Taylor County, Texas 79601.
The building consisted of vinyl tile flooring and sheetrock ceilings.
The first-floor flooring types appear to be installed onto concrete and the upper-floor flooring types appear to be installed onto wood.
Any other suspect material found during renovation that was not sampled during this inspection is to be considered ACM until tested.
The mirrors within the building inspected appeared to be hung to the sheetrock walls. During the course of renovation, any suspect material observed behind mirrors (black mastic) or behind any observed ceramic tile is to be considered ACM until tested.
No roof materials were sampled as part of this inspection.
Areas behind walls and above ceilings were observed for suspect ACMs where possible. Phase Engineering, LLC does not warrant that all suspect ACMs above ceilings, under flooring, and behind walls have been identified.
The specific square footage of each homogeneous suspect ACM area is not included as a part of this limited asbestos inspection.

Although Phase Engineering, LLC uses trained and licensed inspectors in attempting to locate and identify materials potentially containing asbestos, Phase Engineering, LLC does not warrant that all materials containing asbestos have been identified. It is possible that there are materials containing asbestos that were not found because they were not visible or accessible to the inspector, or for various other reasons, were not sampled. Moreover, it is possible that the actual quantities of materials will differ from the quantities of materials estimated during this survey.

Samples taken are categorized as either friable or non-friable. The term friable refers to the ease with which the material can be crumbled or made to produce dust using hand pressure alone. For example, ceiling tiles are generally considered friable, while floor tiles are generally considered non-friable. Sheet rock wall materials are considered friable when damaged and non-friable when intact. The condition of the materials sampled is also categorized as good, damaged or significantly damaged.

A construction material is considered to be an ACM if it is composed of more than 1% asbestiform components.

Findings:

The results found during the asbestos inspection indicate that the following suspect ACM(s) contain more than 1% asbestos. The material found to be an ACM is summarized in the following table:

Type of Material	Approximate Location of ACM	Friable / Non-Friable - Condition	Asbestos % and Type
12×12 Floor tile (Mastic)	1st floor north foyer entry	Non-Friable - Good	Mastic - 5% Chrysotile

Type of Material	Approximate Location of ACBM	Friable / Non-Friable - Condition	Asbestos % and Type
12×12 Resilient floor tile (white with brown streaks)	3rd floor	Non-Friable - Good	Floor tile - 10% Chrysotile Mastic - 10% Chrysotile
1×1 Adhered acoustic tile and mastic (brown)	2nd floor	Non-Friable - Good	Mastic - 2% Chrysotile
1" TPI	5th and 7th floor	Non-Friable - Good	Mastic - 10%
1" TPFI	3rd, 5th and 7th floor	Non-Friable - Good	Mastic - 10%
12×12 Resilient floor tile (white with brown streaks)	3rd and 4th floor	Non-Friable - Good	Floor tile - 3-5% Chrysotile Mastic - 5% Chrysotile
4" TPI	4th and 5th floor	Non-Friable - Good	Mastic - 10% Chrysotile
4" TPFI	3rd, 4th and 5th floor	Non-Friable - Good	Mastic - 10% Chrysotile
Concrete (Red)	2nd and 4th floor	Non-Friable - Good	Red Concrete - 3% Chrysotile Grey Concrete - 3% Chrysotile Mastic - 5% Chrysotile
Composite sheet flooring (Brown)	3rd floor	Non-Friable - Good	Mastic - 5% Chrysotile
12×12 Resilient floor tile (gray with white streaks)	2nd, 3rd and 4th floor	Non-Friable - Good	Floor tile - 5% Chrysotile
Concrete (Dark brown)	2nd floor	Non-Friable - Good	Black concrete - 3% Chrysotile Gray concrete - 5% Chrysotile

No other suspect ACBMs analyzed were found to contain more than 1% asbestos in the Landmark on Cypress building located at 301 Cypress Street, Abilene, Taylor County, Texas 79601.

Recommendations:

If the buildings are to be demolished or renovated it is recommended that any other ACBMs or assumed ACBMs that will be disturbed be removed by a licensed abatement contractor and if applicable, a licensed asbestos consultant. The TDSHS Demolition/Renovation Notification form combines the requirements of the National Emission Standards for Hazardous Air Pollutants, 40 CFR, Subpart M (NESHAP) and the Texas Asbestos Health Protection Rules (TAHPR). Both of these regulations require that written notification be submitted before beginning renovation projects that include the disturbance of any asbestos-containing material in a facility. A notification form is required before the demolition of a building or facility, even when no asbestos is present. This form must be used to fulfill either of these requirements. Please call either 512-834-6610 or 1-800-572-5548 (within Texas), or your local regional office for assistance in completing this form.

If any ACBM is left in place the TDSHS may require an asbestos Management Plan in accordance with the TAHPR, section 295.34 (h). In the event that maintenance and repair are necessary, it is required by OSHA that anyone in contact with the disruption of these ACBMs be notified through an onsite, up-to-date asbestos Management Plan. This Management Plan should be developed to include emergency procedures for handling leaks, breaks, fire, etc. to ensure minimal release of asbestos fibers into the air. This plan should also ensure that when asbestos fibers are released, either accidentally or intentionally, proper control and cleanup procedures are implemented.

During renovation or demolition activities, care should be exercised in dealing with all construction materials even those shown to be non-asbestos containing (this would include materials technically considered as non-asbestos containing because they are below the one percent limit). If these non-asbestos materials are to be disturbed work practices should be used that will limit exposure to dust and debris. Contractors performing this work should conform to OSHA regulations outlined in 29 CFR 1926.55 (exposure limits can be found in 29 CFR 1910.1000 Table Z-3).

The Texas Asbestos Health Protection Rules (TAHPR) dated March 2003, §295.34 (c) (1) state "During the construction of or renovation in a public building, a person appropriately licensed in accordance with these rules, Texas-registered architect or Texas-licensed professional engineer may compile the information from material safety data sheets (MSDS) of all products used in the construction of the building and, finding no asbestos in any of those products, prepare a signed written certification that he has reviewed the MSDSs for all products used in the construction and that none of those products contain ACBM and: therefore, the building material do not contain asbestos. This certification, together with copies of the MSDSs and copies of any previous asbestos surveys, may be used as an asbestos survey."

Further TAHPR §295.34 (i) states that "A person may not install building materials or replacement parts as stated in subsection (j) of this section, in a public building unless: (1) the person obtains a required MSDS showing that the materials or replacement parts contain 1.0% or less of asbestos; or (2) the materials or replacement parts, according to the MSDS, contain more than 1.0% asbestos but there is no alternative material or part as demonstrated by the building owner or contractor." In the event of future renovation and or demolition, further sampling may be required of suspect asbestos containing materials prior to these activities to satisfy the Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and Texas Department of State Health Services (TDSHS) rules and regulations at that time. If suspect asbestos containing building

materials (not noted during this inspection) should be found during any renovation or demolition, these materials should be sampled for asbestos and handled appropriately following all local, state and federal rules and regulations at that time.

If improper renovation or demolition occurs the owner is subject to a \$10,000 a day fine, enforced by the Texas Department of State Health Services (TDSHS).

Thank you for the opportunity to work with you on your environmental needs. If you have any questions, feel free to contact us at (832)-485-2241 or 1-800-419-8881.

Sincerely,



Matt White
Asbestos Consultant
TDSHS License #105849



Ross Doctoroff
Asbestos Inspector
TDSHS License #602189

APPENDIX I

PHOTOGRAPHIC DOCUMENTATION



1. 12"x12" floor tile with black mastic current samples 1-3



2. Former identified floor tile ACM samples (068-070)



3. Former identified FT and floor covering ACMs 015-017 and 059



4. Former sampled area on 3rd floor samples 025-027



5. HA-2 ceiling material in 7th floor board room samples 4-6



6. Mastic remaining from acoustical tiles



7. Prior identified ACM samples 047-049



8. Red concrete (056-058)



9. Subject property



10. TSI and mastic from acoustical tiles



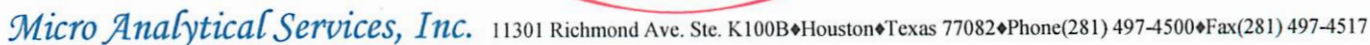
11. TSI and mastic from acoustical tiles



12. TSI formerly identified as ACM

APPENDIX II

LABORATORY RESULTS



Company: Phase Engineering	Contact: Ross Doctoroff	Project Name: Landmark
Address: 301 Cypress	Bill To: Phase Engineering	
		Project #: 202506075
City: Abilene		
State/Zip: TX		PO#:
Phone:		
Fax:	Date Collected: 6/17/2025	MAS Project #: 19881

[illegible]

Received By: _____ Date: _____ Time: _____



Micro Analytical Services, Inc. 11301 Richmond Ave. Ste.K100B♦Houston♦Tx 77082♦Phone(281)497-4500♦Fax(281)497-4517

NVLAP Lab Code: 200618-0

TDSHS License No. 30-0341

PLM BULK ASBESTOS ANALYSIS REPORT

CLIENT: Phase Engineering, Inc.

MAS JOB NO.: 19881-00

PROJECT: Landmark

REPORT DATE: June 23, 2025

IDENTIFICATION: Asbestos, Bulk Sample Analysis, Quantitation by Visual Area Estimation

TEST METHOD: Polarized Light Microscopy with Dispersion Staining
EPA - 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the
Determination of Asbestos in Bulk Insulation Samples
EPA - 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Material

STATEMENT OF LABORATORY ACCREDITATION

These samples were analyzed at Micro Analytical Services, Inc. in the Asbestos Laboratory at 11301 Richmond Ave. Suite K100B, Houston, Texas, 77082. The Laboratory holds accreditation from the National Institute of Standards and Technology under the National Voluntary Laboratory Accreditation Program (NVLAP). This laboratory is also licensed and authorized to perform as an Asbestos Laboratory in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a, as amended, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

The samples were analyzed in general accordance with the procedures outlined in the EPA - 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA - 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Material, under AHERA, for the analysis of asbestos in building materials by polarized light microscopy. The results of each bulk sample relate only to the material tested as submitted to the laboratory and the results shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Specific questions concerning bulk sample results shall be directed to the Asbestos Bulk Laboratory at Micro Analytical Services, Inc.

Analyst: Tony T. Dang

Approved Signatory:



Micro Analytical Services, Inc. 11301 Richmond Ave. Ste. K100B♦Houston♦Texas 77082♦Phone(281) 497-4500♦Fax(281) 497-4517

Polarized Light Microscopy Analysis

Phase Engineering, Inc.
5524 Cornish St.
Houston, Texas 77007

MAS Project #: 19881-00
Date Received: 6/19/2025
Date Analyzed: 6/23/2025

Project Name: Landmark

Field ID/ Lab ID	Layer #	Sample Description	Asbestos Detected? (Yes/No)	Asbestos Constituents (%)	Non-Asbestos Constituents (%)
01 MAS607198	1	Tan fibrous floor tile	Yes	<1% Chrysotile	100% Other
01 MAS607198	2	Black fibrous mastic	Yes	5% Chrysotile	95% Mastic
02 MAS607199	1	Tan fibrous floor tile	Yes	<1% Chrysotile	100% Other
02 MAS607199	2	Black fibrous mastic	Yes	5% Chrysotile	95% Mastic
03 MAS607200	1	Tan fibrous floor tile	Yes	<1% Chrysotile	100% Other
03 MAS607200	2	Black fibrous mastic	Yes	5% Chrysotile	95% Mastic
04 MAS607201	1	White fibrous popcorn with white paint	Yes	<1% Chrysotile	20% Foam 80% Other
04 MAS607201	2	White fibrous gypsum with brown paper	No		70% Cellulose 30% Gypsum
05 MAS607202	1	White fibrous popcorn with white paint	Yes	<1% Chrysotile	20% Foam 80% Other
05 MAS607202	2	White fibrous gypsum with brown paper	No		70% Cellulose 30% Gypsum
06 MAS607203	1	White fibrous popcorn with white paint	Yes	<1% Chrysotile	20% Foam 80% Other
06 MAS607203	2	White fibrous gypsum with brown paper	No		70% Cellulose 30% Gypsum

Samples have been analyzed by the EPA Interim Method 600/M4-82-020(40CFR Part 763 Appendix E to Subpart E) & EPA 600/R-93/116. The test results herein relate only to the sample submitted and analyzed. This report may only be reproduced in full with the approval of the Bulk Asbestos Laboratory of Micro Analytical Services (MAS). The above percentages are visual estimates of area percent. MAS is not responsible for any errors resulting from improper or incorrect sampling or shipping procedures. These samples will be retained for a period of 30 days. Accreditation by NVLAP in no way constitutes or implies product certification, approval, or endorsement by NIST. Some materials, especially floor tiles, contain asbestos fibers too thin to be detected by this method.

NVLAP Lab Code: 200618 TDSHS License: 30-0341

Analyzed by: Tony Dang

Approved NVLAP Signatory: Tony Dang

Limited Asbestos Survey

Hendrick Health System
Office Building
301 Cypress Street
Abilene, Texas

Project Number: 5717

August 2018

Prepared for:
Hendrick Health System
1900 Pine Street
Abilene, Texas 79601

Site Inspection:

Mark McHan
Individual Asbestos Consultant
TDSHS License #: 105642
Exp. 07-18-20



Prepared by:



Enprotec / Hibbs & Todd

402 Cedar, Abilene, Texas 79604
Phone: (325) 698-5560 / Fax: (325) 690-3240
Website: e-ht.com
PE Firm Registration No. 1151
PG Firm Registration No. 50103
RPLS Firm Registration Nos. 10011900 & 10007300

Hendrick Health System
Office Building
301 Cypress Street
Abilene, Texas

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Appendix A - Terminology

Abbreviations/Definitions

Appendix B - Survey Documentation

Laboratory Reports

Appendix C - License Documentation

Inspector's License Documents

Laboratory's License Documents

EXECUTIVE SUMMARY

Enprotec / Hibbs & Todd, Inc. (eHT) was authorized by Hendrick Health System to perform an asbestos survey of the Office Building, Located at 301 Cypress Street in Abilene, Texas. Based on the assessment results, the following suspect asbestos containing materials were identified:

- Drywall Gypsum Wallboard (DWGB);
- Wall Covering on DWGB;
- Texture on DWGB;
- Joint Compound on DWGB;
- Plaster (Rough Texture);
- Plaster (Smooth Texture);
- 12" x 12" Beige with Green Streaks Resilient Floor Tile (RFT) and Black Mastic;
- 12" x 12" White with Brown Streaks RFT and Black Mastic;
- Brown Sheet Flooring with Fiber Backing and Yellow Mastic;
- 12" x 12" Grey with White Streaks RFT and Yellow Mastic;
- Carpet Mastic (Green);
- Carpet Mastic (Yellow);
- Carpet Mastic (Blue);
- Grey Cove Base and Yellow Mastic;
- Brown Cove Base and Brown Mastic;
- Greenish Grey Cove Base and White Mastic;
- Blue Cove Base and Yellow and Brown Mastic;
- Black Concrete Flooring;
- Grey Concrete Flooring;
- Dark Brown Concrete Flooring;
- Red Concrete Flooring;
- 1' x 1' Adhered Acoustic Tile (AAT) and Brown Mastic;
- 2' x 2' Suspended Acoustic Tile (SAT), Glacier Pattern;
- 2' x 2' SAT, Pinhole Pattern
- Acoustical Texture;

- 4" Ceramic Tile, Grout, Adhesive;
- 1" Ceramic Tile, Grout, Mortar;
- Thermal Pipe Insulation (TPI) and White Mastic;
- Thermal Pipe Fitting Insulation (TPFI) and White Mastic;
- Painted Concrete Masonry Units (CMU); and
- Plaster Crown Molding.

The Asbestos Survey was performed on August 20, 2018 by Mark McHan, Asbestos Consultant, license number 105642, expiration date 07/18/20. One hundred seven (107) bulk samples of suspect asbestos containing building materials (ACBMs) were collected and submitted to the laboratory for analysis.

Based on the laboratory results, the following samples contained greater than one percent (1%) asbestos and the represented material is considered ACBMs:

- **015, 016, 017 – 12" x 12" Beige with Green Streaks RFT and Black Mastic, located on the south Suite on the 3rd Floor;**
- **022 – Brown Mastic adhesive associated with the 1' x 1' Adhered Acoustic Tile, located on the original ceiling in some areas of all floors;**
- **032, 033, 034, 035, 036, 051, 052, 053, 054, 055 – White Mastic on TPI and TPFI, located on air conditioning / heating pipes throughout the facility;**
- **047, 048, 049 – 12" x 12" White with Brown Streaks RFT and Black Mastic, located on the 3rd and 4th Floors of the facility;**
- **056, 057 – Red and Grey Concrete, located on 2, 3, 4, 5, 6 and 7th Floors in the west side stairwells and elevator corridors;**
- **059 – Black Mastic, located on the surface of the Brown Composite Sheet Flooring on the 4th Floor;**
- **068, 069, 070 – 12" x 12" Grey with White Streaks RFT, located on the 2, 3, and 4th Floors; and**
- **080 – Black and Grey Concrete, located on 2, 3, 4, 5, 6, and 7th Floors in the west side stairwells and elevator corridors.**

Material volumes were not calculated for the identified asbestos containing materials (ACMs).

The RFT and Black Mastic are classified as Category I non-friable ACMs in accordance with National Emission Standards for Hazardous Air Pollutant (NESHAP).

The Brown Mastic Adhesive associated with the 1' x 1' AAT is classified as a Category II non-friable ACM in accordance with NESHAP.

The Red, Grey, and Black Concrete is classified as a Category II non-friable ACM in accordance with NESHAP.

The White Mastic on the TPI and TPFI is classified as a Category II non-friable ACM in accordance with NESHAP.

The laboratory reports are presented in Appendix B. A table presenting the laboratory results is presented in the Tables Section. The sample locations are shown on Figures 1, 2, 3, 4, 5, 6 and 7 in the Figures Section.

Enprotec / Hibbs & Todd, Inc. recommends the following actions:

- Prior to demolition or renovation activities, ACBMs in the areas to be disturbed should be abated by a qualified asbestos abatement contractor under monitoring and supervision of a qualified asbestos consultant.
- Tenants, employees, maintenance personnel, contractors, and others that could potentially disturb asbestos during the course of their duties should be notified of the presence and location of asbestos in accordance with Texas Department of Health (TDH) OSHA regulations, 25 TAC295.34 (b) (2) and 29 CFR 1926.1101, respectively.
- Any suspect building materials not sampled in this assessment encountered during demolition and renovation activities should be sampled and tested for possible asbestos content by qualified personnel prior to continuation of activities.

1.0 INTRODUCTION:

1.1 Client/Facility Location

eHT was authorized by Hendrick Health System to perform an asbestos survey of the Office Building, located at 301 Cypress Street in Abilene, Texas. The asbestos survey was limited in scope to the interior of the facility.

1.2 Scope of Work:

In general, the scope of work included the performance of an asbestos survey on accessible suspect ACBMs throughout the interior of the facility.

The facility was a seven (7) story building constructed of steel and concrete with two (2) separate basement areas. The original walls were plaster. The original ceilings were plaster or concrete covered with adhered acoustic tile. Original floors were concrete, terrazzo or wood. Subsequent remodeling of the facility added sheetrock wall coverings and partitions. Also added was a chilled water cooling / heating system incorporated between the original ceiling and a suspended acoustic tile ceiling. Floor coverings added included carpet, vinyl sheet flooring, vinyl floor tile and ceramic tile.

1.3 Regulatory Standards:

This study was conducted based on the Final Rules for Asbestos Exposure in General Industry and Construction, issued August 10, 1994. An employer or owner may demonstrate that Presumed Asbestos Containing Material (PACM) (includes thermal system insulation, sprayed-on or troweled-on surfacing material and debris in work areas where such material is present) does not contain asbestos by having an inspection conducted pursuant to the requirements of Asbestos Hazard Emergency Response Act (AHERA) (40 CFR 763, Subpart E). Such tests shall include analysis of a minimum of three (3) bulk samples of each homogenous area of PACM collected in a randomly distributed manner. The tests, evaluation, and sample collection shall be performed by an accredited inspector or by a Certified Industrial Hygienist (CIH). The employer/building owner may demonstrate that flooring material, including associated mastic and backing, does not contain asbestos, based upon recognized analytical techniques showing that the material is asbestos free (contains 1% or less of asbestos).

State and Federal regulations require an asbestos survey be performed prior to renovation or demolition of a public or commercial building. Renovation and demolition will disturb building materials and the asbestos materials likely to be disturbed must be removed by a qualified (i.e. certified and licensed) asbestos abatement contractor under monitoring and supervision of a qualified asbestos consultant.

Federal and State regulations only allow asbestos material to remain in-place during demolition activities under certain circumstances. The circumstances are: 1) a building is declared to be structurally unsound and in danger of collapse, or 2) regulated materials are removed, leaving only certain non-friable materials in-place. Regulated asbestos-containing materials (RACMs) are ACMs that are friable or may become friable during demolition. Materials that may remain in-place include gaskets, packings, and asphalt roofing materials that are not friable and are not in poor condition (Category 1 Non-Friable ACM), as well as other non-friable materials (Category II Non-Friable ACM) that do not have a high probability of becoming or have not already become crumbled, pulverized or reduced to powder by forces expected to act on the Material in the course of demolition activities.

According to NESHAP [40CFR61.145(A)(3)], a building may be demolished with friable and non-friable ACMs in-place "if the facility is being demolished under an order of a State or Local government agency, issued because the facility is structurally unsound and in danger of imminent collapse". Texas Asbestos Health Protection Rules (TAHPR) similarly stated in 25 TAC 295.61(i), "The judgement that a structure is in danger of imminent collapse or that it is unsafe for anyone to enter shall be made by a professional engineer, registered architect, or government official" and as such the building would no longer meet the requirements of a public building [25 TAC 295.32(7A)(F)]. Leaving the ACMs requires the use of wet demolition techniques and proper disposal of all the resulting debris as asbestos waste.

1.4 Field Methods:

Prior to collecting bulk samples of suspect ACBM, distinct homogeneous sampling areas and specific sampling sites were defined. A homogeneous sample area can be defined as a material that is similar in appearance, color, and generally having the same episode of installation as surrounding "like" material. Attempts were made in all cases to obtain

representative samples of like materials, as this is the most cost-effective method for determination of ACBM. It should be assumed by the building owner, contractor, and the abatement contractors that the compositions of like materials in a single homogeneous area are the same.

As the suspect ACBM was located and identified, bulk samples were obtained and placed in labeled individual containers. The sample identification number on the containers directly corresponds with the numbers listed on the Chain-of-Custody (COC) and laboratory reports presented in Appendix A. **In the event that during any renovation or demolition, any suspect material is encountered behind any walls or other areas that were not accessible at the time this survey was conducted, samples of these suspect materials should be collected and analyzed by qualified asbestos inspectors and laboratories, respectively.**

1.5 Assessment of Suspect ACBM:

In accordance with AHERA (October 30, 1986), verified or assumed ACBM discovered in an inspection or reinspection of a facility shall be assessed in view of past, present, or future likelihood of disturbance and may include the following:

- Location of material present;
- Condition of material: type of damage, severity of damage, and the extent or spread of damage;
- Accessibility of the materials;
- Potential for disturbance of the material;
- Known or suspected causes of damage (i.e., air erosion, vandalism, service or repair, vibration, and water);
- Preventative measures which might eliminate the possibility of undamaged ACBM from being significantly damaged; and
- Actions to be taken to protect human health.

1.5.1 Classification of ACBM: Verified ACBM are classified into one of the following categories:

- Damaged ACBM thermal system insulation;
- Significantly damaged ACBM thermal system insulation;
- Damaged friable surfacing ACBM;
- Significantly damaged friable surfacing ACBM;
- Damaged friable miscellaneous ACBM;
- Significantly damaged friable miscellaneous ACBM;
- ACBM with potential for damage;
- ACBM with potential for significant damage; and
- Remaining ACBM not fitting into categories above.

ACBM is defined as friable if the material contains more than one-percent asbestos that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. ACBM is defined as non-friable if the material contains more than one-percent asbestos that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure. Friable materials are more likely to become airborne, thereby increasing the potential for health hazards.

1.5.2 Prioritization: The ACBM is usually examined and prioritized according to condition, location, potential for damage and potential or fiber release. The priorities are usually divided into the following categories:

- Low Hazard - those non-friable materials in good condition with low potential for disturbance **(L)**.
- Moderate Hazard - Those currently non-friable or friable materials in good physical condition that have a moderate potential for disturbance or damage to make them friable and release asbestos fibers to the air **(M)**.
- High Hazard - Those friable or non-friable materials that have become friable in poor physical condition and/or likely to be disturbed by air currents, water damage, construction or other activities which could distribute airborne asbestos fibers **(H)**.
- Immediate Hazard - Those friable or non-friable materials that have become friable, that are significantly damaged, have released material and/or are

very likely to expose unprotected persons (I).

1.6 Laboratory Methods:

A total of one hundred seven (107) bulk samples were collected from the building areas accessed. Polarized Light Microscopy (PLM) methods were utilized with dispersion-staining techniques according to US Environmental Protection Agency (EPA) Method EPA 600/R-93/116. This type of analysis requires the microscopist to take a portion of the bulk sample and treat it with a special light-refractive oil emulsion stain. This prepared slide is then subjected to a variety of tests while being viewed under varying polarization of light.

Each type of asbestos is determined by visual estimation. Even though this is an estimation, any material that contains more than one percent of any type of asbestos using the PLM method is considered an ACBM and must be handled according to Occupational Safety and Health Agency (OSHA) and EPA regulations, if disturbed.

Friable materials may be reanalyzed using the objective point counting method. (Asbestos NESHAP Revision Final Rule to CFR 61.141). The point counting method shall take precedent when different to the standard PLM method.

The samples were submitted to Moody Labs in Farmers Branch, Texas for analysis. This laboratory is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory and licensed by the Texas Department of State Health Services (TDSHS).

1.7 Response Actions:

The following four (4) basic response actions are options for each type of ACBM:

- Operations and Maintenance - requires maintenance of the material in an undamaged condition. This includes the repair or removal of damaged materials, record keeping, worker training, re-inspection, prevalent level air monitoring and documentation in a comprehensive Operations and Maintenance Program (O&M) specific to the building.
- Encapsulation - requires sealing of the exposed surface of the ACBM with a bridging-type encapsulant or conversion from a friable to non-friable status with penetrating type encapsulant. Encapsulation work must be conducted under conditions which control the

release of asbestos fibers into the building areas.

- Enclosure - requires isolation of the ACBM behind or within air-tight barriers of gypsum wallboard, plyboard, etc. Enclosure work must be conducted under conditions which control the release of asbestos fibers into the building areas.
- Removal - requires removal and disposal of the asbestos-containing building material (ACBM) under full asbestos abatement conditions by licensed asbestos abatement contractors.

2.0 Survey Findings:

The following findings are based on site investigations performed on August 20, 2018. This asbestos survey was performed in accordance with the Texas Asbestos Health Protection Rules, 25 TAC 295.34).

The following materials were identified as suspect ACBM or Presumed Asbestos Containing Building Materials (PACM):

- Drywall Gypsum Wallboard (DWGB);
- Wall Covering on DWGB;
- Texture on DWGB;
- Joint Compound on DWGB;
- Plaster (Rough Texture);
- Plaster (Smooth Texture);
- 12" x 12" Beige with Green Streaks Resilient Floor Tile (RFT) and Black Mastic;
- 12" x 12" White with Brown Streaks RFT and Black Mastic;
- Brown Sheet Flooring with Fiber Backing and Yellow Mastic;
- 12" x 12" Grey with White Streaks RFT and Yellow Mastic;
- Carpet Mastic (Green);
- Carpet Mastic (Yellow);
- Carpet Mastic (Blue);
- Grey Cove Base and Yellow Mastic;
- Brown Cove Base and Brown Mastic;
- Greenish Grey Cove Base and White Mastic;

- Blue Cove Base and Yellow and Brown Mastic;
- Black Concrete Flooring;
- Grey Concrete Flooring;
- Dark Brown Concrete Flooring;
- Red Concrete Flooring;
- 1' x 1' Adhered Acoustic Tile (AAT) and Brown Mastic;
- 2' x 2' Suspended Acoustic Tile (SAT), Glacier Pattern;
- 2' x 2' SAT, Pinhole Pattern
- Acoustical Texture;
- 4" Ceramic Tile, Grout, Adhesive;
- 1" Ceramic Tile, Grout, Mortar;
- Thermal Pipe Insulation (TPI) and White Mastic;
- Thermal Pipe Fitting Insulation (TPFI) and White Mastic;
- Painted Concrete Masonry Units (CMU); and
- Plaster Crown Molding.

Materials observed but not suspected of containing asbestos were not sampled. The non-sampled materials included fiberglass insulation, metal products, glass materials, plastic products and wood materials. A table presenting a summary of the ACMs is presented as Table 1 in the Tables Section.

The facility was viewed at 301 Cypress Street, Abilene, Texas on August 20, 2018. The survey was limited in scope to the interior of the facility. A total of 107 bulk samples of suspect ACBM materials were collected at this location. The laboratory reports are presented in Appendix B.

2.1 Laboratory Results:

Based on the laboratory results, the following samples contained greater than one percent (1%) asbestos and the represented material is considered ACBMs:

- **015, 016, 017 – 12" x 12" Beige with Green Streaks RFT and Black Mastic, located on the south Suite on the 3rd Floor;**
- **022 – Brown Mastic adhesive associated with the 1' x 1' Adhered Acoustic Tile, located on the original ceiling in some areas of all floors;**

- 032, 033, 034, 035, 036, 051, 052, 053, 054, 055 – White Mastic on TPI and TPFI, located on air conditioning / heating pipes throughout the facility;
- 047, 048, 049 – 12" x 12" White with Brown Streaks RFT and Black Mastic, located on the 3rd and 4th Floors of the facility;
- 056, 057 – Red and Grey Concrete, located on 2, 3, 4, 5, 6 and 7th Floors in the west side stairwells and elevator corridors;
- 059 – Black Mastic, located on the surface of the Brown Composite Sheet Flooring on the 4th Floor;
- 068, 069, 070 – 12" x 12" Grey with White Streaks RFT, located on the 2, 3, and 4th Floors; and
- 080 – Black and Grey Concrete, located on 2, 3, 4, 5, 6, and 7th Floors in the west side stairwells and elevator corridors.

Material volumes were not calculated for the identified asbestos containing materials (ACMs).

The RFT and Black Mastic are classified as Category I non-friable ACMs in accordance with National Emission Standards for Hazardous Air Pollutant (NESHAP).

The Brown Mastic Adhesive associated with the 1' x 1' AAT is classified as a Category II non-friable ACM in accordance with NESHAP.

The Red, Grey, and Black Concrete is classified as a Category II non-friable ACM in accordance with NESHAP.

The White Mastic on the TPI and TPFI is classified as a Category II non-friable ACM in accordance with NESHAP.

3.0 RECOMMENDATIONS:

- Prior to demolition or renovation activities, ACBMs in the areas to be disturbed should be abated by a qualified asbestos abatement contractor under monitoring and supervision of a qualified asbestos consultant.
- Tenants, employees, maintenance personnel, contractors, and others that could potentially disturb asbestos during the course of their duties should be notified of the presence and location of

asbestos in accordance with Texas Department of Health (TDH) OSHA regulations, 25 TAC295.34 (b) (2) and 29 CFR 1926.1101, respectively.

- Any suspect building materials not sampled in this assessment encountered during demolition and renovation activities should be sampled and tested for possible asbestos content by qualified personnel prior to continuation of activities.

4.0 STANDARDS/LIMITATIONS:

The work performed in conjunction with the data developed are intended as a description of available information at the dates and locations given. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

Opinions and recommendations presented herein apply to site conditions existing at the time of our investigation and those reasonably foreseeable; they cannot necessarily apply to site changes of which eHT is not aware and has not had the opportunity to evaluate.

This report is designed to aid the building owner, architect, construction manager, general contractor, and potential abatement contractor in locating ACBM. Under no circumstances is this report to be used as a bidding document or a project specification document.

Reasonable efforts were made to obtain representative samples of building materials and have those materials analyzed for asbestos content. Materials or conditions which were not observed due to the survey conditions stated herein may differ from those documented in this report. Should suspect materials be discovered during building renovation/demolition that have not been addressed, bulk samples of the material should be collected and analyzed for asbestos content prior to renovation and/or demolition.

Our professional services have been performed, our findings obtained, and recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. eHT is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

Tables:
Table 1, Suspect ACM Summary

TABLE 1 SUSPECT ACBM SUMMARY

Page 1 of 7

Hendrick Health System
Office Building
301 Cypress
Abilene, Texas

Sample No:	Material	Location	Type (S,TSI,M)	Friable/Nonfriable (F/NF)	Category Class. (1 - 9)	Priority (1 - 4)	Response Action (1 - 4)	Asbestos Content (ND=Non Detect)
001	DWGB & Wall Covering	3rd Floor						ND
002	DWGB & Wall Covering	2nd Floor						ND
003	DWGB & Wall Covering	5th Floor						ND
004	DWGB & Wall Covering	6th Floor						ND
005	DWGB & Wall Covering	7th Floor						ND
006	DWGB & Wall Covering	1st Floor						ND
007	DWGB & Wall Covering	3rd Floor						ND
008	Joint Compound	3rd Floor						ND
009	Joint Compound	2nd Floor						ND
010	Joint Compound	4th Floor						ND
011	Joint Compound	5th Floor						ND
012	Joint Compound	6th Floor						ND
013	Joint Compound	7th Floor						ND
014	Joint Compound	1st Floor						ND
015	12" x 12" Beige with Green Streaks RFT & Mastic	3rd Floor	M	NF	7	1	1	10% Chrysotile - RFT 10% Chrysotile - Black Mastic
016	12" x 12" Beige with Green Streaks RFT & Mastic	3rd Floor	M	NF	7	1	1	10% Chrysotile - RFT 10% Chrysotile - Black Mastic
017	12" x 12" Beige with Green Streaks RFT & Mastic	3rd Floor	M	NF	7	1	1	10% Chrysotile - RFT 10% Chrysotile - Black Mastic

Type	Category Classification:	Response Action:	Priority:
S Surfacing Material	1. Damaged ACBM thermal System Insulation	1. Operations and Maintenance	1. Low Hazard
TSI Thermal System Insulation	2. Significantly Damaged ACBM Thermal System Insulation	2. Encapsulation	2. Moderate Hazard
M Miscellaneous Material	3. Damaged Friable Surfacing ACBM	3. Enclosure	3. High Hazard
	4. Significantly Damaged Friable Surfacing ACBM	4. Removal	4. Immediate Hazard
	5. Damaged Friable Miscellaneous ACBM		
	6. Significantly Damaged Friable Miscellaneous ACBM		
	7. ACBM With Potential For Damage		
	8. ACBM With Potential For Significant Damage		
	9. Remaining ACBM Not Fitting Into Categories Above		

Note:

Asbestos Type, Category Classification, Priority and Response Action are not given for Non ACBMs listed on the table.

TABLE 1 SUSPECT ACBM SUMMARY

Hendrick Health System
Office Building
301 Cypress
Abilene, Texas

Sample No:	Material	Location	Type (S,TSI,M)	Friable/Nonfriable (F/NF)	Category Class. (1 - 9)	Priority (1 - 4)	Response Action (1 - 4)	Asbestos Content (ND=Non Detect)
018	2' x 2' SAT (Glacial)	3rd Floor						ND
019	2' x 2' SAT (Glacial)	2nd Floor						ND
020	2' x 2' SAT (Glacial)	4th Floor						ND
021	1' x 1' Adhered Acoustic Tile	3rd Floor						ND
022	1' x 1' Adhered Acoustic Tile	2nd Floor	M	NF	7	1	1	ND - Acoustic Tile 2% Chrysotile - Brown Mastic
023	1' x 1' Adhered Acoustic Tile	4th Floor						ND
024	1' x 1' Adhered Acoustic Tile	1st Floor						ND
025	Carpet Mastic (Green)	3rd Floor						ND
026	Carpet Mastic (Green)	3rd Floor						ND
027	Carpet Mastic (Green)	3rd Floor						ND
028	Gray Cove Base & Mastic	3rd Floor						ND
029	Gray Cove Base & Mastic	3rd Floor						ND
030	Gray Cove Base & Mastic	3rd Floor						ND
031	Thermal Pipe Insulation, 1"	3rd Floor						ND
032	Thermal Pipe Insulation, 1"	5th Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Paper/Foil Wrap 10% Chrysotile - White Mastic
033	Thermal Pipe Insulation, 1"	7th Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Paper/Foil Wrap 10% Chrysotile - White Mastic

Type

Category Classification:

Response Action:

Priority:

S	Surfacing Material	1. Damaged ACBM thermal System Insulation	1. Operations and Maintenance	1. Low Hazard
TSI	Thermal System Insulation	2. Significantly Damaged ACBM Thermal System Insulation	2. Encapsulation	2. Moderate Hazard
M	Miscellaneous Material	3. Damaged Friable Surfacing ACBM	3. Enclosure	3. High Hazard
		4. Significantly Damaged Friable Surfacing ACBM	4. Removal	4. Immediate Hazard
		5. Damaged Friable Miscellaneous ACBM		
		6. Significantly Damaged Friable Miscellaneous ACBM		
		7. ACBM With Potential For Damage		
		8. ACBM With Potential For Significant Damage		
		9. Remaining ACBM Not Fitting Into Categories Above		

Note:

Asbestos Type, Category Classification, Priority and Response Action are not given for Non ACBMs listed on the table.

TABLE 1 **SUSPECT ACBM SUMMARY**

Page 3 of 7

Hendrick Health System
Office Building
301 Cypress
Abilene, Texas

Sample No:	Material	Location	Type (S,TSI,M)	Friable/Nonfriable (F/NF)	Category Class. (1 - 9)	Priority (1 - 4)	Response Action (1 - 4)	Asbestos Content (ND=Non Detect)
034	Thermal Pipe Fitting Insulation, 1"	3rd Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Glass Fiber Mesh 10% Chrysotile - White Mastic
035	Thermal Pipe Fitting Insulation, 1"	5th Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Glass Fiber Mesh 10% Chrysotile - White Mastic
036	Thermal Pipe Fitting Insulation, 1"	7th Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Glass Fiber Mesh 10% Chrysotile - White Mastic
037	Plaster (Rough Texture)	3rd Floor						ND
038	Plaster (Rough Texture)	2nd Floor						ND
039	Plaster (Rough Texture)	4th Floor						ND
040	Plaster (Rough Texture)	5th Floor						ND
041	Plaster (Rough Texture)	6th Floor						ND
042	Plaster (Rough Texture)	7th Floor						ND
043	Plaster (Rough Texture)	1st Floor						ND
044	Brown Cove Base & Mastic	3rd Floor						ND
045	Brown Cove Base & Mastic	2nd Floor						ND
046	Brown Cove Base & Mastic	6th Floor						ND
047	12" x 12" White with Brown Streaks RFT & Mastic	3rd Floor	M	NF	7	1	1	ND - Green Mastic 5% Chrysotile - RFT 10% Chrysotile - Black Mastic
048	12" x 12" White with Brown Streaks RFT & Mastic	4th Floor	M	NF	7	1	1	ND - Yellow Mastic 3% Chrysotile - RFT ND - Yellow Mastic
049	12" x 12" White with Brown Streaks RFT & Mastic	3rd Floor	M	NF	7	1	1	ND - Blue Mastic ND - Yellow Mastic 3% Chrysotile - RFT 5% Chrysotile - Black Mastic

Type	Category Classification:	Response Action:	Priority:
S Surfacing Material	1. Damaged ACBM thermal System Insulation	1. Operations and Maintenance	1. Low Hazard
TSI Thermal System Insulation	2. Significantly Damaged ACBM Thermal System Insulation	2. Encapsulation	2. Moderate Hazard
M Miscellaneous Material	3. Damaged Friable Surfacing ACBM	3. Enclosure	3. High Hazard
	4. Significantly Damaged Friable Surfacing ACBM	4. Removal	4. Immediate Hazard
	5. Damaged Friable Miscellaneous ACBM		
	6. Significantly Damaged Friable Miscellaneous ACBM		
	7. ACBM With Potential For Damage		
	8. ACBM With Potential For Significant Damage		
	9. Remaining ACBM Not Fitting Into Categories Above		

Note:

Asbestos Type, Category Classification, Priority and Response Action are not given for Non ACBMs listed on the table.

TABLE 1 SUSPECT ACBM SUMMARY

Page 4 of 7

Hendrick Health System
Office Building
301 Cypress
Abilene, Texas

Sample No.	Material	Location	Type (S,TSI,M)	Friable/Nonfriable (F/NF)	Category Class. (1 - 9)	Priority (1 - 4)	Response Action (1 - 4)	Asbestos Content (ND=Non Detect)
050	Thermal Pipe Insulation, 4"	3rd Floor						ND
051	Thermal Pipe Insulation, 4"	4th Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Foli/Paper Wrap 10% Chrysotile - White Mastic
052	Thermal Pipe Insulation, 4"	5th Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Foli/Paper Wrap 10% Chrysotile - White Mastic
053	Thermal Pipe Fitting Insulation, 4"	3rd Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Glass Fiber Mesh 10% Chrysotile - White Mastic
054	Thermal Pipe Fitting Insulation, 4"	4th Floor	M	NF	7	1	1	ND - Thermal Insulation 10% Chrysotile - White Mastic
055	Thermal Pipe Fitting Insulation, 4"	5th Floor	M	NF	7	1	1	ND - Thermal Insulation ND - Glass Fiber Mesh 10% Chrysotile - White Mastic
056	Red Concrete	3rd Floor	M	NF	7	1	1	3% Chrysotile - Red Concrete 3% Chrysotile - Grey Concrete 5% Chrysotile - Black Mastic
057	Red Concrete	2nd Floor	M	NF	7	1	1	3% Chrysotile - Concrete ND - Yellow Mastic
058	Red Concrete	4th Floor						ND
059	Brown Composite Sheet Flooring	3rd Floor	M	NF	7	1	1	5% Chrysotile - Black Mastic ND - Sheet Flooring ND - Fiber Backing ND - Yellow Mastic ND - Felt
060	Brown Composite Sheet Flooring	4th Floor						ND - Sheet Flooring ND - Fiber Backing ND - Yellow Mastic ND - Felt
061	Brown Composite Sheet Flooring	6th Floor						ND - Sheet Flooring ND - Fiber Backing ND - Yellow Mastic ND - Felt
062	4" Ceramic Tile, Grout, Adhesive	3rd Floor						ND
063	4" Ceramic Tile, Grout, Adhesive	2nd Floor						ND
064	4" Ceramic Tile, Grout, Adhesive	7th Floor						ND
065	1" Ceramic Tile, Grout, Mortar	3rd Floor						ND
066	1" Ceramic Tile, Grout, Mortar	2nd Floor						ND
067	1" Ceramic Tile, Grout, Mortar	7th Floor						ND

Type	Category Classification:	Response Action:	Priority:
S Surfacing Material	1. Damaged ACBM Thermal System Insulation	1. Operations and Maintenance	1. Low Hazard
TSI Thermal System Insulation	2. Significantly Damaged ACBM Thermal System Insulation	2. Encapsulation	2. Moderate Hazard
M Miscellaneous Material	3. Damaged Friable Surfacing ACBM	3. Enclosure	3. High Hazard
	4. Significantly Damaged Friable Surfacing ACBM	4. Removal	4. Immediate Hazard
	5. Damaged Friable Miscellaneous ACBM		
	6. Significantly Damaged Friable Miscellaneous ACBM		
	7. ACBM With Potential For Damage		
	8. ACBM With Potential For Significant Damage		
	9. Remaining ACBM Not Fitting Into Categories Above		

Note:

Asbestos Type, Category Classification, Priority and Response Action are not given for Non ACBMs listed on the table.

TABLE 1 SUSPECT ACBM SUMMARY

Page 5 of 7

Hendrick Health System
Office Building
301 Cypress
Abilene, Texas

Sample No:	Material	Location	Type (S,TSI,M)	Friable/Nonfriable (F/NF)	Category Class. (1 - 9)	Priority (1 - 4)	Response Action (1 - 4)	Asbestos Content (ND=Non Detect)
068	12" x 12" Grey with White Streaks RFT & Mastic	3rd Floor	M	NF	7	1	1	5% Chrysotile - RFT ND - Yellow Mastic
069	12" x 12" Grey with White Streaks RFT & Mastic	2nd Floor	M	NF	7	1	1	5% Chrysotile - RFT ND - Yellow Mastic
070	12" x 12" Grey with White Streaks RFT & Mastic	4th Floor	M	NF	7	1	1	5% Chrysotile - RFT No Mastic
071	Painted CMU	3rd Floor						ND
072	Painted CMU	2nd Floor						ND
073	Painted CMU	4th Floor						ND
074	Plaster Crown Molding	2nd Floor						ND
075	Plaster Crown Molding	2nd Floor						ND
076	Plaster Crown Molding	2nd Floor						ND
077	Carpet Mastic (Brown)	2nd Floor						ND
078	Carpet Mastic (Brown)	2nd Floor						ND
079	Carpet Mastic (Brown)	2nd Floor						ND
080	Dark Brown Concrete	2nd Floor	M	NF	7	1	1	3% Chrysotile - Black Concrete 5% Chrysotile - Grey Concrete
081	Dark Brown Concrete	4th Floor						ND
082	Dark Brown Concrete	5th Floor						ND
083	Greenish Grey Cove Base & Mastic	2nd Floor						ND
084	Greenish Grey Cove Base & Mastic	2nd Floor						ND
085	Greenish Grey Cove Base & Mastic	2nd Floor						ND

Type	Category Classification:	Response Action:	Priority:
S Surfacing Material	1. Damaged ACBM thermal System Insulation	1. Operations and Maintenance	1. Low Hazard
TSI Thermal System Insulation	2. Significantly Damaged ACBM Thermal System Insulation	2. Encapsulation	2. Moderate Hazard
M Miscellaneous Material	3. Damaged Friable Surfacing ACBM	3. Enclosure	3. High Hazard
	4. Significantly Damaged Friable Surfacing ACBM	4. Removal	4. Immediate Hazard
	5. Damaged Friable Miscellaneous ACBM		
	6. Significantly Damaged Friable Miscellaneous ACBM		
	7. ACBM With Potential For Damage		
	8. ACBM With Potential For Significant Damage		
	9. Remaining ACBM Not Fitting Into Categories Above		

Note:

Asbestos Type, Category Classification, Priority and Response Action are not given for Non ACBMs listed on the table.

TABLE 1
SUSPECT ACBM SUMMARY

Page 6 of 7

**Hendrick Health System
Office Building
301 Cypress
Abilene, Texas**

Sample No:	Material	Location	Type (S, TSI, M)	Friable/Nonfriable (F/NF)	Category Class. (1 - 9)	Priority (1 - 4)	Response Action (1 - 4)	Asbestos Content (ND=Non Detect)
086	Plaster (White, Smooth)	2nd Floor						ND
087	Plaster (White, Smooth)	5th Floor						ND
088	Plaster (White, Smooth)	8th Floor						ND
089	Plaster (White, Smooth)	7th Floor						ND
090	Plaster (White, Smooth)	2nd Floor						ND
091	Plaster (White, Smooth)	2nd Floor						ND
092	Plaster (White, Smooth)	2nd Floor						ND
093	DWGB & Texture	2nd Floor						ND
094	DWGB & Texture	4th Floor						ND
095	DWGB & Texture	1st Floor						ND
096	Blue Cove Base & Mastic	5th Floor						ND
097	Blue Cove Base & Mastic	8th Floor						ND
098	Blue Cove Base & Mastic	5th Floor						ND
099	2' x 2' SAT (Pin Holes)	5th Floor						ND
100	2' x 2' SAT (Pin Holes)	6th Floor						ND
101	2' x 2' SAT (Pin Holes)	5th Floor						ND
102	Acoustic Texture	8th Floor						ND
103	Acoustic Texture	7th Floor						ND
104	Acoustic Texture	5th Floor						ND

Type	Category Classification:	Response Action:	Priority:
S Surfacing Material	1. Damaged ACBM thermal System Insulation	1. Operations and Maintenance	1. Low Hazard
TSI Thermal System Insulation	2. Significantly Damaged ACBM Thermal System Insulation	2. Encapsulation	2. Moderate Hazard
M Miscellaneous Material	3. Damaged Friable Surfacing ACBM	3. Enclosure	3. High Hazard
	4. Significantly Damaged Friable Surfacing ACBM	4. Removal	4. Immediate Hazard
	5. Damaged Friable Miscellaneous ACBM		
	6. Significantly Damaged Friable Miscellaneous ACBM		
	7. ACBM With Potential For Damage		
	8. ACBM With Potential For Significant Damage		
	9. Remaining ACBM Not Fitting Into Categories Above		

Note:

Asbestos Type, Category Classification, Priority and Response Action are not given for Non ACBMs listed on the table.

[illegible]

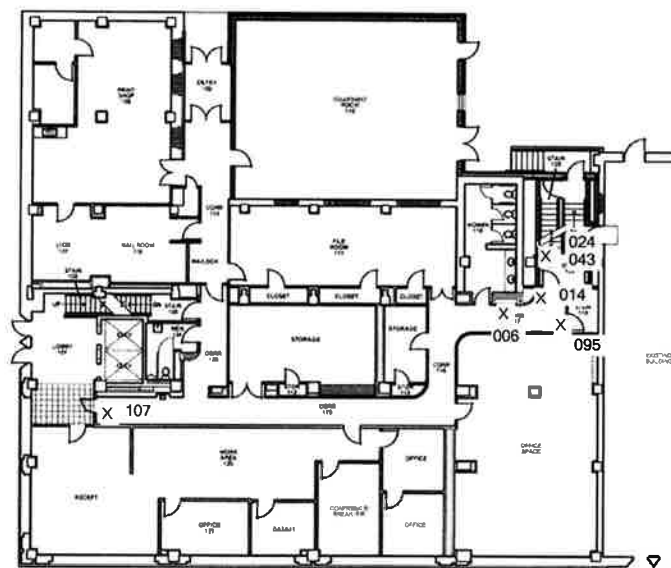
Note:

Asbestos Type, Category Classification, Priority and Response Action are not given for Non ACBMs listed on the table.

Figures:

- Figure 1, Sample Location Layout, First Floor**
- Figure 2, Sample Location Layout, Second Floor**
- Figure 3, Sample Location Layout, Third Floor**
- Figure 4, Sample Location Layout, Fourth Floor**
- Figure 5, Sample Location Layout, Fifth Floor**
- Figure 6, Sample Location Layout, Sixth Floor**
- Figure 7, Sample Location Layout, Seventh Floor**

FIGURE 1
SAMPLE LOCATION LAYOUT
HENDRICK HEALTH SYSTEM
301 CYPRESS
ABILENE, TEXAS

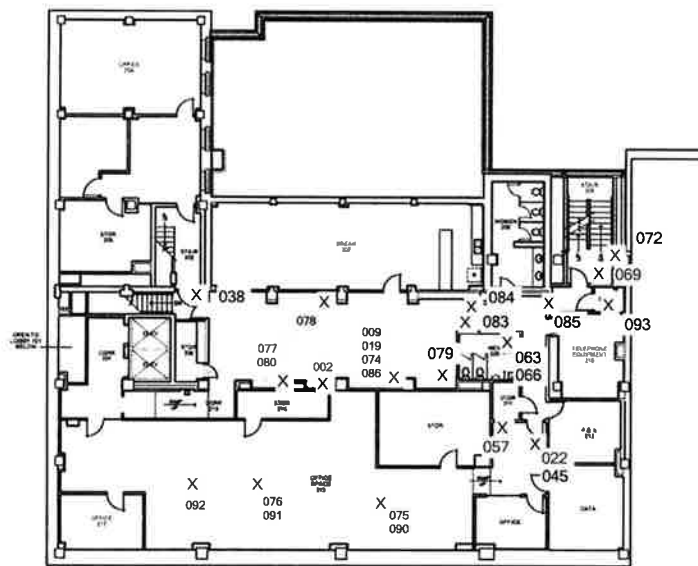


FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

LEGEND:

- X = SAMPLE LOCATION
- 001 = SAMPLE ID
- 001 = SAMPLE IDENTIFIED AS ACM

FIGURE 2
SAMPLE LOCATION LAYOUT
HENDRICK HEALTH SYSTEM
301 CYPRESS
ABILENE, TEXAS

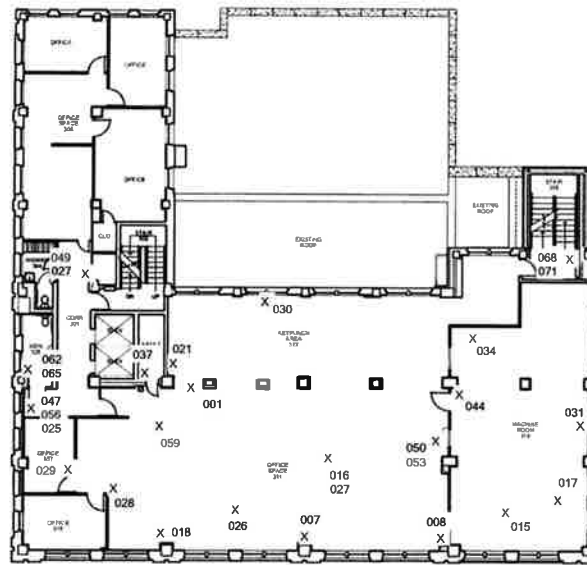


LEGEND:
X = SAMPLE LOCATION
001 = SAMPLE ID
001 = SAMPLE IDENTIFIED AS ACM



SECOND FLOOR PLAN
SCALE: VERTICAL = 1"=0'

FIGURE 3
 SAMPLE LOCATION LAYOUT
 HENDRICK HEALTH SYSTEM
 301 CYPRESS
 ABILENE, TEXAS

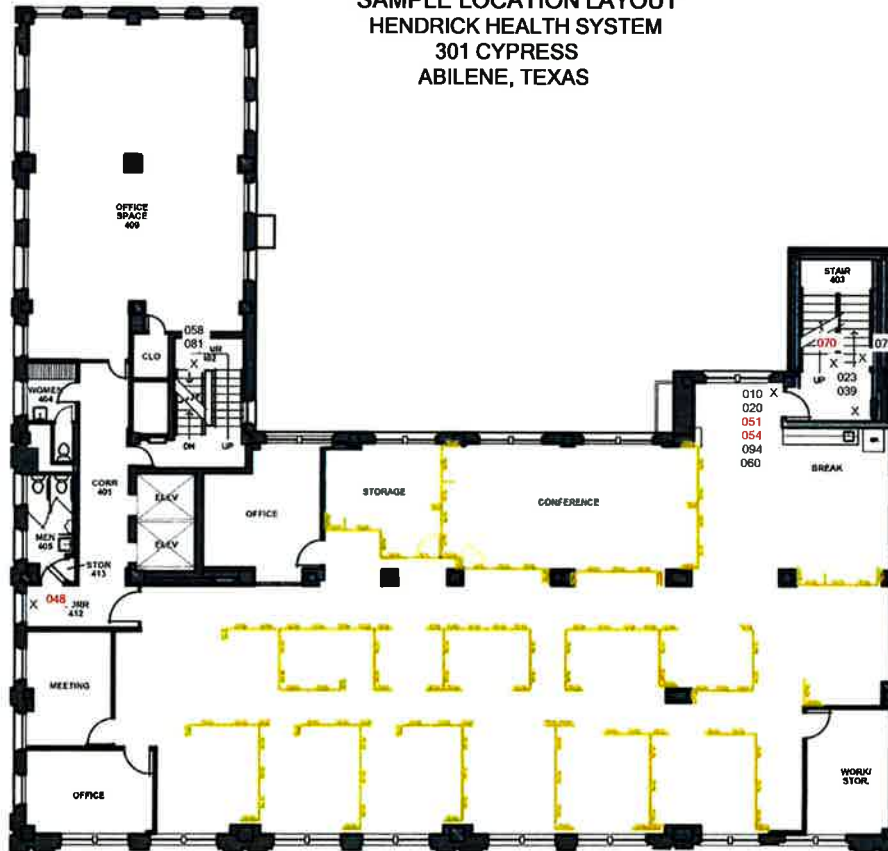


THIRD FLOOR PLAN
 SCALE: 1/8" = 1'-0"

LEGEND:

- X = SAMPLE LOCATION
- 001 = SAMPLE ID
- 001 = SAMPLE IDENTIFIED AS ACM

FIGURE 4
SAMPLE LOCATION LAYOUT
HENDRICK HEALTH SYSTEM
301 CYPRESS
ABILENE, TEXAS



FLOOR PLAN - LEVEL 4
SCALE: 1/16" = 1'-0"

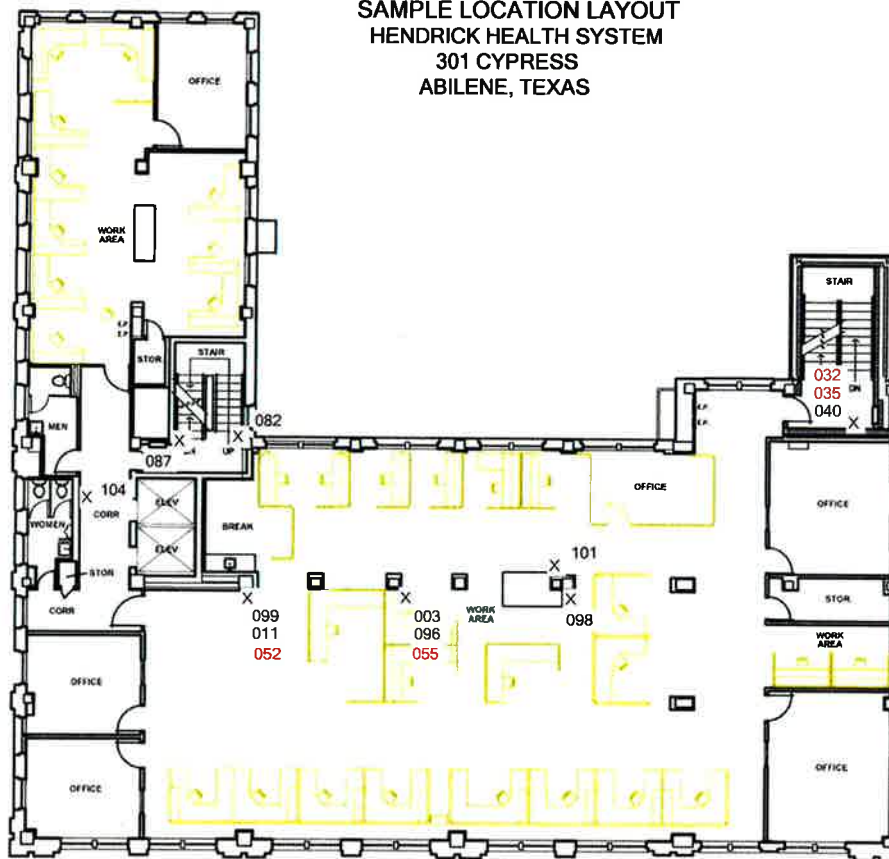
LEGEND:

X = SAMPLE LOCATION

001 = SAMPLE ID

001 = SAMPLE IDENTIFIED AS ACM

FIGURE 5
SAMPLE LOCATION LAYOUT
HENDRICK HEALTH SYSTEM
301 CYPRESS
ABILENE, TEXAS



FIFTH FLOOR PLAN

SCALE : 1/16" = 1'-0"

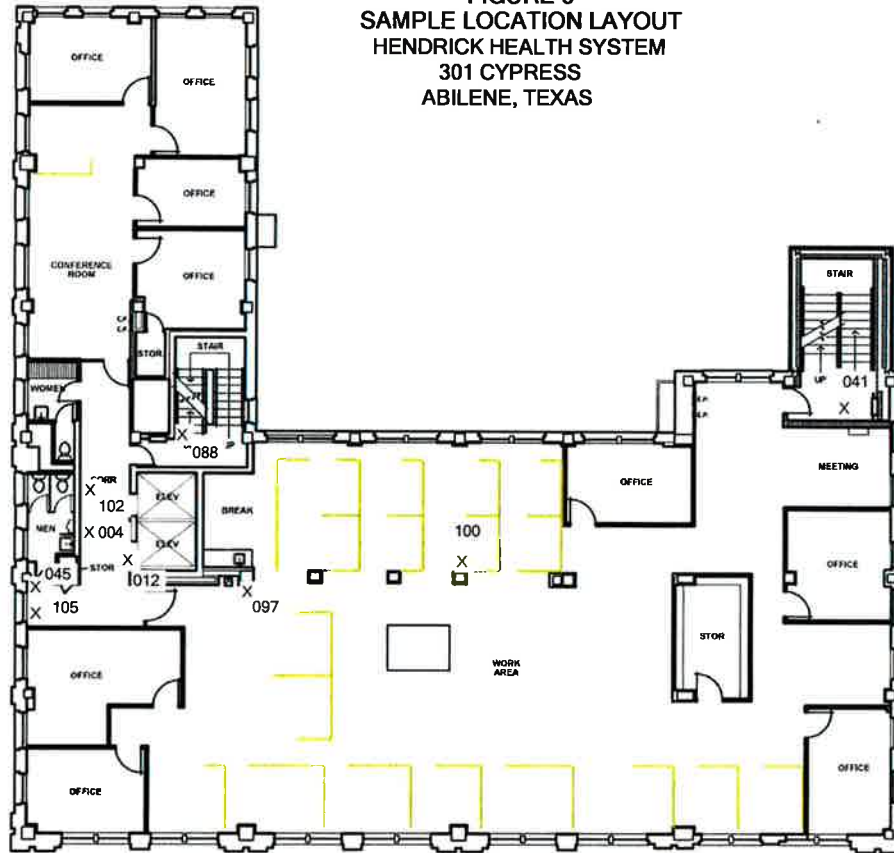
LEGEND:

X = SAMPLE LOCATION

001 = SAMPLE ID

001 = SAMPLE IDENTIFIED AS ACM

FIGURE 6
SAMPLE LOCATION LAYOUT
HENDRICK HEALTH SYSTEM
301 CYPRESS
ABILENE, TEXAS



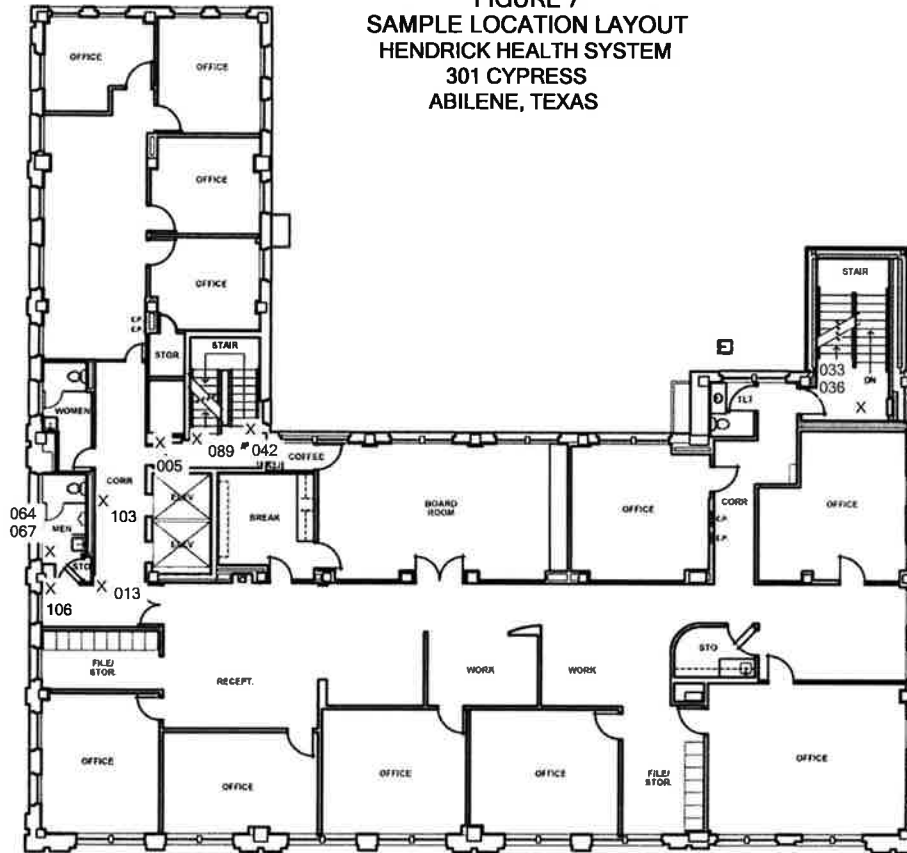
SIXTH FLOOR PLAN

SCALE : 1/16" = 1'-0"

LEGEND:

- X = SAMPLE LOCATION
- 001 = SAMPLE ID
- 001 = SAMPLE IDENTIFIED AS ACM

FIGURE 7
 SAMPLE LOCATION LAYOUT
 HENDRICK HEALTH SYSTEM
 301 CYPRESS
 ABILENE, TEXAS



SEVENTH FLOOR PLAN

SCALE : 1/16" = 1'-0"

LEGEND:

- X = SAMPLE LOCATION
- 001 = SAMPLE ID
- 001 = SAMPLE IDENTIFIED AS ACM

Appendix A - Terminology Abbreviations/Definitions

CWPChilled water pipe insulation (straight run)
 CWFChilled water fitting insulation
 CWSP.....Chilled water supply pipe insulation (straight run)
 CWSF.....Chilled water supply fitting insulation
 CWRP.....Chilled water return pipe insulation (straight run)
 CWRP.....Chilled water return fitting insulation
 HWPHeating water pipe insulation (straight run)
 HWFHeating water fitting insulation
 HWSP.....Heating water supply pipe insulation (straight run)
 HWSF.....Heating water supply fitting insulation
 HWRP.....Heating water return pipe insulation (straight run)
 HWRP.....Heating water return fitting insulation
 HCPHeating/chilled water pipe insulation (straight run)
 HCFHeating/chilled water fitting insulation
 HCSP.....Heating/chilled water supply pipe insulation (straight run)
 HCSF.....Heating/chilled water supply fitting insulation
 HCRP.....Heating/chilled water return pipe insulation (straight run)
 HCRP.....Heating/chilled water return fitting insulation
 SPSteam pipe insulation (straight run)
 SFSteam fitting insulation
 LPSP.....Low pressure steam pipe insulation (straight run)
 LPSP.....Low pressure steam fitting insulation
 HPSP.....High pressure steam pipe insulation (straight run)
 HPSP.....High pressure steam fitting insulation
 SCPSteam condensate pipe insulation (straight run)
 SCFSteam condensate fitting insulation
 DWPDomestic water pipe insulation (straight run)
 DWFDomestic water fitting insulation
 DCWP.....Domestic cold water pipe insulation (straight run)
 DCWF.....Domestic cold water fitting insulation
 DHWP.....Domestic hot water pipe insulation (straight run)
 DHWF.....Domestic hot water fitting insulation
 RDPRoof drain pipe insulation (straight run)
 RDFRoof drain fitting insulation
 MPMiscellaneous pipe insulation (straight run)
 MFMiscellaneous fitting insulation

M I S C E L L A N E O U S M A T E R I A L S

FRBK.....Fibrous backing material
 MSMastic (miscellaneous or unidentified source)
 SOIL.....Soil, dirt, fill
 ELEC.....Electrical components (fixture backing, breaker insulators)
 MISC.....Miscellaneous material (not fitting into other categories)

FPStructural fireproofing (sprayed-on, trowelled)
 APAcoustical plaster (sprayed or trowelled on plaster base)
 ATAcoustical texture (on gypsum board, concrete base, etc)
 HPHard finish plaster or stucco
 SATSuspended acoustical tiles (lay-in, concealed spline)
 AATAdhered acoustical tiles (ceilings, walls)
 ATMS.....Mastic on acoustical tiles
 DWDrywall construction
 DWGB.....Drywall gypsum wallboard
 DWTX.....Drywall texture (rolled or brushed)
 DWJC.....Drywall joint compound (tape and bed mud)
 PFBD.....Pre-formed fiberboard (Tectum, Celotex, Masonite)
 MTXMiscellaneous texture material (heavy coatings)
 CFBCement fiber board (roof, soffit, ceiling, wall panels)
 CFPCement fiber pipe (flues, pipes)
 RFTResilient floor tiles
 PTMS.....Mastic on resilient floor tiles
 RSFResilient sheet flooring
 SFMS.....Mastic on resilient sheet flooring
 RBResilient base, nosings, trim
 RBMS.....Mastic on resilient base, nosings, trim
 TBIThermal building insulation (sprayed-on, blown, batts, sheets)
 BURBuilt-up roofing (felts, mastic and gravel typical)
 RFLS.....Roof flashing (felts or mastic)
 RSHG.....Roof shingles
 DBDebris (on floor, equipment, fixture surfaces)
 FABFabric material (curtains, wall fabrics, etc)

M E C H A N I C A L E Q U I P M E N T

AHAir handler unit insulation
 AHMB.....Air handler main body insulation
 AHND.....Air handler end insulation
 AHFL.....Air handler flue insulation
 DTDuct insulation
 DTMS.....Mastic on duct insulation
 DTIS.....Duct vibration isolator (flexible connection)
 BLBoiler unit insulation
 BLMB.....Boiler main body insulation
 BLND.....Boiler end insulation
 BLFL.....Boiler flue insulation
 CHChiller unit insulation
 CHMB.....Chiller main body insulation
 CHND.....Chiller end insulation
 FLFlue insulation (unidentified source)
 FLMS.....Mastic on flue insulation
 HXHeat exchanger unit insulation
 HXMB.....Heat exchanger main body insulation
 HXND.....Heat exchanger end insulation
 STStorage tank unit insulation
 STMB.....Storage tank main body insulation
 STND.....Storage tank end insulation
 GSKT.....Gasket material

Appendix B - Survey Documentation
Laboratory Reports



PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

Sample Date : 08/20/2018

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Page 1 of 9

On 8/22/2018, one hundred seven (107) bulk material samples were submitted by Mark McHan of Enprotec / Hibbs & Todd, Inc. - Abilene for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
001	Drywall Gypsum Board and Wall Covering, 3rd Floor	None Detected - Drywall Material None Detected - Joint Compound None Detected - Wall Covering
002	Drywall Gypsum Board and Wall Covering, 2nd Floor	None Detected - Drywall Material None Detected - Wall Covering No Joint Compound
003	Drywall Gypsum Board and Wall Covering, 5th Floor	None Detected - Drywall Material None Detected - Joint Compound None Detected - Wall Covering
004	Drywall Gypsum Board and Wall Covering, 6th Floor	None Detected - Drywall Material None Detected - Joint Compound None Detected - Wall Covering
005	Drywall Gypsum Board and Wall Covering, 7th Floor	None Detected - Drywall Material None Detected - Wall Covering No Joint Compound
006	Drywall Gypsum Board and Wall Covering, 1st Floor	None Detected - Drywall Material None Detected - Wall Covering No Joint Compound
007	Drywall Gypsum Board and Wall Covering, 3rd Floor	None Detected - Drywall Material None Detected - Wall Covering No Joint Compound
008	Joint Compound, 3rd Floor	None Detected - Joint Compound
009	Joint Compound, 2nd Floor	None Detected - Joint Compound
010	Joint Compound, 4th Floor	None Detected - Joint Compound
011	Joint Compound, 5th Floor	None Detected - Joint Compound
012	Joint Compound, 6th Floor	None Detected - Joint Compound
013	Joint Compound, 7th Floor	None Detected - Joint Compound
014	Joint Compound, 1st Floor	None Detected - Joint Compound



PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

Sample Date : 08/20/2018

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 600 / R-93 / 116

Page 2 of 9

On 8/22/2018, one hundred seven (107) bulk material samples were submitted by Mark McHan of Enprotec / Hibbs & Todd, Inc. - Abilene for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
015	12" x 12" Resilient Floor Tile (Beige with Green Streaks), 3rd Floor	10% Chrysotile - Floor Tile 10% Chrysotile - Black Mastic
016	12" x 12" Resilient Floor Tile (Beige with Green Streaks), 3rd Floor	10% Chrysotile - Floor Tile 10% Chrysotile - Black Mastic
017	12" x 12" Resilient Floor Tile (Beige with Green Streaks), 3rd Floor	10% Chrysotile - Floor Tile 10% Chrysotile - Black Mastic
018	2' x 2' Suspended Acoustic Tile (Glacier), 3rd Floor	None Detected - Acoustic Tile
019	2' x 2' Suspended Acoustic Tile (Glacier), 2nd Floor	None Detected - Acoustic Tile
020	2' x 2' Suspended Acoustic Tile (Glacier), 4th Floor	None Detected - Acoustic Tile
021	1' x 1' Adhered Acoustic Tile and Mastic (Brown), 3rd Floor	None Detected - Acoustic Tile None Detected - Brown Mastic
022	1' x 1' Adhered Acoustic Tile and Mastic (Brown), 2nd Floor	None Detected - Acoustic Tile 2% Chrysotile - Brown Mastic
023	1' x 1' Adhered Acoustic Tile and Mastic (Brown), 4th Floor	None Detected - Acoustic Tile None Detected - Brown Mastic
024	1' x 1' Adhered Acoustic Tile and Mastic (Brown), 1st Floor	None Detected - Acoustic Tile None Detected - Brown Mastic
025	Carpet Mastic (Green), 3rd Floor	None Detected - Yellow Mastic None Detected - Green Mastic
026	Carpet Mastic (Green), 3rd Floor	None Detected - Green Mastic
027	Carpet Mastic (Green), 3rd Floor	None Detected - Green Mastic
028	Cove Base (Grey) and Mastic, 3rd Floor	None Detected - Cove Base None Detected - Yellow Mastic None Detected - Brown Mastic
029	Cove Base (Grey) and Mastic, 3rd Floor	None Detected - Cove Base None Detected - Yellow Mastic



PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

Sample Date : 08/20/2018

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Page 3 of 9

On 8/22/2018, one hundred seven (107) bulk material samples were submitted by Mark McHan of Enprotec / Hibbs & Todd, Inc. - Abilene for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
030	Cove Base (Grey) and Mastic, 3rd Floor	None Detected - Cove Base None Detected - Yellow Mastic None Detected - Brown Mastic
031	1" TPI, 3rd Floor	None Detected - Thermal Insulation None Detected - Paper / Foil Wrap
032	1" TPI, 5th Floor	None Detected - Thermal Insulation None Detected - Paper / Foil Wrap 10% Chrysotile - White Mastic
033	1" TPI, 7th Floor	None Detected - Thermal Insulation None Detected - Paper / Foil Wrap 10% Chrysotile - White Mastic
034	1" TPFI, 3rd Floor	None Detected - Thermal Insulation None Detected - Glass Fiber Mesh 10% Chrysotile - White Mastic
035	1" TPFI, 5th Floor	None Detected - Thermal Insulation None Detected - Glass Fiber Mesh 10% Chrysotile - White Mastic
036	1" TPFI, 7th Floor	None Detected - Thermal Insulation None Detected - Glass Fiber Mesh 10% Chrysotile - White Mastic
037	Plaster (Rough Texture), 3rd Floor	None Detected - Plaster
038	Plaster (Rough Texture), 2nd Floor	None Detected - Plaster
039	Plaster (Rough Texture), 4th Floor	None Detected - Plaster
040	Plaster (Rough Texture), 5th Floor	None Detected - Plaster
041	Plaster (Rough Texture), 6th Floor	None Detected - Plaster
042	Plaster (Rough Texture), 7th Floor	None Detected - Plaster
043	Plaster (Rough Texture), 1st Floor	None Detected - Plaster



PLM Summary Report

2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : Enprotec / Hibbs & Todd, Inc. - Abilene
Project : HHS, 301 Cypress
Project # : 5717
Identification : Asbestos, Bulk Sample Analysis
Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Lab Job No. : 18B-10838
Report Date : 08/24/2018
Sample Date : 08/20/2018

Page 4 of 9

On 8/22/2018, one hundred seven (107) bulk material samples were submitted by Mark McHan of Enprotec / Hibbs & Todd, Inc. - Abilene for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
044	Cove Base (Brown) and Mastic, 3rd Floor	None Detected - Cove Base None Detected - Brown Mastic
045	Cove Base (Brown) and Mastic, 2nd Floor	None Detected - Cove Base None Detected - Brown Mastic
046	Cove Base (Brown) and Mastic, 6th Floor	None Detected - Cove Base None Detected - Yellow Mastic
047	12" x 12" Resilient Floor Tile (White with Brown Streaks), 3rd Floor	None Detected - Green Mastic 5% Chrysotile - Floor Tile 10% Chrysotile - Black Mastic
048	12" x 12" Resilient Floor Tile (White with Brown Streaks), 4th Floor	None Detected - Yellow Mastic 3% Chrysotile - Floor Tile None Detected - Yellow Mastic
049	12" x 12" Resilient Floor Tile (White with Brown Streaks), 3rd Floor	None Detected - Blue Mastic None Detected - Yellow Mastic 3% Chrysotile - Floor Tile 5% Chrysotile - Black Mastic
050	4" TPI, 3rd Floor	None Detected - Thermal Insulation None Detected - Paper / Foil Wrap
051	4" TPI, 4th Floor	None Detected - Thermal Insulation None Detected - Paper / Foil Wrap 10% Chrysotile - White Mastic
052	4" TPI, 5th Floor	None Detected - Thermal Insulation None Detected - Paper / Foil Wrap 10% Chrysotile - White Mastic
053	4" TPFI (Soft), 3rd Floor	None Detected - Thermal Insulation None Detected - Glass Fiber Mesh 10% Chrysotile - White Mastic
054	4" TPFI (Hard), 4th Floor	None Detected - Thermal Insulation 10% Chrysotile - White Mastic



PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

Sample Date : 08/20/2018

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Page 5 of 9

On 8/22/2018, one hundred seven (107) bulk material samples were submitted by Mark McHan of Enprotec / Hibbs & Todd, Inc. - Abilene for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
055	4" TPFI (Soft), 5th Floor	None Detected - Thermal Insulation None Detected - Glass Fiber Mesh 10% Chrysotile - White Mastic
056	Concrete (Red), 3rd Floor	3% Chrysotile - Red Concrete 3% Chrysotile - Grey Concrete 5% Chrysotile - Black Mastic
057	Concrete (Red), 2nd Floor	3% Chrysotile - Concrete None Detected - Yellow Mastic
058	Concrete (Red), 4th Floor	None Detected - Concrete
059	Composite Sheet Flooring (Brown), 3rd Floor	5% Chrysotile - Black Mastic None Detected - Sheet Flooring None Detected - Fiber Backing None Detected - Yellow Mastic None Detected - Felt
060	Composite Sheet Flooring (Brown), 4th Floor	None Detected - Sheet Flooring None Detected - Fiber Backing None Detected - Yellow Mastic None Detected - Felt
061	Composite Sheet Flooring (Brown), 6th Floor	None Detected - Yellow Mastic None Detected - Sheet Flooring None Detected - Fiber Backing None Detected - Yellow Mastic None Detected - Felt
062	4" Ceramic Tile, Grout and Adhesive, 3rd Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Adhesive
063	4" Ceramic Tile, Grout and Adhesive, 2nd Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Adhesive
064	4" Ceramic Tile, Grout and Adhesive, 7th Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Adhesive



PLM Summary Report

2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : Enprotec / Hibbs & Todd, Inc. - Abilene
Project : HHS, 301 Cypress
Project # : 5717
Identification : Asbestos, Bulk Sample Analysis
Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Lab Job No. : 18B-10838
Report Date : 08/24/2018
Sample Date : 08/20/2018

Page 6 of 9

On 8/22/2018, one hundred seven (107) bulk material samples were submitted by Mark McHan of Enprotec / Hibbs & Todd, Inc. - Abilene for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
065	1" Ceramic Tile, Grout and Mortar, 3rd Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Mortar
066	1" Ceramic Tile, Grout and Mortar, 2nd Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Mortar
067	1" Ceramic Tile, Grout and Mortar, 7th Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Mortar
068	12" x 12" Resilient Floor Tile (Grey with White Streaks), 3rd Floor	5% Chrysotile - Floor Tile None Detected - Yellow Mastic
069	12" x 12" Resilient Floor Tile (Grey with White Streaks), 2nd Floor	5% Chrysotile - Floor Tile None Detected - Yellow Mastic
070	12" x 12" Resilient Floor Tile (Grey with White Streaks), 4th Floor	5% Chrysotile - Floor Tile No Mastic
071	Painted CMU, 3rd Floor	None Detected - CMU None Detected - Paint
072	Painted CMU, 2nd Floor	None Detected - CMU None Detected - Paint
073	Painted CMU, 4th Floor	None Detected - CMU None Detected - Texture None Detected - Paint
074	Plaster Crown Molding, 2nd Floor	None Detected - Plaster
075	Plaster Crown Molding, 2nd Floor	None Detected - White Plaster None Detected - Beige Plaster
076	Plaster Crown Molding, 2nd Floor	None Detected - Plaster
077	Carpet Mastic (Brown), 2nd Floor	None Detected - Yellow Mastic
078	Carpet Mastic (Brown), 2nd Floor	None Detected - Yellow Mastic



PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

Sample Date : 08/20/2018

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Page 7 of 9

On 8/22/2018, one hundred seven (107) bulk material samples were submitted by Mark McHan of Enprotec / Hibbs & Todd, Inc. - Abilene for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
079	Carpet Mastic (Brown), 2nd Floor	None Detected - Yellow Mastic
080	Concrete (Dark Brown), 2nd Floor	3% Chrysotile - Black Concrete 5% Chrysotile - Grey Concrete
081	Concrete (Dark Brown), 4th Floor	None Detected - Concrete
082	Concrete (Dark Brown), 5th Floor	None Detected - Concrete
083	Cove Base (Greenish Grey) and Mastic, 2nd Floor	None Detected - Cove Base None Detected - Clear Mastic None Detected - Brown Mastic None Detected - White Mastic
084	Cove Base (Greenish Grey) and Mastic, 2nd Floor	None Detected - Cove Base None Detected - Brown Mastic None Detected - White Mastic
085	Cove Base (Greenish Grey) and Mastic, 2nd Floor	None Detected - Cove Base None Detected - Clear Mastic None Detected - Brown Mastic None Detected - White Mastic
086	Plaster (White, Smooth), 2nd Floor	None Detected - Plaster
087	Plaster (White, Smooth), 5th Floor	None Detected - White Plaster None Detected - Beige Plaster
088	Plaster (White, Smooth), 6th Floor	None Detected - White Plaster None Detected - Beige Plaster
089	Plaster (White, Smooth), 7th Floor	None Detected - White Plaster None Detected - Beige Plaster
090	Plaster (White, Smooth), 2nd Floor	None Detected - White Plaster None Detected - Beige Plaster
091	Plaster (White, Smooth), 2nd Floor	None Detected - White Plaster
092	Plaster (White, Smooth), 2nd Floor	None Detected - White Plaster



PLM Summary Report

2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0

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Client : Enprotec / Hibbs & Todd, Inc. - Abilene
Project : HHS, 301 Cypress
Project # : 5717
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Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
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Lab Job No. : 18B-10838
Report Date : 08/24/2018
Sample Date : 08/20/2018

Page 8 of 9

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Sample Number	Client Sample Description / Location	Asbestos Content
093	Drywall Gypsum Board and Texture, 2nd Floor	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
094	Drywall Gypsum Board and Texture, 4th Floor	None Detected - Drywall Material None Detected - Texture / Joint Cmpd
095	Drywall Gypsum Board and Texture, 1st Floor	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
096	Cove Base (Blue) and Mastic, 5th Floor	None Detected - Cove Base None Detected - Yellow Mastic None Detected - Brown Mastic
097	Cove Base (Blue) and Mastic, 6th Floor	None Detected - Cove Base None Detected - Yellow Mastic None Detected - Brown Mastic
098	Cove Base (Blue) and Mastic, 5th Floor	None Detected - Cove Base None Detected - Yellow Mastic
099	2' x 2' Suspended Acoustic Tile (Pinholes), 5th Floor	None Detected - Acoustic Tile
100	2' x 2' Suspended Acoustic Tile (Pinholes), 6th Floor	None Detected - Acoustic Tile
101	2' x 2' Suspended Acoustic Tile (Pinholes), 5th Floor	None Detected - Acoustic Tile
102	Acoustic Texture, 6th Floor Foyer	None Detected - Acoustic Texture
103	Acoustic Texture, 7th Floor Foyer	None Detected - Acoustic Texture
104	Acoustic Texture, 5th Floor	None Detected - Acoustic Texture
105	Carpet Mastic (Yellow), 6th Floor Foyer	None Detected - Yellow Mastic
106	Carpet Mastic (Yellow), 7th Floor Foyer	None Detected - Yellow Mastic
107	Carpet Mastic (Yellow), 1st Floor Hall	None Detected - Yellow Mastic



PLM Summary Report

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Lab Job No. : 18B-10838

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Report Date : 08/24/2018

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Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

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Sample Number	Client Sample Description / Location	Asbestos Content

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. The test report shall not be reproduced, except in full, without written approval of the laboratory. The results relate only to the items tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056-0.



Analyst(s): Daniel Farley

Lab Manager : Heather Lopez

Approved Signatory : _____

Lab Director : Bruce Crabb

Approved Signatory : _____

Thank you for choosing Moody Labs

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Moody Labs

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report

Supplement to PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Project : HHS, 301 Cypress

Project # : 5717

Lab Job No. : 18B-10838

Report Date : 08/24/2018

Page 1 of 15

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
001	Drywall Material (Light Pink)	35%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	20%	Cellulose Fibers	100%		
	Joint Compound (White)	35%	Calcite / Talc / Binders	100%		
	Wall Covering (White)	10%	Synthetic Fibers	15%		
			Cotton Fibers	15%		
			Vinyl Binders	70%		
002	Drywall Material (Light Pink)	55%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	20%	Cellulose Fibers	100%		
	Wall Covering (Red)	25%	Synthetic Fibers	15%		
			Cotton Fibers	15%		
			Vinyl Binders	70%		
			No Joint Compound			
003	Drywall Material (Light Pink)	35%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	20%	Cellulose Fibers	100%		
	Joint Compound (White)	25%	Calcite / Talc / Binders	100%		
	Wall Covering (White)	20%	Synthetic Fibers	15%		
			Cotton Fibers	15%		
			Vinyl Binders	70%		

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
004	Drywall Material (Light Pink)	50%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	20%	Cellulose Fibers	100%		
	Joint Compound (White)	10%	Calcite / Talc / Binders	100%		
	Wall Covering (White)	20%	Synthetic Fibers	15%		
			Cotton Fibers	15%		
			Vinyl Binders	70%		
005	Drywall Material (Light Pink)	60%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	10%	Cellulose Fibers	100%		
	Wall Covering (White)	30%	Synthetic Fibers	15%		
			Cotton Fibers	15%		
			Vinyl Binders	70%		
			No Joint Compound			
006	Drywall Material (Off-White)	60%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	10%	Cellulose Fibers	100%		
	Wall Covering (White)	30%	Synthetic Fibers	15%		
			Cotton Fibers	15%		
			Vinyl Binders	70%		
			No Joint Compound			

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007	Drywall Material (Light Pink)	60%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	10%	Cellulose Fibers	100%		
	Wall Covering (White)	30%	Synthetic Fibers	15%		
			Cotton Fibers	15%		
			Vinyl Binders	70%		
	No Joint Compound					
008	Joint Compound (White)	100%	Calcite / Talc / Binders	100%	08/23	DF
009	Joint Compound (White)	65%	Calcite / Talc / Binders	100%	08/23	DF
	DW Tape (White)	35%	Cellulose Fibers	100%		
010	Joint Compound (White)	100%	Calcite / Talc / Binders	100%	08/23	DF
011	Joint Compound (White)	100%	Calcite / Talc / Binders	100%	08/23	DF
012	Drywall Material (Light Pink)	35%	Glass Wool Fibers	2%	08/23	DF
			Gypsum / Binders	98%		
	DW Paper / Tape (Tan / White)	15%	Cellulose Fibers	100%		
	Joint Compound (White)	50%	Calcite / Talc / Binders	100%		
013	Joint Compound (White)	50%	Calcite / Talc / Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	10%	Glue Binders	100%		
	Brown Mastic (Brown)	40%	Glue Binders	100%		
014	Joint Compound (White)	100%	Calcite / Talc / Binders	100%	08/23	DF
015	Floor Tile (Light Tan)	95%	Chrysotile	10%	08/23	DF
			Calcite / Vinyl Binders	90%		
	Black Mastic (Black)	5%	Chrysotile	10%		
			Tar Binders	90%		
016	Floor Tile (Light Tan)	95%	Chrysotile	10%	08/23	DF
			Calcite / Vinyl Binders	90%		
	Black Mastic (Black)	5%	Chrysotile	10%		
			Tar Binders	90%		

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017	Floor Tile (Light Tan)	95%	Chrysotile	10%	08/23	DF
			Calcite / Vinyl Binders	90%		
	Black Mastic (Black)	5%	Chrysotile	10%		
			Tar Binders	90%		
018	Acoustic Tile (Off-White)	100%	Mineral Wool Fibers	95%	08/23	DF
			Binders / Fillers	5%		
019	Acoustic Tile (Off-White)	100%	Mineral Wool Fibers	95%	08/23	DF
			Binders / Fillers	5%		
020	Acoustic Tile (Off-White)	100%	Mineral Wool Fibers	95%	08/23	DF
			Binders / Fillers	5%		
021	Acoustic Tile (Tan)	80%	Wood Fibers	100%	08/23	DF
	Brown Mastic (Brown)	20%	Glue Binders	100%		
022	Acoustic Tile (Tan)	80%	Wood Fibers	100%	08/23	DF
	Brown Mastic (Brown)	20%	Chrysotile	2%		
			Glue Binders	98%		
023	Acoustic Tile (Tan)	80%	Wood Fibers	100%	08/23	DF
	Brown Mastic (Brown)	20%	Glue Binders	100%		
024	Acoustic Tile (Tan)	80%	Wood Fibers	100%	08/23	DF
	Brown Mastic (Brown)	20%	Glue Binders	100%		
025	Yellow Mastic (Yellow)	15%	Glue Binders	100%	08/23	DF
	Green Mastic (Green)	85%	Glue Binders	100%		
026	Green Mastic (Green)	100%	Glue Binders	100%	08/23	DF
027	Green Mastic (Green)	100%	Glue Binders	100%	08/23	DF
028	Cove Base (Grey)	97%	Calcite / Vinyl Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
	Brown Mastic (Brown)	<1%	Glue Binders	100%		
029	Cove Base (Grey)	95%	Calcite / Vinyl Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	5%	Glue Binders	100%		

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030	Cove Base (Grey)	96%	Calcite / Vinyl Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	2%	Glue Binders	100%		
	Brown Mastic (Brown)	2%	Glue Binders	100%		
031	Thermal Insulation (Yellow)	95%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Paper / Foil Wrap (Tan / Silver)	5%	Cellulose Fibers	60%		
			Glass Wool Fibers	20%		
			Metal Foil	20%		
032	Thermal Insulation (Yellow)	80%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Paper / Foil Wrap (Tan / Silver)	15%	Cellulose Fibers	60%		
			Glass Wool Fibers	20%		
			Metal Foil	20%		
	White Mastic (White)	5%	Chrysotile	10%		
		Binders / Fillers	90%			
033	Thermal Insulation (Yellow)	80%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Paper / Foil Wrap (Tan / Silver)	15%	Cellulose Fibers	60%		
			Glass Wool Fibers	20%		
			Metal Foil	20%		
	White Mastic (White)	5%	Chrysotile	10%		
		Binders / Fillers	90%			
034	Thermal Insulation (Yellow)	60%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Glass Fiber Mesh (White)	35%	Glass Wool Fibers	100%		
	White Mastic (White)	5%	Chrysotile	10%		
		Binders / Fillers	90%			

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035	Thermal Insulation (Yellow)	60%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Glass Fiber Mesh (White)	35%	Glass Wool Fibers	100%		
	White Mastic (White)	5%	Chrysotile	10%		
			Binders / Fillers	90%		
036	Thermal Insulation (Yellow)	40%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Glass Fiber Mesh (White)	55%	Glass Wool Fibers	100%		
	White Mastic (White)	5%	Chrysotile	10%		
			Binders / Fillers	90%		
037	Plaster (Beige)	100%	Aggregate	65%	08/23	DF
			Calcite / Binders	35%		
038	Plaster (Beige)	100%	Aggregate	65%	08/23	DF
			Calcite / Binders	35%		
039	Plaster (Beige)	100%	Aggregate	65%	08/23	DF
			Calcite / Binders	35%		
040	Plaster (Beige)	100%	Aggregate	65%	08/23	DF
			Calcite / Binders	35%		
041	Plaster (Beige)	100%	Aggregate	65%	08/23	DF
			Calcite / Binders	35%		
042	Plaster (Beige)	100%	Aggregate	65%	08/23	DF
			Calcite / Binders	35%		
043	Plaster (Beige)	100%	Aggregate	65%	08/23	DF
			Calcite / Binders	35%		
044	Cove Base (Blue)	95%	Calcite / Vinyl Binders	100%	08/23	DF
	Brown Mastic (Brown)	5%	Glue Binders	100%		
045	Cove Base (Brown)	95%	Calcite / Vinyl Binders	100%	08/23	DF
	Brown Mastic (Brown)	5%	Glue Binders	100%		

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046	Cove Base (Black)	98%	Calcite / Vinyl Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	2%	Calcite	40%		
			Glue Binders	60%		
047	Green Mastic (Green)	4%	Glue Binders	100%	08/23	DF
	Floor Tile (Light Tan)	91%	Chrysotile	5%		
			Calcite / Vinyl Binders	95%		
	Black Mastic (Black)	5%	Chrysotile	10%		
			Tar Binders	90%		
048	Yellow Mastic (Yellow)	4%	Glue Binders	100%	08/23	DF
	Floor Tile (Light Tan)	94%	Chrysotile	3%		
			Calcite / Vinyl Binders	97%		
	Yellow Mastic (Yellow)	2%	Glue Binders	100%		
049	Blue Mastic (Blue)	3%	Quartz	5%	08/23	DF
			Glue Binders	95%		
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
	Floor Tile (Light Tan)	93%	Chrysotile	3%		
			Calcite / Vinyl Binders	97%		
	Black Mastic (Black)	1%	Chrysotile	5%		
			Tar Binders	95%		
050	Thermal Insulation (Yellow)	40%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Paper / Foil Wrap (White / Silver)	60%	Cellulose Fibers	60%		
			Glass Wool Fibers	20%		
			Metal Foil	20%		

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051	Thermal Insulation (Yellow)	55%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Paper / Foil Wrap (White / Silver)	40%	Cellulose Fibers	60%		
			Glass Wool Fibers	20%		
			Metal Foil	20%		
	White Mastic (Off-White)	5%	Chrysotile	10%		
			Binders / Fillers	90%		
052	Thermal Insulation (Yellow)	55%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Paper / Foil Wrap (White / Silver)	40%	Cellulose Fibers	60%		
			Glass Wool Fibers	20%		
			Metal Foil	20%		
	White Mastic (Off-White)	5%	Chrysotile	10%		
			Binders / Fillers	90%		
053	Thermal Insulation (Yellow)	55%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Glass Fiber Mesh (White)	40%	Glass Wool Fibers	100%		
			White Mastic (Off-White)	5%		
			Binders / Fillers	90%		
054	Thermal Insulation (Light Grey)	70%	Cellulose Fibers	15%	08/23	DF
			Glass Wool Fibers	5%		
			Binders / Fillers	80%		
	White Mastic (Off-White)	30%	Chrysotile	10%		
			Binders / Fillers	90%		
055	Thermal Insulation (Yellow)	55%	Mineral Wool Fibers	95%	08/23	DF
			Resin Binders	5%		
	Glass Fiber Mesh (White)	40%	Glass Wool Fibers	100%		
			White Mastic (Off-White)	5%		
			Binders / Fillers	90%		

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
056	Red Concrete (Red)	35%	Chrysotile	3%	08/23	DF
			Aggregate	62%		
			Cement Binders	35%		
	Grey Concrete (Grey)	62%	Chrysotile	3%		
			Aggregate	62%		
			Cement Binders	35%		
	Black Mastic (Black)	3%	Chrysotile	5%		
			Tar Binders	95%		
057	Concrete (Red)	97%	Chrysotile	3%	08/23	DF
			Aggregate	62%		
			Cement Binders	35%		
	Yellow Mastic (Yellow)	3%	Calcite	20%		
			Glue Binders	80%		
058	Concrete (Red)	100%	Cellulose Fibers	3%	08/23	DF
			Aggregate	62%		
			Cement Binders	35%		
059	Black Mastic (Black)	1%	Chrysotile	5%	08/23	DF
			Tar Binders	95%		
	Sheet Flooring (Brown)	89%	Cellulose Fibers	15%		
			Calcite / Vinyl Binders	85%		
	Fiber Backing (Tan)	4%	Jute Fibers	100%		
	Yellow Mastic (Yellow)	1%	Glue Binders	100%		
	Felt (Grey)	5%	Cellulose Fibers	100%		
060	Sheet Flooring (Brown)	89%	Cellulose Fibers	15%	08/23	DF
			Calcite / Vinyl Binders	85%		
	Fiber Backing (Tan)	4%	Jute Fibers	100%		
	Yellow Mastic (Yellow)	2%	Glue Binders	100%		
	Felt (Black)	5%	Cellulose Fibers	85%		
			Tar Binders	15%		

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061	Yellow Mastic (Yellow)	3%	Glue Binders	100%	08/23	DF
	Sheet Flooring (Brown)	87%	Cellulose Fibers	15%		
			Calcite / Vinyl Binders	85%		
	Fiber Backing (Tan)	4%	Jute Fibers	100%		
	Yellow Mastic (Yellow)	1%	Glue Binders	100%		
	Felt (Grey)	5%	Cellulose Fibers	100%		
062	Ceramic Tile (White)	96%	Sintered Clays	100%	08/23	DF
	Grout (White)	2%	Calcite / Binders	100%		
	Adhesive (Yellow)	2%	Glue Binders	100%		
063	Ceramic Tile (White)	96%	Sintered Clays	100%	08/23	DF
	Grout (White)	2%	Calcite / Binders	100%		
	Adhesive (Yellow)	2%	Glue Binders	100%		
064	Ceramic Tile (White)	97%	Sintered Clays	100%	08/23	DF
	Grout (White)	2%	Calcite / Binders	100%		
	Adhesive (Yellow)	1%	Glue Binders	100%		
065	Ceramic Tile (White)	80%	Sintered Clays	100%	08/23	DF
	Grout (Grey)	10%	Aggregate	65%		
			Cement Binders	35%		
	Mortar (Grey)	10%	Aggregate	65%		
			Cement Binders	35%		
066	Ceramic Tile (White)	80%	Sintered Clays	100%	08/23	DF
	Grout (Grey)	10%	Aggregate	65%		
			Cement Binders	35%		
	Mortar (Grey)	10%	Aggregate	65%		
			Cement Binders	35%		
067	Ceramic Tile (White)	85%	Sintered Clays	100%	08/23	DF
	Grout (Grey)	5%	Aggregate	65%		
			Cement Binders	35%		
	Mortar (Grey)	10%	Aggregate	65%		
			Cement Binders	35%		

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068	Floor Tile (Grey)	97%	Chrysotile	5%	08/23	DF
			Calcite / Vinyl Binders	95%		
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
069	Floor Tile (Grey)	99%	Chrysotile	5%	08/23	DF
			Calcite / Vinyl Binders	95%		
	Yellow Mastic (Yellow)	1%	Glue Binders	100%		
070	Floor Tile (Grey)	100%	Chrysotile	5%	08/23	DF
			Calcite / Vinyl Binders	95%		
	No Mastic					
071	CMU (Grey)	98%	Aggregate	65%	08/23	DF
			Cement Binders	35%		
	Paint (Off-White)	2%	Pigment / Binders	100%		
072	CMU (Grey)	98%	Aggregate	65%	08/23	DF
			Cement Binders	35%		
	Paint (Off-White)	2%	Pigment / Binders	100%		
073	CMU (Grey)	97%	Aggregate	65%	08/23	DF
			Cement Binders	35%		
	Texture (White)	2%	Calcite / Talc / Binders	100%		
	Paint (Off-White)	1%	Pigment / Binders	100%		
074	Plaster (White)	100%	Calcite / Binders	100%	08/23	DF
075	White Plaster (White)	85%	Calcite / Binders	100%	08/23	DF
	Beige Plaster (Beige)	15%	Aggregate	65%		
			Calcite / Binders	35%		
076	Plaster (White)	100%	Calcite / Binders	100%	08/23	DF
077	Yellow Mastic (Yellow)	100%	Glue Binders	100%	08/23	DF
078	Yellow Mastic (Yellow)	100%	Glue Binders	100%	08/23	DF
079	Yellow Mastic (Yellow)	100%	Glue Binders	100%	08/23	DF

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080	Black Concrete (Black)	80%	Chrysotile	3%	08/23	DF
			Aggregate	62%		
			Cement Binders	35%		
	Grey Concrete (Grey)	20%	Chrysotile	5%		
			Aggregate	60%		
			Cement Binders	35%		
081	Concrete (Black)	100%	Cellulose Fibers	3%	08/23	DF
			Aggregate	62%		
			Cement Binders	35%		
082	Concrete (Black)	100%	Cellulose Fibers	3%	08/23	DF
			Aggregate	62%		
			Cement Binders	35%		
083	Cove Base (Grey)	96%	Calcite / Vinyl Binders	100%	08/23	DF
	Clear Mastic (Clear)	1%	Glue Binders	100%		
	Brown Mastic (Brown)	1%	Glue Binders	100%		
	White Mastic (White)	2%	Calcite	50%		
			Binders / Fillers	50%		
084	Cove Base (Grey)	96%	Calcite / Vinyl Binders	100%	08/23	DF
	Brown Mastic (Brown)	2%	Glue Binders	100%		
	White Mastic (White)	2%	Calcite	50%		
			Binders / Fillers	50%		
085	Cove Base (Grey)	95%	Calcite / Vinyl Binders	100%	08/23	DF
	Clear Mastic (Clear)	1%	Glue Binders	100%		
	Brown Mastic (Brown)	2%	Glue Binders	100%		
	White Mastic (White)	2%	Calcite	50%		
			Binders / Fillers	50%		
086	Plaster (White)	100%	Calcite / Binders	100%	08/23	DF

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2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report**Supplement to PLM Summary Report**

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

Page 13 of 15

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
087	White Plaster (White)	85%	Calcite / Binders	100%	08/23	DF
	Beige Plaster (Beige)	15%	Aggregate	65%		
			Calcite / Binders	35%		
088	White Plaster (White)	97%	Calcite / Binders	100%	08/23	DF
	Beige Plaster (Beige)	3%	Aggregate	65%		
			Calcite / Binders	35%		
089	White Plaster (White)	15%	Calcite / Binders	100%	08/23	DF
	Beige Plaster (Beige)	85%	Aggregate	65%		
			Calcite / Binders	35%		
090	White Plaster (White)	98%	Calcite / Binders	100%	08/23	DF
	Beige Plaster (Beige)	2%	Aggregate	65%		
			Calcite / Binders	35%		
091	White Plaster (White)	100%	Calcite / Binders	100%	08/23	DF
092	White Plaster (White)	100%	Calcite / Binders	100%	08/23	DF
093	Drywall Material (Light Pink)	40%	Cellulose Fibers	5%	08/23	DF
			Gypsum / Binders	95%		
	DW Paper / Tape (Tan / White)	15%	Cellulose Fibers	100%		
	Joint Compound (White)	25%	Calcite / Talc / Binders	100%		
	Texture (White)	20%	Calcite / Talc / Binders	100%		
094	Drywall Material (Off-White)	25%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper Facing (Tan)	15%	Cellulose Fibers	100%		
	Texture / Joint Cmpd (White)	60%	Calcite / Talc / Binders	100%		

Moody Labs

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
Supplement to PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
095	Drywall Material (Light Pink)	65%	Glass Wool Fibers	2%	08/23	DF
			Mica	1%		
			Gypsum / Binders	97%		
	DW Paper / Tape (Tan / White)	15%	Cellulose Fibers	100%		
	Joint Compound (White)	10%	Calcite / Talc / Binders	100%		
	Texture (White)	10%	Calcite / Talc / Binders	100%		
096	Cove Base (Blue)	92%	Calcite / Vinyl Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	4%	Calcite	40%		
			Glue Binders	60%		
	Brown Mastic (Brown)	4%	Glue Binders	100%		
097	Cove Base (Grey)	10%	Calcite / Vinyl Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	45%	Calcite	40%		
			Glue Binders	60%		
	Brown Mastic (Brown)	45%	Glue Binders	100%		
098	Cove Base (Blue)	98%	Calcite / Vinyl Binders	100%	08/23	DF
	Yellow Mastic (Yellow)	2%	Glue Binders	100%		
099	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	70%	08/23	DF
			Mineral Wool Fibers	5%		
			Perlite	25%		
100	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	70%	08/23	DF
			Mineral Wool Fibers	5%		
			Perlite	25%		
101	Acoustic Tile (Light Grey)	100%	Cellulose Fibers	70%	08/23	DF
			Mineral Wool Fibers	5%		
			Perlite	25%		
102	Acoustic Texture (White)	100%	Synthetic Foam	30%	08/23	DF
			Calcite / Talc / Binders	70%		
103	Acoustic Texture (White)	100%	Synthetic Foam	30%	08/24	DF
			Calcite / Talc / Binders	70%		

Moody Labs

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
Supplement to PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 30-0084

Client : Enprotec / Hibbs & Todd, Inc. - Abilene

Lab Job No. : 18B-10838

Project : HHS, 301 Cypress

Report Date : 08/24/2018

Project # : 5717

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
104	Acoustic Texture (White)	100%	Synthetic Foam Calcite / Talc / Binders	30% 70%	08/24	DF
105	Yellow Mastic (Yellow)	100%	Glue Binders	100%	08/24	DF
106	Yellow Mastic (Yellow)	100%	Glue Binders	100%	08/24	DF
107	Yellow Mastic (Yellow)	100%	Glue Binders	100%	08/24	DF



Chain of Custody

Lab Job #
Lab Job # 108-10838 PUM107
Lab Job #

Please call in advance for immediate, after-hour, & weekend pricing & availability.

Page 1 of 4

ASBESTOS PLM

Bulk ☐ Immediate ☐ 1 day ☒ 2 day ☐ 3 day ☐ 5 day
☒ Analyze All ☐ Positive Stop

PCM Air (7400)

☐ Immediate ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day
Analyze Blanks ☐ Yes ☐ No

TOTAL DUST(0500/0600)

☐ 1 day ☐ 2 day

ASBESTOS TEM

Air AHERA Method ☐ Late Night* ☐ 6 hr ☐ 12 hr ☐ 24 hr
Air 7402 (Modified) ☐ 1 day ☐ 2 day ☐ 3 day
Bulk ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day
Water/Wipe/Micro Vac ☐ 1 day ☐ 2 day ☐ 3 day
Analyze Blanks ☐ Yes ☐ No

*Late night analysis surcharges apply

MOLD

Direct Exam ☐ Immed ☐ 1 day ☐ 2 day ☐ 5 day
Standard Air ☐ Immed ☐ 1 day ☐ 2 day ☐ 5 day
Expanded Air ☐ Immed ☐ 1 day ☐ 2 day ☐ 5 day
Culture** ☐ 10-14 days
Analyze Blanks ☐ Yes ☐ No

Turnaround of Culture Samples subject to Culture Growth

BACTERIA**

Colony Counts (CC) ☐ 3 day ☐ 5 day
CC + Gram Stain ☐ 3 day ☐ 5 day
Coliform & E. coli (P/A) ☐ 2-3 day
Legionella ☐ 14 days

OTHER:

Billing Company / City: ENPROTEC / HIBBS & TODD, INC. / ABILENE

Submitter's Company: ENPROTEC / HIBBS & TODD, INC.

Submitter's Name: MARK MCHAN

Project: HHS, 301 Cypress

Contact Information: Name: MARK MCHAN

E-mail Results to: mark.mchan@e-ht.com

Invoice Address: 402 CEDAR, ABILENE, TEXAS 79601

of Samples: 107

Sample Date: 8-20-18

Project #: 5717

Phone #: 325.698.5560

Mobile #: 325.665.7112

Fax #: 325.690.3240

P.O. #: 3097

Please review paperwork and samples before submitting to lab. Unsealed / Improperly packaged / damaged / expired samples or excessive administrative requests may incur additional fees

Notes:

Sample #	Sample Description	Vol. / Area (if applicable)	Location / Notes
001	DNBB: Hull Corer		3rd Floor
002			2nd Floor
003			5th Floor
004			6th Floor
005			7th Floor
006			1st Floor
007			3rd Floor
008	Joint Compound		3rd Floor
009			2nd Floor
010			4th Floor
011			5th Floor
012			6th Floor
013			7th Floor
014			1st Floor
015	12x12" Baya with Green Strakes RFT		3rd Floor

Released By: [Signature] Date / Time: 8-21-18 1:00 Received By: [Signature] Date / Time: 8/22/18 9:00

Project: 1143, 301 Cypress

Page 2 of 4
 Project #: 5717

Sample #	Sample Description	Vol. / Area (if applicable)	Location / Notes
016	12"x12" Beige with Green Strands RFT		3rd Floor
017	↓		↓
018	2'x2' SAT (Green)		3rd Floor
019	↓		2nd Floor
020	↓		4th Floor
021	1'x1' AAT & Brown Mastic		3rd Floor
022	↓		2nd Floor
023	↓		4th Floor
024	↓		1st Floor
025	Carpet Mastic (Green)		3rd Floor
026	↓		↓
027	↓		↓
028	Grey Cove Base & Mastic		3rd Floor
029	↓		↓
030	↓		↓
031	TPI, 1"		3rd Floor
032	↓		5th Floor
033	↓		7th Floor
034	TPI, 1"		3rd Floor
035	↓		5th Floor
036	↓		7th Floor
037	Plaster (Rough Texture)		3rd Floor
038	↓		2nd Floor
039	↓		4th Floor
040	↓		5th Floor
041	↓		6th Floor
042	↓		7th Floor
043	↓		1st Floor
044	Brown Cove Base & Mastic		3rd Floor
045	↓		2nd Floor
046	↓		6th Floor



Chain of Custody

Lab Job #

Lab Job #

Lab Job #

18B-10838

Project: 1714, 301 Cypress

Page 3 of 4
Project #: 5717

Sample #	Sample Description	Vol. / Area (if applicable)	Location / Notes
047	12"x12" White with Brown Streaks RFT		3rd Floor
048	↓		4th Floor
049	↓		3rd Floor
050	TPF, 4"		3rd Floor
051	↓		4th Floor
052	↓		5th Floor
053	TPFI, 4", Soft		3rd Floor
054	↓, Hard		4th Floor
055	↓, Soft		5th Floor
056	Red Concrete		3rd Floor
057	↓		2nd Floor
058	↓		4th Floor
059	Brown Composite Sheet Flooring		3rd Floor
060	↓		4th Floor
061	↓		6th Floor
062	4" Ceramic Tile, Grout, Adhesive		3rd Floor
063	↓		2nd Floor
064	↓		7th Floor
065	1" Ceramic Tile, Grout, Mortar		3rd Floor
066	↓		2nd Floor
067	↓		7th Floor
068	12"x12" Gray with White Streaks RFT		3rd Floor
069	↓		2nd Floor
070	↓		4th Floor
071	Painted CMU		3rd Floor
072	↓		2nd Floor
073	↓		4th Floor
074	Plaster Crown Molding		2nd Floor
075	↓		↓
076	↓		↓
077	Carpet Mastic (Brown)		2nd Floor
078	↓		↓



Lab Job #

Lab Job #

Lab Job #

18B-10838Project: 1115, 301 CypressProject #: 5717

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
079	Carpet Mastic (Brown)		2nd Floor
080	Dark Brown Concrete		2nd Floor
081	↓		4th Floor
082	↓		5th Floor
083	Greenish Grey Cove Base : Mastic		2nd Floor
084	↓		↓
085	↓		↓
086	Plaster (white, smooth)		2nd Floor
087	↓		5th Floor
088	↓		6th Floor
089	↓		7th Floor
090	↓		2nd Floor
091	↓		↓
092	↓		↓
093	DWGB : Texture		2nd Floor
094	↓		4th Floor
095	↓		1st Floor
096	Blue Cove Base : Mastic		5th Floor
097	↓		6th Floor
098	↓		5th Floor
099	2'x2' SAT (Pin holes)		5th Floor
100	↓		6th Floor
101	↓		5th Floor
102	Acoustic Texture		6th Floor Foyer
103	↓		7th Floor Foyer
104	↓		5th Floor
105	Carpet Mastic (Yellow)		6th Floor Foyer
106	↓		7th Floor Foyer
107	↓		1st Floor Hall
108			
109			

Appendix C - License Documentation
Inspector's License Documents
Laboratory's License Documents



Texas Department of State Health Services

Asbestos Individual Consultant

MARK MCHAN

License No. 105642

Control No. 97407

Expiration Date: 7/18/2020





TEXAS DEPARTMENT OF STATE HEALTH SERVICES

STEVE MOODY MICRO SERVICES LLC

is certified to perform as a

**Asbestos Laboratory
PCM, PLM, TEM**

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

A handwritten signature in black ink, appearing to read "John Hellerstedt".

*John Hellerstedt, M.D.
Commissioner of Health*

License Number: 300084

Control Number: 96287

Expiration Date: 5/31/2020

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

APPENDIX III

LICENSES AND CERTIFICATIONS



Texas Department of State Health Services

PHASE ENGINEERING INC

is certified to perform as an

Asbestos Consultant Agency

in the State of Texas and is hereby governed by the rights, privileges and responsibilities set forth in Texas Occupations Code, Chapter 1954 and Title 12, Texas Administrative Code, Chapter 295 relating to Texas Asbestos Health Protection, as long as this license is not suspended or revoked.



License Number: 100224

Expiration Date: 12/26/2025

Control Number: 97616


Jennifer Shuford, MD, MPH,
Commissioner of Health

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

SEE BACK



TEXAS
Health and Human
Services

Texas Department of State
Health Services

Asbestos Individual Consultant

MATTHEW T WHITE

License Number: 105849

Control Number: 98494

Expiration Date: 27-Dec-2026





Texas Department of State Health Services

Asbestos Inspector

ROSS I DOCTOROFF

License No. **602189**

Control No. **100840**

Expiration Date: **6-Apr-2026**





Texas Department of State Health Services

MICRO ANALYTICAL SERVICES INC

is certified to perform as an

Asbestos Laboratory

PCM, PLM

in the State of Texas and is hereby governed by the rights, privileges and responsibilities set forth in Texas Occupations Code, Chapter 1954 and Title 12, Texas Administrative Code, Chapter 295 relating to Texas Asbestos Health Protection, as long as this license is not suspended or revoked.

License Number: 300341

Expiration Date: 01/25/2026


Jennifer Shuford, MD, MPH,
Commissioner of Health

Control Number: 96774

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

SEE BACK

APPENDIX IV

AGREEMENT FOR SERVICES

AGREEMENT FOR PROFESSIONAL ENVIRONMENTAL CONSULTING SERVICES

Section 1 – General Terms and Conditions

1.1 Definitions

“Agreement” means this Agreement for Professional Environmental Consulting Services.

“Party” (or collectively, “Parties”) means Phase and Client, unless expressly stated otherwise in this Agreement.

“Phase” means Phase Engineering, LLC

“Engagement Letter” the instrument delivered by Phase to the Parties

“Services” has the meaning set forth in Section 1.2 below.

Any capitalized terms not otherwise defined in this Agreement have the meanings given to them under the Engagement Letter.

1.2 Services

The professional environmental consulting services to be provided by Phase for the Client are set forth in the Engagement Letter, and such services, including subsequent services, changed, altered or additional services are hereinafter called the “Services”.

1.3 Standard of Care

Phase shall perform the services under this agreement with that degree of care, skill and diligence generally accepted as typical of the industry in the performance of such services as contemplated by the Agreement at the time and location such services are rendered. Phase shall employ only competent staff and sub-contractors who will be under the supervision of a senior member of Phase's staff.

1.4 Rights of Entry, Site Information and Utilities

The Client shall provide right of entry for Phase and its subcontractors to carry out the Services, unless specified otherwise in the Engagement Letter. The Client warrants that it has furnished to Phase all information known to, or in possession or control of, the Client relating to the past and existing conditions of the site, including but not limited to soil and geologic data, contaminants, wastes, petroleum products, controlled substances, hazardous materials, and subsurface utilities. The Client shall extend use and reliance of this information to Phase, unless stated otherwise and to the extent permitted by law. Such information shall be and remain confidential as between the Client and Phase and Phase shall not disclose same to any third party unless required by law.

1.5 Safety

1.5.1 Phase maintains a General Health and Safety Plan, a copy of which will be provided to the Client on written request and will fall under Section 1.8 Subsequent Changes of this Agreement unless this service is included in the Engagement Letter.

1.5.2 Phase shall take every precaution reasonable in the circumstances for the protection of the workers providing any of the Services.

When required and prior to any field work being carried out, Phase shall provide the Client with a comprehensive site-specific safety plan for providing the Services. Such request must be made in writing by the Client prior to commencement of the Services by Phase and will fall under Section 1.9 Subsequent Changes of this Agreement unless included in the Engagement Letter.

1.6 Investigations and Reports

1.6.1 Findings: The findings of any investigation undertaken as part of the Services will be based upon information generated as a result of the specific scope of the Services as described in the Engagement Letter.

1.6.2 Restoration: The Client accepts that in the normal course of the Services some damage to existing ground or other surface finishes may occur, the restoration of which shall be the responsibility of the client or as specified in the Engagement Letter.

1.6.3 Investigations: The parties acknowledge and accept that unique risks exist whenever engineering or related disciplines are applied to identify environmental conditions and even a comprehensive sampling and testing program may fail to detect certain conditions. Because of the inherent uncertainties in environmental evaluations, changed or unanticipated conditions may occur or become known subsequent to Phase's investigation that could affect conclusions, recommendations, total Project cost and/or execution. Changes in conditions are subject to amendments to the Scope of Services.

1.6.4 Confidentiality and Reliance: Any Final Report or draft reports and the information contained therein shall be treated as confidential and, unless otherwise agreed to by Phase and the Client, the information, sampling data, analysis, findings, conclusions and recommendations (if any), may be used and relied upon only by the Client, its officers, directors and employees and professional advisors in the performance of their obligations for or on behalf of the Client. Any such use and reliance shall be subject to the limitations set forth in this agreement. In addition, the Client may submit any report to a regulatory authority or lender for the purpose of obtaining financing on a property.

1.6.5 Third Party Reliance: This Agreement and the Services provided are for Consultant and Client's sole benefit and exclusive use with no third party beneficiaries intended. Reliance upon the Services and any work product is limited to Client, and is not intended for third parties. In the event Phase agrees, in its sole and absolute discretion, to make the Report available to a third party not mentioned in Paragraph 1.6.4, the Third Party shall be required to obtain the original Client's release, sign Phase's standard Authorized User Agreement (AUA) and pay Phase a fee of not less than \$350.00. Any such use shall be subject to the terms, conditions and limitations set forth in this Agreement, the Report and the AUA.

1.7 Ownership of Records/Reports:

All documents or records created or prepared by Phase in the performance of the Services are considered Phase's professional work product and shall remain the copyright property of Phase, subject to any reasonable disclosure request from the Client as may be necessary and for which reasonable reimbursement for copies is provided.

1.8 Disposal and Samples

1.8.1 Disposal of all wastes generated from the subject property shall be the responsibility of the Client.

1.8.2 Phase shall be responsible for appropriate disposal of sample material and sample residuals after 30 days following submission of the Final Report unless the Client specifically requests otherwise.

1.9 Subsequent Changes

With the consent of Phase, the Client may in writing at any time after the execution of this Agreement or the commencement of the Services delete, extend, increase, vary or otherwise alter the Services. The Parties further agree that such changes shall alter the Services, schedule and/or the costs. Any such changes shall be made in writing with reference to this Agreement, and accepted in writing by both Parties.

1.10 Delays

Neither Party shall be liable or penalized for delays or failure to perform its Services if the same is caused directly or indirectly by circumstances beyond a Party's reasonable control. The Client shall not hold Phase responsible for damages or delays in performance caused by the Client, acts of God, acts and/or omissions of governmental authorities and regulatory agencies or other events which are beyond the reasonable control of the Parties.

1.11 Payment

- 1.11.1 Phase shall invoice the Client in accordance with the provisions set forth in the Engagement Letter. Except as stated in the Engagement Letter, the Client shall pay to Phase at its corporate office each invoice within 30 days of the date of the invoice without holdback. Interest at a rate of 10% per year or the maximum rate allowed by law, whichever is lower, may be charged on all overdue amounts.
- 1.11.2 In the event of a disputed billing, only the disputed portion will be withheld from payment, and the undisputed portion will be paid. The Client shall exercise reasonableness in disputing any bill or portion thereof. No interest will accrue on any disputed portion of the billing until mutually resolved.
- 1.11.3 If the Client fails to make payment of any sum due hereunder within a reasonable time period, Client acknowledges and agrees that the subject Invoice will be referred to legal collections, and any amount in aggregate less than Ten Thousand Dollars U.S. (\$10,000) will be referred to small claims court in Harris County, Texas.

1.12 Suspension or Termination

The Client may at any time by notice in writing to Phase, suspend or terminate the Services or any portion thereof at any stage of the Project. Upon receipt of such written notice by the Client, Phase shall perform no further Services other than those reasonably necessary to close out its Services. In such an event, Phase shall invoice the Client for the portion of the Services completed and shall be entitled to payment in accordance with Section 1.9. Once the Services are completed the Client assumes the risk of Frustration of Purpose.

1.13 Insurance

- 1.13.1 Phase agrees to carry and maintain the following **minimum** insurance coverages for the term of this Agreement:
 - Worker's Compensation Insurance: Statutory requirement amounts
 - Commercial General Liability: \$1,000,000 per occurrence
 - Automobile Liability Insurance: \$1,000,000 per occurrence for both owned and non-owned vehicles
 - Umbrella Liability (including Professional Liability and Contractors Professional Insurance): \$10,000,000 aggregate
- 1.13.2 Phase's current Certificate of Insurance is provided with the Engagement Letter. If the Client requests to be a named as a certificate holder,
 - this request must be made in writing to Phase prior to commencement of the Services.
- 1.13.3 Phase will renew the Professional Liability Insurance at or above the minimum coverage for period of two (2) years after completion of the Services.
- 1.13.4 If the Client requests that Phase increase the amount of insurance coverage or obtain other special insurance for the Project, Phase shall endeavor forthwith to obtain such increased or special insurance at the Client's expense.
- 1.13.5 Each of Phase and Client waive all claims, losses, damages and rights of recovery against the other to extent of the limits of coverage under any commercial general liability or property insurance policy actually obtained by a Party to this Agreement (or, in the case of Phase, to the extent obtained or required to be obtained by Phase under this Agreement). In addition, each Party shall exercise commercially reasonable efforts to cause to waive subrogation under its commercial general liability and property insurance policies and provide any necessary endorsements thereto.

1.14 Indemnity/Statute of Limitations.

EACH OF Phase AND CLIENT SHALL INDEMNIFY AND HOLD HARMLESS THE OTHER AND THEIR RESPECTIVE AGENTS, EMPLOYEES, SUCCESSORS AND ASSIGNS FROM AND AGAINST LEGAL LIABILITY FOR CLAIMS, LOSSES, DAMAGES, AND EXPENSES TO THE EXTENT SUCH CLAIMS, LOSSES, DAMAGES, OR EXPENSES ARE LEGALLY DETERMINED TO BE CAUSED BY THEIR NEGLIGENT ACTS, ERRORS, OR OMISSIONS. IN THE EVENT SUCH CLAIMS, LOSSES, DAMAGES, OR EXPENSES ARE LEGALLY DETERMINED TO BE CAUSED BY THE JOINT OR CONCURRENT NEGLIGENCE OF Phase AND CLIENT, THE PARTIES SHALL BEAR LIABILITY IN PROPORTION TO ITS OWN NEGLIGENCE UNDER COMPARATIVE FAULT PRINCIPLES. NEITHER PARTY SHALL HAVE A DUTY TO DEFEND THE OTHER PARTY, AND NO DUTY TO DEFEND IS HEREBY CREATED BY THIS INDEMNITY PROVISION AND SUCH DUTY IS EXPLICITLY WAIVED UNDER THIS AGREEMENT. CAUSES OF ACTION ARISING OUT OF Phase's SERVICES OR THIS AGREEMENT, REGARDLESS OF CAUSE OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY OR OTHER RECOVERY, SHALL BE DEEMED TO HAVE ACCRUED AND THE APPLICABLE STATUTE OF LIMITATIONS SHALL COMMENCE TO RUN NO LATER THAN THE DATE OF Phase's SUBSTANTIAL COMPLETION OF SERVICES ON THE PROJECT.

1.15 Limitation of Liability.

- 1.15.1 Notwithstanding any other provisions contained herein, it is understood and agreed that Phase's liability to the Client for all claims arising out of this Agreement, or in any way relating to the Services, will be limited to direct damages and/or to the specific performance of any Services not meeting the Standard of Care set forth herein and such liability will, in the aggregate, not exceed the sum of the coverages shown on Phase's Certificate of Insurance in effect at the time of the claim.
- 1.15.2 No claim may be brought against Phase more than Two (2) years after the Services were completed under this Agreement, or as negotiated between Phase and the Client.

1.15.3. TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL AGGREGATE LIABILITY OF Phase (AND ITS DIRECTORS, EMPLOYEES, AGENTS AND AFFILIATES) TO CLIENT AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE GREATER OF \$50,000 OR Phase's FEE FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF Phase's SERVICES OR THIS AGREEMENT. THIS LIMITATION SHALL APPLY REGARDLESS OF AVAILABLE PROFESSIONAL LIABILITY INSURANCE COVERAGE, CAUSE OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, OR OTHER RECOVERY; PROVIDED, HOWEVER, THAT THIS LIMITATION SHALL NOT APPLY TO THE EXTENT OF ANY AVAILABLE COVERAGE UNDER Phase's COMMERCIAL GENERAL LIABILITY POLICY.

1.16 Consequential Damages.

EXCEPT AS EXPRESSLY PROVIDED IN THIS AGREEMENT, NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR LOSS OF PROFITS OR REVENUE, LOSS OF USE OR OPPORTUNITY, LOSS OF GOOD WILL, COST OF SUBSTITUTE FACILITIES, GOODS, OR SERVICES, COST OF CAPITAL, OR FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT, PUNITIVE, OR EXEMPLARY DAMAGES.

1.17 Regulatory Reporting Requirements

Client recognizes that hazardous substances or contaminants may be discovered at the subject property in the course of provision of the Services by Phase under conditions that may be reportable to Federal or State environmental regulatory agencies. The "duty to report" is ultimately the responsibility of the landowner unless the condition represents an acute threat to human health or the environment. Phase will notify the Client of any such reportable condition. The Client will notify the Landowner, or under mutual agreement, authorize Phase to perform such notification to the landowner.

Section 2 – MISCELLANEOUS PROVISIONS

2.1 Notices:

All notices under this Agreement shall be in writing. It shall be sufficient in all respects if the Notice is delivered by hand, sent by any electronic means, including email or facsimile transmission, with confirmation ("Transmission") during normal business hours, or sent by registered mail, postage prepaid, addressed to the Parties shown on the Engagement Letter or to such other address as either Party shall designate by written notice to the other Party. Any notice so given shall be deemed to have been given and to have been received on the day of delivery, if so delivered, on the third Business Day (excluding each day during which there exists any interruption of postal services due to strike, lockout or other cause) following the mailing thereof, if so mailed, and on the day that notice was sent by Transmission, provided such day is a Business Day (a Business Day being any day of the week save and except for Saturday and Sunday) and if not, on the first Business Day thereafter.

2.2 Entire Agreement, Modifications, Headings, Severability:

The Parties acknowledge that this Agreement and the Engagement Letter constitutes the entire agreement between them and supersedes all prior representations, warranties, agreements, and understandings, oral or written, between the Parties with respect to its subject matter. Unless stated otherwise in this Agreement, this Agreement may not be modified except in writing signed by both Parties. The headings to this Agreement are for convenience and reference purposes only and shall not constitute a part of the Agreement. If any element of this Agreement is later held to violate the law or a regulation, it shall be deemed void, and all remaining provisions shall continue in force.

2.3 Effect:

This Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective successors and assigns provided that it may not be assigned by either Party without the consent of the other, which consent shall not be unreasonably withheld.

2.4 Survival:

All representations and obligations (including without limitation the mutual obligations of indemnification) shall survive the termination of this Agreement and expire five (5) years from the date of completion of Services.

2.5 Waiver of Rights:

Any waiver of, or consent to depart from, the requirements of any provision of this Agreement shall be effective only if made in writing and signed by the Party granting such waiver or consent, and is valid only in the specific instance and for the specific purpose for which it has been granted. No failure on the part of any Party to exercise, and no delay in exercising, any right under this Agreement shall operate as a waiver of such right. No single or partial exercise of any such right shall preclude any other or further exercise of such right or the exercise of any other right.

2.6 Applicable Law:

This Agreement shall be governed by, and interpreted and enforced in accordance with, the laws in the State of Texas and the laws of The United States of America, as applicable.

2.7 Dispute Resolution:

Excepting Section 1.11 for the purpose of this Agreement, any disagreement arising between the Parties to this Agreement with reference to the interpretation of this Agreement or any matter arising hereunder and upon which the Parties cannot agree shall be referred to mediation. Reference to mediation shall be to a single mediator and in accordance with the laws of mediation in the State of Texas. The costs of the mediator shall be shared equally by the Parties on an interim basis as may be necessary provided however that the mediator shall have the discretion to award costs of the proceeding, including costs of the mediator. The venue for such mediation is agreed to be Harris County, Texas

2.8 Contract Documents:

The Contract Documents consist of the documents listed. If there is a conflict with the Contract Documents, the conflicting terms will be governed in the order of priority set forth as follows: 1. Agreement 2. Engagement Letter