

# Wenden Elementary School Limited Exterior Asbestos Report



Wenden Elementary School  
71001 Santa Fe Avenue  
Wenden, Arizona 85357

Prepared for:

Wenden Elementary School District No. 19  
71001 Santa Fe Avenue  
PO Box 8  
Wenden, Arizona 85357

Prepared by:

**RedTree** CONSULTING, LLC.  
2942 North 24<sup>th</sup> Street, Suite 114  
Phoenix, Arizona 85016  
Ph 602.989.2433

Inspection Date February 19, 2019

## **TABLE OF CONTENTS**

---

<b>LIMITATIONS.....</b>	<b>SECTION 1</b>
<b>EXECUTIVE SUMMARY .....</b>	<b>SECTION 2</b>
<b>SITE MAP.....</b>	<b>SECTION 3</b>
<b>PLM BULK SAMPLE LOCATION MAP .....</b>	<b>SECTION 4</b>
<b>PLM &amp; PC LABORATORY ANALYSIS REPORTS.....</b>	<b>SECTION 5</b>
<b>ASBESTOS-CONTAINING MATERIAL &amp; &lt;1% ASBESTOS MATERIAL LOCATION MAP .....</b>	<b>SECTION 6</b>
<b>NESHAP NOTIFICATION INFORMATION SHEET .....</b>	<b>SECTION 7</b>
<b>GENERAL NOTES/EXCLUSIONS.....</b>	<b>SECTION 8</b>
<b>INSPECTOR CERTIFICATIONS.....</b>	<b>SECTION 9</b>
<b>LABORATORY CERTIFICATION.....</b>	<b>SECTION 10</b>

## SECTION 1



## LIMITATIONS

## LIMITATIONS

The conclusions and results contained herein are based solely on the information presented in this report and are for the sole use of the Client and are subject to the terms and conditions of "The Contract". No other person or entity may rely on this report without the prior written consent of Red Tree Consulting, LLC (RTC).

The sampling, testing, and observations described in the report represent conditions only at the specified times and locations. Additional materials or information which were hidden, undiscovered, inaccessible, or are not a part of the finding presented herein, would result in the modification of the conclusions and recommendations made herein. Any response action guidelines are based solely on the findings contained herein. The response action guidelines are presented as a courtesy and are not to be considered a complete or detailed set of specifications. RTC performed these services using the degree of care and skill ordinarily exercised under similar conditions by reputable members of the profession practicing in the same or similar circumstances.

Please note, with regards to laboratory analysis of suspect bulk asbestos-containing materials: The Environmental Protection Agency (EPA) Method 600/R-93-116, Polarized Light Microscopy (PLM) is used for the testing of bulk building materials for asbestos by performing a visual estimation. This method is the most widely used method for estimating asbestos in bulk building materials and works well for most sample types. However, a more detailed method such as point counting may be required for accurate estimation of asbestos in samples with low asbestos concentration. This method is also not applicable for samples containing large amounts of fine fibers below the resolution of the PLM (<0.3 microns). Typically, the asbestos fibers present in non-friable organically bound (NOB) materials are often less than 0.1 microns in diameter and therefore may cause the PLM method to yield low estimates or even false negative results.

RTC suggests that Transmission Electron Microscopy (TEM) Chatfield Semi-Quantitative EPA Method 600/R-93-116 be used to confirm all negative results of Non-friable Organically Bound (NOB) materials. This method is particularly useful to reduce the possibility of false negatives in NOBs and to provide additional quantitative data for samples which contain low levels of asbestos. The TEM method is available at additional cost and is done only at the client's request.

RTC's scope of service for this report did not include the inspection for, or identification of fungi, lead paint, or any other hazardous or controlled substances not specifically identified herein.

RTC is not responsible for the accuracy of information provided by others, or for conditions or consequences arising from relevant facts that were withheld, concealed, undiscovered, or not fully disclosed. RTC is not a law firm and therefore, makes no representations regarding any potential liability of any person or entity for site conditions. Further, RTC is not qualified to present medical advice. If any present or future health issues are in question, it is recommended that the findings in this report be presented to a qualified medical professional for evaluation.

## SECTION 2



## EXECUTIVE SUMMARY

## EXECUTIVE SUMMARY

This limited asbestos survey report contains the results of a limited AHERA-style asbestos inspection conducted for Wenden Elementary School District No. 19. The limited asbestos inspection was conducted on the Wenden Elementary School exterior, located at 71001 Santa Fe Avenue in Wenden, Arizona. RTC was authorized by WESD, to perform the limited asbestos inspection. RTC was informed that the Wenden Elementary School exterior is to be weatherized.

The limited asbestos inspection of the building was conducted on February 18, 2019 by Mr. Michael Crow and Mr. William Barrier, both accredited asbestos building inspectors. WESD outlined the areas and the materials scheduled to be disturbed during the upcoming renovation activities, instructed RTC to collect bulk samples of all affected materials to be disturbed and to have those samples analyzed for the presence of asbestos fibers by a qualified laboratory.

A total of one hundred thirty-five (135) bulk samples were collected from the suspect building materials within the outlined areas on the exterior of the buildings. The suspect bulk samples were submitted to EMLab P&K, LLC (EMLab) for analysis using Polarized Light Microscopy (PLM) methods. EMLab used the methods prescribed in Method 40 CFR, Part 763, in the Code of Federal Register in analyzing bulk samples. EMLab is certified by the National Institute of Standards and Technology (NIST) as adhering to and in compliance with the National Voluntary Laboratory Accreditation Program (NVLAP) and holds the certification number 500031-0. The suspect asbestos bulk samples were collected and submitted to the laboratory using established chain of custody procedures. Bulk samples were collected utilizing safety and health practices as required by the Occupational Safety and Health Administration (OSHA).

Below are the suspect building materials that were sampled during the limited asbestos inspection:

001-003 - Building 1001 - Exterior Building Sealant

- White Sealant

004-006 - Building 1001 - Asphalt Shingle & Paper

- Black/White Roofing Shingle with Multicolored Pebbles
- Black Roofing Felt

**007-009 - Building 1001 - Roof Plastic**

- White Roofing Material
- Black Roofing Mastic

010-012 - Building 1002 - CMU Block & Mortar

- Gray Block with Cream Paint
- Gray Mortar

013-015 - Building 1002 - Exterior Building Sealant

- White Sealant with Tan Paint
- Yellow Foam

**016-018 - Building 1002 - Bituminous Roof Core**

- Brown Roofing Material
- Black Roofing Felt
- Black/Brown Roofing Felt
- Black Roofing Shingle with White Pebbles

**019-021 - Building 1002 - Roof Plastic**

- White Coating
- Dark Gray/Black Roofing Mastic

022-024 - Building 1003 - CMU Block & Mortar

- Gray Block with Multilayered Paint
- Gray Mortar

025-027 - Building 1003 - Exterior Building Sealants

- White Sealant with Tan/Multilayered Paint
- 028-030 - Building 1003 - Bituminous Roof Core
  - Black Roofing Tar and Felt
  - Black Roofing Tar and Felt
  - Black Roofing Shingle with White Pebbles
- 031-033 - Building 1003 - Roofing Plastic
  - Black Roofing Mastic
- 034-036 - Building 1004 - CMU Block & Mortar
  - Gray Block with Multilayered Paint
- 037-039 - Building 1004 - Exterior Building Sealant
  - White Sealant
- 040-042 - Building 1003 - Porch MB - Bituminous Roof Core**
  - White Roofing Material
  - Black Roofing Material with Multicolored Pebbles
  - Black Roofing Felt
  - White Roofing Material
  - **Black Roofing Mastic**
- 043-045 - Building 1004 - Asphalt Single & Paper
  - Black Roofing Shingle with White Pebbles
  - Black Roofing Felt
- 046-048 - Building 1004 - Roof Plastic
  - White Roofing Material
  - Black Roofing Shingle with Multicolored Pebbles
- 049-051 - Building 1005 - CMU Block & Mortar
  - Gray Block with Multicolored Paint
  - Gray/Red Mortar
- 052-054 - Building 1005 - Exterior Building Sealant
  - White Sealant with Multilayered Paint
- 055-057 - Building 1005 - Window Putty**
  - **White Window Putty with Multilayered Paint**
- 058-060 - Building 1005 - Asphalt Roof Shingle & Paper
  - Black Roofing Shingle with White Pebbles
  - Black Roofing Felt
- 061-063 - Building 1005 - Roof Plastic**
  - **Black Roofing Mastic (5% Chrysotile)**
- 064-066 - Building 1005 - Covered Walkway Bituminous Core
  - White Roofing Material
  - Black Roofing Shingle with Multicolored Pebbles
  - Black Roofing Tar and Felt
  - Black Roofing Tar and Felt
  - Black Roofing Tar and Felt
- 067-069 - Building 1005 - White Coated Roofing Plastic**
  - **Black Roofing Mastic with White Coating and Multicolored Pebbles**
- 070-072 - Building 1006 - CMU Block & Mortar
  - Brown Block with Multilayered Paint
- 073-075 - Building 1006 - Exterior Building Sealant**
  - **White/Brown Sealant with Paint**
- 076-078 - Building 1006 - Window Putty**
  - **Light Brown Window Putty with Beige Paint**
- 079-081 - Building 1006 - Asphalt Roof Shingle & Paper
  - Black Roofing Shingle with White Pebbles
  - Black Roofing Felt
- 082-084 - Building 1006 - Grey Roof Plastic
  - **Gray/Black Roofing Mastic**

- Black Roofing Shingle with White Pebbles
  - Black Roofing Tar
- 085-087 - Building 1007 - Exterior Building Sealant
- White Sealant with White Paint
- 088-090 - Building 1007 - Asphalt Roof Shingle & Paper
- White Roofing Material
  - Black Roofing Shingle with White Pebbles
  - Dark Brown Roofing Felt
- 091-093 - Building 1007 - Black Roof Plastic
- Black Roofing Shingle with Tan Pebbles
  - Black Roofing Tar
- 094-096 - Building 1007 - Grey Roof Plastic
- White Roofing Material
  - Black Roofing Tar and Felt
  - Black Roofing Shingle with Multicolored Pebbles
  - Gray/Black Roofing Mastic
- 097-099 - Building 1003 - Gym Floor 9x9 Cork F/T & Mastic
- Brown Floor Tile (Cork)
  - Green Mastic
- 100-102 - Building 1008 - Exterior Building Sealant
- Black Sealant with White Paint
- 103-105 - Building 1008 - Bituminous Roof Core
- White Roofing Material
  - Black Roofing Tar and Felt with Pebbles
  - Black Roofing Tar and Felt
  - Black Roofing Tar and Felt
- 106-108 - Building 1011 - Exterior Building Sealant
- White Sealant
- 109-111- Building 1011 - CMU Block & Mortar
- Gray Black
  - Gray Mortar
- 112-114 - Building 1011 - Asphalt Shingle & Paper
- White Roofing Material
  - Black Roofing Shingle with Tan Pebbles
  - Dark Brown Roofing Felt Paper
- 115-117 - Building 1011 - Roof Plastic**
- White Roofing Material
  - **Black Roofing Mastic**
  - Black Roofing Shingle with Multicolored Pebbles
- 118-120 - Building 1013 – Plaster
- White Skim Coat with Beige Paint
  - Gray Base Coat
- 121-123 - Building 1013 - Cooler Sealant
- Off-White Sealant with Debris
- 124-126 - Building 1013 - Bituminous Roof Core
- Black Roofing Shingle with White Pebbles
  - Black Roofing Tar and Felt
  - Black Roofing Tar and Felt
- 127-129 - Building 1013 - Bituminous Walk Pad
- Black Roofing Shingle with Multicolored Pebbles
  - Black Roofing Tar
- 130-132 - Building 1013 - Roofing Plastic**
- White Roofing Material
  - **Black Roofing Mastic with White Pebbles**

- Black Roofing Tar
- 133-135 - Building 1003 - 12x12 Grey F/T VCT & Mastic
- Light Gray Floor Tile
  - Yellow Mastic

The sampled building materials outlined in Table 1 were reported by laboratory PLM analysis to contain asbestos. The samples reported as <1% Asbestos were reanalyzed by laboratory Point Count Analysis to confirm asbestos presence.

**Table 1.**

Sample No.	Building	Material	NESHAP Category	OSHA Classification	Estimated Quantity	Laboratory Analysis Results
008,009	1001	Roof Plastic	Cat. I	N/A	TBD	5%-7% Chrysotile (PLM)
016,017,018	1002	Bituminous Roof Core (Black Roofing Shingle with White Pebbles Layer)	Cat. I	Class II	TBD	2% Chrysotile (PLM)
019,020,021	1002	Roof Plastic	Cat. I	N/A	TBD	3%-5% Chrysotile (PLM)
040,041,042	1003	Porch MB Bituminous Roof Core (Black Roofing Mastic Layer)	Cat. I	N/A	TBD	4%-7% Chrysotile (PLM)
055,056,057	1005	Window Putty	N/A	Unclassified	TBD	<1% Chrysotile (PLM) <0.25-0.25% Chrysotile (PC)
061	1005	Roof Plastic	Cat. I	N/A	TBD	5% Chrysotile (PLM)
067,068,069	1005	White Coated Roof Plastic	Cat. I	N/A	TBD	4%-7% Chrysotile (PLM)
075	1005	Exterior Building Sealant	Cat. II	Class II	TBD	4% Chrysotile (PLM)
076,077,078	1006	Window Putty	N/A	Unclassified	TBD	<1% Chrysotile (PLM) 0.5%-0.75% Chrysotile (PC)
083	1006	Grey Roof Plastic	Cat. I	N/A	TBD	10% Chrysotile (PLM)
117	1011	Roof Plastic	Cat. I	N/A	TBD	10% Chrysotile (PLM)
131,132	1013	Roof Plastic	Cat. I N/A	Unclassified N/A	TBD	<1% Chrysotile (PLM) 0.75%-1.0% Chrysotile (PC)

**NESHAP Category I** non-friable ACM is any asbestos-containing packing, gasket, resilient floor covering or asphalt roofing product which contains more than 1% asbestos as determined using PLM according to the methods specified in Appendix A, Subpart F, 40 CFR Part 763.

**NESHAP Category II** non-friable ACM is any material containing more than 1% asbestos as determined using PLM according to the methods specified in Appendix A, Subpart F, 40 CFR Part 763 that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

**OSHA Class II** work means any activity involving the removal of ACM which is not thermal systems insulation (TSI) or surfacing material.

**Note: OSHA does not regulate roof mastics** (OSHA is amending sections 1915.1001 and 1926.1101 to conform the regulations to the court's decision. OSHA is adding a statement to paragraph (a) in both standards to state that the standard does not apply to asbestos-containing asphalt roof cements, coatings and mastics).

## RECOMMENDATIONS

RTC recommends that the previously referenced asbestos-containing material (ACM) be removed by a qualified asbestos abatement contractor. The contractor should comply with all governing regulatory agencies guidelines.

RTC also recommends that Wenden Elementary School District consider retaining the services of an independent asbestos consulting firm to; have an AHERA accredited Project Designer write an industry standard technical specification for the abatement activities and to have an AHERA accredited Project Supervisor monitor the performance of a qualified and licensed abatement contractor. Depending on the extent of the above services that are performed, on completion the consultant can then provide final close-out documentation of the abatement activities.

## CONCLUSION

All inspection documentation is provided to Wenden Elementary School District and should be retained in a permanent record. Should you have any questions regarding the procedures that were followed on this project, please contact me at any time. Thank you for the opportunity to provide these environmental consulting services.



**Michael L. Crow**  
**President, Director of Operations**

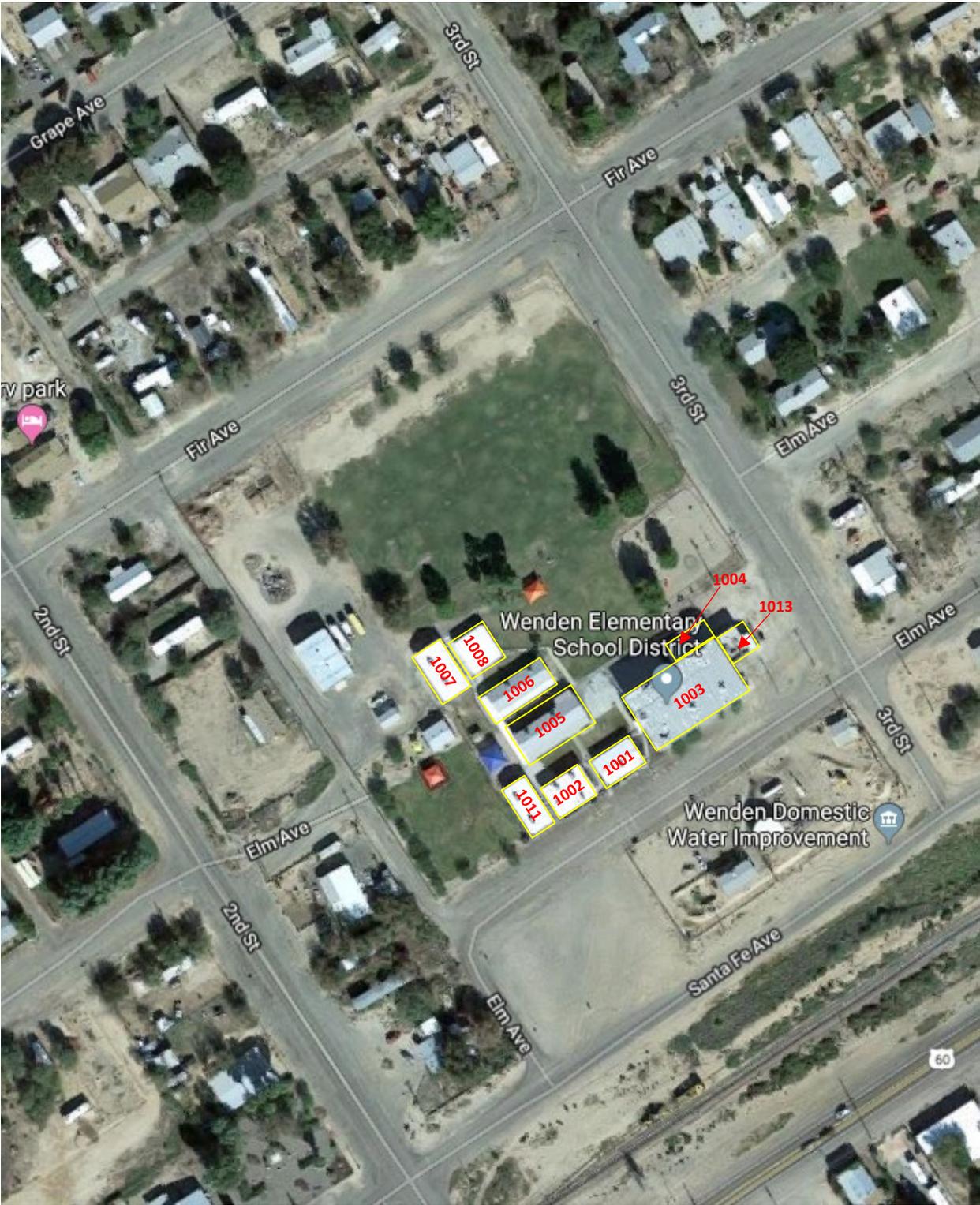
AHERA Building Inspector  
Certificate Number: 4646-4283-031918  
Expires: March 19, 2019

SECTION 3



SITE MAP

**SITE MAP**



Site Overview of Wenden Elementary School.

## SECTION 4



## PLM BULK SAMPLE LOCATION MAP



086 087  
091 092  
089  
088  
085

101 102  
103  
104  
105  
100

072 083 071  
079 076 077 078 082  
084  
080  
075 066 074 073 081  
070

065 055,057 049  
051 063  
067 061 062  
068  
069 053 052  
064 054  
060 059

108  
116 117  
109  
110  
106  
115  
114 112  
111 113  
107

015 014 013 011  
020  
016 017 018  
021 019  
012 010

006 005  
008 007  
009  
004  
003 001

040  
041  
042

037 044 034 038,039 035  
045 043  
046 047 048 036  
133 024 027 134 118  
031 135 124-126  
117-129 130 121-123  
132 131  
022 097 030 029 120 119  
028 029  
023 032 025 033 026 099  
098

## SECTION 5



PLM & PC LABORATORY ANALYSIS REPORTS



Report for:

**Mike Crow**  
**Red Tree Consulting, LLC**  
7845 E. Redfield Rd. Suite 100  
Scottsdale, AZ 85260

---

Regarding: Project: 2019 Wenden ES; Wenden  
EML ID: 2101810

Approved by:

Dates of Analysis:  
Asbestos PLM: 02-26-2019 and 02-27-2019

Approved Signatory  
Renee Luna-Trepczynski

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)

---

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Total Samples Submitted:** 135

**Total Samples Analyzed:** 135

**Total Samples with Layer Asbestos Content > 1%:** 18

**Location: 001, Building 1001 -Exterior Building Sealant**

Lab ID-Version‡: 9940616-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 002, Building 1001 -Exterior Building Sealant**

Lab ID-Version‡: 9940617-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 003, Building 1001 -Exterior Building Sealant**

Lab ID-Version‡: 9940618-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 004, Building 1001 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940619-1

Sample Layers	Asbestos Content
Black/White Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	20% Cellulose 4% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 005, Building 1001 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940620-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	55% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 006, Building 1001 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940621-1

Sample Layers	Asbestos Content
Black/White Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	20% Cellulose 4% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 007, Building 1001 -Roof Plastic**

Lab ID-Version‡: 9940622-1

Sample Layers	Asbestos Content
White Roofing Material	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 008, Building 1001 -Roof Plastic**

Lab ID-Version‡: 9940623-1

Sample Layers	Asbestos Content
Black Roofing Mastic	7% Chrysotile
<b>Composite Non-Asbestos Content:</b>	2% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 009, Building 1001 -Roof Plastic**

Lab ID-Version‡: 9940624-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Mastic	5% Chrysotile
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 010, Building 1002 -CMU Block & Mortar**

Lab ID-Version‡: 9940625-1

Sample Layers	Asbestos Content
Gray Block with Cream Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 011, Building 1002 -CMU Block & Mortar**

Lab ID-Version‡: 9940626-1

Sample Layers	Asbestos Content
Gray Block with Cream Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 012, Building 1002 -CMU Block & Mortar**

Lab ID-Version‡: 9940627-1

Sample Layers	Asbestos Content
Gray Block with Cream Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 013, Building 1002 -Exterior Building Sealant**

Lab ID-Version‡: 9940628-1

Sample Layers	Asbestos Content
White Sealant with Tan Paint	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 014, Building 1002 -Exterior Building Sealant**

Lab ID-Version‡: 9940629-1

Sample Layers	Asbestos Content
White Sealant with Tan Paint	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 015, Building 1002 -Exterior Building Sealant**

Lab ID-Version‡: 9940630-1

Sample Layers	Asbestos Content
Yellow Foam	ND
White Sealant with Tan Paint	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 016, Building 1002 -Bitumous Roof Core**

Lab ID-Version‡: 9940631-1

Sample Layers	Asbestos Content
Brown Roofing Material	ND
Black Roofing Felt	ND
Black Roofing Felt	ND
Black Roofing Shingle with White Pebbles	2% Chrysotile
<b>Composite Non-Asbestos Content:</b>	35% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 017, Building 1002 -Bitumous Roof Core**

Lab ID-Version‡: 9940632-1

Sample Layers	Asbestos Content
Brown Roofing Material	ND
Brown Roofing Material	ND
Black Roofing Felt	ND
Black Roofing Shingle with White Pebbles	2% Chrysotile
<b>Composite Non-Asbestos Content:</b>	35% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 018, Building 1002 -Bitumous Roof Core**

Lab ID-Version‡: 9940633-1

Sample Layers	Asbestos Content
Brown Roofing Material	ND
Brown Roofing Material	ND
Black Roofing Felt	ND
Black Roofing Felt	ND
Black Roofing Shingle with White Pebbles	2% Chrysotile
<b>Composite Non-Asbestos Content:</b>	35% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 019, Building 1002 -Roof Plastic**

Lab ID-Version‡: 9940634-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Mastic	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	2% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 020, Building 1002 -Roof Plastic**

Lab ID-Version‡: 9940635-1

Sample Layers	Asbestos Content
Dark Gray Roofing Mastic	3% Chrysotile
<b>Composite Non-Asbestos Content:</b>	7% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 021, Building 1002 -Roof Plastic**

Lab ID-Version‡: 9940636-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Pebbles	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	5% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 022, Building 1003 -CMU Block & Mortar**

Lab ID-Version‡: 9940637-1

Sample Layers	Asbestos Content
Gray Block with Multilayered Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 023, Building 1003 -CMU Block & Mortar**

Lab ID-Version‡: 9940638-1

Sample Layers	Asbestos Content
Gray Block with Multilayered Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 024, Building 1003 -CMU Block & Mortar**

Lab ID-Version‡: 9940639-1

Sample Layers	Asbestos Content
Gray Block with Multilayered Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 025, Building 1003 -Exterior Building Sealants**

Lab ID-Version‡: 9940640-1

Sample Layers	Asbestos Content
White Sealant with Tan Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 026, Building 1003 -Exterior Building Sealants**

Lab ID-Version‡: 9940641-1

Sample Layers	Asbestos Content
White Sealant with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 027, Building 1003 -Exterior Building Sealants**

Lab ID-Version‡: 9940642-1

Sample Layers	Asbestos Content
White Sealant with Tan Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 028, Building 1003 -Bitumous Roof Core**

Lab ID-Version‡: 9940643-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Shingle with White Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b> Poor	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 029, Building 1003 -Bitumous Roof Core**

Lab ID-Version‡: 9940644-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Shingle with White Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 030, Building 1003 -Bitumous Roof Core**

Lab ID-Version‡: 9940645-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Shingle with White Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 031, Building 1003 -Roofing Plastic**

Lab ID-Version‡: 9940646-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	6% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 032, Building 1003 -Roofing Plastic**

Lab ID-Version‡: 9940647-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	6% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 033, Building 1003 -Roofing Plastic**

Lab ID-Version‡: 9940648-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	6% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 034, Building 1004 -CMU Block & Mortar**

Lab ID-Version‡: 9940649-1

Sample Layers	Asbestos Content
Gray Block with Multilayered Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 035, Building 1004 -CMU Block & Mortar**

Lab ID-Version‡: 9940650-1

Sample Layers	Asbestos Content
Gray Block with Multilayered Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 036, Building 1004 -CMU Block & Mortar**

Lab ID-Version‡: 9940651-1

Sample Layers	Asbestos Content
Gray Block with Multilayered Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 037, Building 1004 -Exterior Building Sealant**

Lab ID-Version‡: 9940652-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 038, Building 1004 -Exterior Building Sealant**

Lab ID-Version‡: 9940653-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 039, Building 1004 -Exterior Building Sealant**

Lab ID-Version‡: 9940654-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 040, Building 1003 -Porch MB -Bitumous Roof Core**

Lab ID-Version‡: 9940655-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Felt	ND
White Roofing Material	ND
Black Roofing Mastic	6% Chrysotile
<b>Composite Non-Asbestos Content:</b>	10% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 041, Building 1003 -Porch MB -Bitumous Roof Core**

Lab ID-Version‡: 9940656-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Felt	ND
White Roofing Material	ND
Black Roofing Mastic	4% Chrysotile
<b>Composite Non-Asbestos Content:</b>	10% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 042, Building 1003 -Porch MB -Bitumous Roof Core**

Lab ID-Version‡: 9940657-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Felt	ND
White Roofing Material	ND
Black Roofing Mastic	7% Chrysotile
<b>Composite Non-Asbestos Content:</b>	10% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 043, Building 1004 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940658-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
C/O: Mike Crow  
Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
Date of Receipt: 02-22-2019  
Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 044, Building 1004 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940659-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
C/O: Mike Crow  
Re: 2019 Wenden ES; WendenDate of Sampling: 02-19-2019  
Date of Receipt: 02-22-2019  
Date of Report: 02-27-2019**ASBESTOS PLM REPORT****Location: 045, Building 1004 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940660-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 046, Building 1004 -Roof Plastic**

Lab ID-Version‡: 9940661-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 047, Building 1004 -Roof Plastic**

Lab ID-Version‡: 9940662-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 048, Building 1004 -Roof Plastic**

Lab ID-Version‡: 9940663-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 049, Building 1005 -CMU Block & Mortar**

Lab ID-Version‡: 9940664-1

Sample Layers	Asbestos Content
Gray Block with Multilayered Paint	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 050, Building 1005 -CMU Block & Mortar**

Lab ID-Version‡: 9940665-1

Sample Layers	Asbestos Content
Red Block with Multilayered Paint	ND
Red Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 051, Building 1005 -CMU Block & Mortar**

Lab ID-Version‡: 9940666-1

Sample Layers	Asbestos Content
Red Block with Multilayered Paint	ND
Red Mortar	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 052, Building 1005 -Exterior Building Sealant**

Lab ID-Version‡: 9940667-1

Sample Layers	Asbestos Content
White Sealant with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 053, Building 1005 -Exterior Building Sealant**

Lab ID-Version‡: 9940668-1

Sample Layers	Asbestos Content
White Sealant with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 054, Building 1005 -Exterior Building Sealant**

Lab ID-Version‡: 9940669-1

Sample Layers	Asbestos Content
White Sealant with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 055, Building 1005 -Window Putty**

Lab ID-Version‡: 9940670-1

Sample Layers	Asbestos Content
White Window Putty with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 056, Building 1005 -Window Putty**

Lab ID-Version‡: 9940671-1

Sample Layers	Asbestos Content
White Window Putty with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 057, Building 1005 -Window Putty**

Lab ID-Version‡: 9940672-1

Sample Layers	Asbestos Content
White Window Putty with Multilayered Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 058, Building 1005 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940673-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 15% Glass Fibers
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 059, Building 1005 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940674-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 15% Glass Fibers
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 060, Building 1005 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940675-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 15% Glass Fibers
<b>Sample Composite Homogeneity:</b> Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 061, Building 1005 -Roof Plastic**

Lab ID-Version‡: 9940676-1

Sample Layers	Asbestos Content
Black Roofing Mastic	5% Chrysotile
<b>Composite Non-Asbestos Content:</b>	5% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 062, Building 1005 -Roof Plastic**

Lab ID-Version‡: 9940677-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	8% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 063, Building 1005 -Roof Plastic**

Lab ID-Version‡: 9940678-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	7% Cellulose < 1% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 064, Building 1005 -Covered Walkway Bituminous Core**

Lab ID-Version‡: 9940679-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	25% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 065, Building 1005 -Covered Walkway Bituminious Core**

Lab ID-Version‡: 9940680-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	20% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 066, Building 1005 -Covered Walkway Bituminious Core**

Lab ID-Version‡: 9940681-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	25% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 067, Building 1005 -White Coated Roofing Plastic**

Lab ID-Version‡: 9940682-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Coating and Multicolored Pebbles	5% Chrysotile
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 068, Building 1005 -White Coated Roofing Plastic**

Lab ID-Version‡: 9940683-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Coating	7% Chrysotile
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 069, Building 1005 -White Coated Roofing Plastic**

Lab ID-Version‡: 9940684-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Coating	4% Chrysotile
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 070, Building 1005 -CMU Block & Mortar**

Lab ID-Version‡: 9940685-1

Sample Layers	Asbestos Content
Brown Block with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 071, Building 1005 -CMU Block & Mortar**

Lab ID-Version‡: 9940686-1

Sample Layers	Asbestos Content
Brown Block with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 072, Building 1005 -CMU Block & Mortar**

Lab ID-Version‡: 9940687-1

Sample Layers	Asbestos Content
Brown Block with Multilayered Paint	ND
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT****Location: 073, Building 1005 -Exterior Building Sealant**

Lab ID-Version‡: 9940688-1

Sample Layers	Asbestos Content
Multicolored Paint Layers	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 074, Building 1005 -Exterior Building Sealant**

Lab ID-Version‡: 9940689-1

Sample Layers	Asbestos Content
White Sealant with White Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 075, Building 1005 -Exterior Building Sealant**

Lab ID-Version‡: 9940690-1

Sample Layers	Asbestos Content
Brown Sealant with Multilayered Paint	4% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 076, Building 1006 -Window Putty**

Lab ID-Version‡: 9940691-1

Sample Layers	Asbestos Content
Light Brown Window Putty with Beige Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 077, Building 1006 -Window Putty**

Lab ID-Version‡: 9940692-1

Sample Layers	Asbestos Content
Light Brown Window Putty with Beige Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 078, Building 1006 -Window Putty**

Lab ID-Version‡: 9940693-1

Sample Layers	Asbestos Content
Light Brown Window Putty with Beige Paint	< 1% Chrysotile
<b>Sample Composite Homogeneity:</b> Good	

**Location: 079, Building 1006 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940694-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 080, Building 1006 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940695-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b> Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
C/O: Mike Crow  
Re: 2019 Wenden ES; WendenDate of Sampling: 02-19-2019  
Date of Receipt: 02-22-2019  
Date of Report: 02-27-2019**ASBESTOS PLM REPORT****Location: 081, Building 1006 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940696-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 082, Building 1006 -Grey Roof Plastic**

Lab ID-Version‡: 9940697-1

Sample Layers	Asbestos Content
Gray/Black Roofing Mastic	ND
Black Roofing Shingle with White Pebbles	ND
Black Roofing Tar	ND
<b>Composite Non-Asbestos Content:</b>	5% Cellulose 5% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 083, Building 1006 -Grey Roof Plastic**

Lab ID-Version‡: 9940698-1

Sample Layers	Asbestos Content
Gray/Black Roofing Mastic	10% Chrysotile
<b>Sample Composite Homogeneity:</b>	Good

**Location: 084, Building 1006 -Grey Roof Plastic**

Lab ID-Version‡: 9940699-1

Sample Layers	Asbestos Content
Gray/Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 085, Building 1007 -Exterior Building Sealant**

Lab ID-Version‡: 9940700-1

Sample Layers	Asbestos Content
White Sealant with White Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 086, Building 1007 -Exterior Building Sealant**

Lab ID-Version‡: 9940701-1

Sample Layers	Asbestos Content
White Sealant with White Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 087, Building 1007 -Exterior Building Sealant**

Lab ID-Version‡: 9940702-1

Sample Layers	Asbestos Content
White Sealant with White Paint	ND
<b>Sample Composite Homogeneity:</b> Good	

**Location: 088, Building 1007 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940703-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Dark Brown Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b> Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
C/O: Mike Crow  
Re: 2019 Wenden ES; WendenDate of Sampling: 02-19-2019  
Date of Receipt: 02-22-2019  
Date of Report: 02-27-2019**ASBESTOS PLM REPORT****Location: 089, Building 1007 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940704-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with White Pebbles	ND
Dark Brown Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 090, Building 1007 -Asphalt Roof Shingle & Paper**

Lab ID-Version‡: 9940705-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with White Pebbles	ND
Dark Brown Roofing Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 091, Building 1007 -Black Roof Plastic**

Lab ID-Version‡: 9940706-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Tan Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

**Location: 092, Building 1007 -Black Roof Plastic**

Lab ID-Version‡: 9940707-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Tan Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 093, Building 1007 -Black Roof Plastic**

Lab ID-Version‡: 9940708-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Tan Pebbles	ND
Black Roofing Tar	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 094, Building 1007 -Grey Roof Plastic**

Lab ID-Version‡: 9940709-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	3% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 095, Building 1007 -Grey Roof Plastic**

Lab ID-Version‡: 9940710-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Multicolored Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	5% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 096, Building 1007 -Grey Roof Plastic**

Lab ID-Version‡: 9940711-1

Sample Layers	Asbestos Content
Gray/Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 097, Building 1003 -Gym Floor 9x9 Cork F/T & Mastic**

Lab ID-Version‡: 9940712-1

Sample Layers	Asbestos Content
Brown Floor Tile (Cork)	ND
Green Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 098, Building 1003 -Gym Floor 9x9 Cork F/T & Mastic**

Lab ID-Version‡: 9940713-1

Sample Layers	Asbestos Content
Brown Floor Tile (Cork)	ND
Green Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 099, Building 1003 -Gym Floor 9x9 Cork F/T & Mastic**

Lab ID-Version‡: 9940714-1

Sample Layers	Asbestos Content
Brown Floor Tile (Cork)	ND
Green Mastic	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 100, Building 1008 -Exterior Building Sealant**

Lab ID-Version‡: 9940715-1

Sample Layers	Asbestos Content
Black Sealant with White Paint	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 101, Building 1008 -Exterior Building Sealant**

Lab ID-Version‡: 9940716-1

Sample Layers	Asbestos Content
Black Sealant with White Paint	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 102, Building 1008 -Exterior Building Sealant**

Lab ID-Version‡: 9940717-1

Sample Layers	Asbestos Content
Black Sealant with White Paint	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 103, Building 1008 -Bituminous Roof Core**

Lab ID-Version‡: 9940718-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Tar and Felt with Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 104, Building 1008 -Bituminous Roof Core**

Lab ID-Version‡: 9940719-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 105, Building 1008 -Bituminous Roof Core**

Lab ID-Version‡: 9940720-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Tar and Felt with Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 106, Building 1011 -Exterior Building Sealant**

Lab ID-Version‡: 9940721-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 107, Building 1011 -Exterior Building Sealant**

Lab ID-Version‡: 9940722-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

**Location: 108, Building 1011 -Exterior Building Sealant**

Lab ID-Version‡: 9940723-1

Sample Layers	Asbestos Content
White Sealant	ND
<b>Sample Composite Homogeneity:</b>	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 109, Building 1011 -CMU Block & Mortar**

Lab ID-Version‡: 9940724-1

Sample Layers	Asbestos Content
Gray Block	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 110, Building 1011 -CMU Block & Mortar**

Lab ID-Version‡: 9940725-1

Sample Layers	Asbestos Content
Gray Block	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 111, Building 1011 -CMU Block & Mortar**

Lab ID-Version‡: 9940726-1

Sample Layers	Asbestos Content
Gray Block	ND
Gray Mortar	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 112, Building 1011 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940727-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Tan Pebbles	ND
Dark Brown Roofing Felt Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
C/O: Mike Crow  
Re: 2019 Wenden ES; WendenDate of Sampling: 02-19-2019  
Date of Receipt: 02-22-2019  
Date of Report: 02-27-2019**ASBESTOS PLM REPORT****Location: 113, Building 1011 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940728-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Tan Pebbles	ND
Dark Brown Roofing Felt Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 114, Building 1011 -Asphalt Shingle & Paper**

Lab ID-Version‡: 9940729-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Shingle with Tan Pebbles	ND
Dark Brown Roofing Felt Paper	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose 10% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 115, Building 1011 -Roof Plastic**

Lab ID-Version‡: 9940730-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Paint	ND
<b>Composite Non-Asbestos Content:</b>	15% Cellulose
<b>Sample Composite Homogeneity:</b>	Good

**Location: 116, Building 1011 -Roof Plastic**

Lab ID-Version‡: 9940731-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
White Roofing Material	ND
Black Roofing Mastic	ND
<b>Composite Non-Asbestos Content:</b>	10% Cellulose
<b>Sample Composite Homogeneity:</b>	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
C/O: Mike Crow  
Re: 2019 Wenden ES; WendenDate of Sampling: 02-19-2019  
Date of Receipt: 02-22-2019  
Date of Report: 02-27-2019**ASBESTOS PLM REPORT****Location: 117, Building 1011 -Roof Plastic**

Lab ID-Version‡: 9940732-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Mastic	10% Chrysotile
Black Roofing Shingle with Multicolored Pebbles	ND
<b>Composite Non-Asbestos Content:</b>	5% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 118, Building 1013 -Plaster**

Lab ID-Version‡: 9940733-1

Sample Layers	Asbestos Content
White Skim Coat with Beige Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 119, Building 1013 -Plaster**

Lab ID-Version‡: 9940734-1

Sample Layers	Asbestos Content
White Skim Coat with Beige Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 120, Building 1013 -Plaster**

Lab ID-Version‡: 9940735-1

Sample Layers	Asbestos Content
White Skim Coat with Beige Paint	ND
Gray Base Coat	ND
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 121, Building 1013 -Cooler Sealant**

Lab ID-Version‡: 9940736-1

Sample Layers	Asbestos Content
Off-White Sealant with Debris	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 122, Building 1013 -Cooler Sealant**

Lab ID-Version‡: 9940737-1

Sample Layers	Asbestos Content
Off-White Sealant with Debris	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 123, Building 1013 -Cooler Sealant**

Lab ID-Version‡: 9940738-1

Sample Layers	Asbestos Content
Off-White Sealant with Debris	ND
<b>Composite Non-Asbestos Content:</b>	< 1% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 124, Building 1013 -Bituminous Roof Core**

Lab ID-Version‡: 9940739-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 125, Building 1013 -Bituminous Roof Core**

Lab ID-Version‡: 9940740-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 126, Building 1013 -Bituminous Roof Core**

Lab ID-Version‡: 9940741-1

Sample Layers	Asbestos Content
Black Roofing Shingle with White Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
<b>Composite Non-Asbestos Content:</b>	15% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Poor

**Location: 127, Building 1013 -Bituminous Walk Pad**

Lab ID-Version‡: 9940742-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Tar	ND
<b>Composite Non-Asbestos Content:</b>	20% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 128, Building 1013 -Bituminous Walk Pad**

Lab ID-Version‡: 9940743-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Tar	ND
<b>Composite Non-Asbestos Content:</b>	20% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 129, Building 1013 -Bituminous Walk Pad**

Lab ID-Version‡: 9940744-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Multicolored Pebbles	ND
Black Roofing Tar	ND
<b>Composite Non-Asbestos Content:</b>	20% Glass Fibers
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 130, Building 1013 -Roofing Plastic**

Lab ID-Version‡: 9940745-1

Sample Layers	Asbestos Content
White Roofing Material	ND
Black Roofing Tar with White Pebbles	ND
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 131, Building 1013 -Roofing Plastic**

Lab ID-Version‡: 9940746-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Pebbles	< 1% Chrysotile
Black Roofing Tar	ND
<b>Composite Non-Asbestos Content:</b>	5% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

**Location: 132, Building 1013 -Roofing Plastic**

Lab ID-Version‡: 9940747-1

Sample Layers	Asbestos Content
Black Roofing Mastic with White Pebbles	< 1% Chrysotile
Black Roofing Tar	ND
<b>Composite Non-Asbestos Content:</b>	5% Cellulose
<b>Sample Composite Homogeneity:</b>	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 02-27-2019

**ASBESTOS PLM REPORT**

**Location: 133, Building 1003 -12x12 Grey F/T VCT & Mastic**

Lab ID-Version‡: 9940748-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 134, Building 1003 -12x12 Grey F/T VCT & Mastic**

Lab ID-Version‡: 9940749-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

**Location: 135, Building 1003 -12x12 Grey F/T VCT & Mastic**

Lab ID-Version‡: 9940750-1

Sample Layers	Asbestos Content
Light Gray Floor Tile	ND
Yellow Mastic	ND
<b>Sample Composite Homogeneity:</b> Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



EMLab P&K  
 1501 West Knudsen Drive  
 Phoenix, AZ 85027  
 www.EMLabPK.com

Phone: 800-651-1802



002101810

### Chain of Custody

Page: 1 of 6

Client Name: Red Tree Consulting  
 Client Address: 2942 North 24th Street, Suite 114  
Phoenix, AZ 85016  
 Send Report to: mrow@redtreecn.com  
ccr@redtreeco.com

Office Number: 602-424-3468  
 Cell Number: 602-989-2433  
 Project Number: 2019 Wenden ES  
 Project Name: Wenden  
 P.O. Number: \_\_\_\_\_

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Total # Samples Submitted: 135 Asbestos Analysis: PCM Airborne Fiber Count (NIOSH 7400)  PLM (EPA method 600/R-93-116)

Turn Around Time Codes - (TAT) Standard - 2 Day (Default)  Next Business Day  Same Business Day Rush  Weekend/Holiday

Sample Number:	Sample Location/Description:	Sample Date:	Start/Stop Time:	Sample Volume (L)
001	Building 1001 - Exterior Building Sealant	02/19/19	N/A	N/A
002	Building 1001 - Exterior Building Sealant	02/19/19	N/A	N/A
003	Building 1001 - Exterior Building Sealant	02/19/19	N/A	N/A
004	Building 1001 - Asphalt Shingle & Paper	02/19/19	N/A	N/A
005	Building 1001 - Asphalt Shingle & Paper	02/19/19	N/A	N/A
006	Building 1001 - Asphalt Shingle & Paper	02/19/19	N/A	N/A
007	Building 1001 - Roof Plastic	02/19/19	N/A	N/A
008	Building 1001 - Roof Plastic	02/19/19	N/A	N/A
009	Building 1001 - Roof Plastic	02/19/19	N/A	N/A
010	Building 1002 - CMU Block & Mortar	02/19/19	N/A	N/A
011	Building 1002 - CMU Block & Mortar	02/19/19	N/A	N/A
012	Building 1002 - CMU Block & Mortar	02/19/19	N/A	N/A
013	Building 1002 - Exterior Building Sealant	02/19/19	N/A	N/A
014	Building 1002 - Exterior Building Sealant	02/19/19	N/A	N/A
015	Building 1002 - Exterior Building Sealant	02/19/19	N/A	N/A

Custody Information:

Samples Relinquished: [Signature] 2/19/19 Samples Received: Crrow 02/19/19

Samples Relinquished: Crrow 02/22/19 Samples Received: K Kniffel 850 2/22/19



EMLab P&K  
 1501 West Knudsen Drive  
 Phoenix, AZ 85027  
 www.EMLabPK.com

Phone: 800-651-4802



002101810

### Continued Chain of Custody

Page:  of

Total # Samples Submitted:  Asbestos Analysis: PCM Airborne Fiber Count (NIOSH 7400)  PLM (EPA method 600/R-93-116)

Turn Around Time Codes - (TAT) Standard - 2 Day (Default)  Next Business Day  Same Business Day Rush  Weekend/Holiday

Sample Number:	Sample Location/Description:	Sample Date:	Start/Stop Time:	Sample Volume (L)
016	Building 1002 - Bituminous Roof Core	02/19/19	N/A	N/A
017	Building 1002 - Bituminous Roof Core	02/19/19	N/A	N/A
018	Building 1002 - Bituminous Roof Core	02/19/19	N/A	N/A
019	Building 1002 - Roof Plastic	02/19/20	N/A	N/A
020	Building 1002 - Roof Plastic	02/19/21	N/A	N/A
021	Building 1002 - Roof Plastic	02/19/22	N/A	N/A
022	Building 1003 - CMU Block & Mortar	02/19/23	N/A	N/A
023	Building 1003 - CMU Block & Mortar	02/19/24	N/A	N/A
024	Building 1003 - CMU Block & Mortar	02/19/25	N/A	N/A
025	Building 1003 - Exterior Building Sealants	02/19/26	N/A	N/A
026	Building 1003 - Exterior Building Sealants	02/19/27	N/A	N/A
027	Building 1003 - Exterior Building Sealants	02/19/28	N/A	N/A
028	Building 1003 - Bitumous Roof Core	02/19/29	N/A	N/A
029	Building 1003 - Bitumous Roof Core	02/19/30	N/A	N/A
030	Building 1003 - Bitumous Roof Core	02/19/31	N/A	N/A
031	Building 1003 - Roofing Plastic	02/19/32	N/A	N/A
032	Building 1003 - Roofing Plastic	02/19/33	N/A	N/A
033	Building 1003 - Roofing Plastic	02/19/34	N/A	N/A
034	Building 1004 - CMU Block & Mortar	02/19/35	N/A	N/A
035	Building 1004 - CMU Block & Mortar	02/19/36	N/A	N/A
036	Building 1004 - CMU Block & Mortar	02/19/37	N/A	N/A
037	Building 1004 - Exterior Building Sealant	02/19/38	N/A	N/A
038	Building 1004 - Exterior Building Sealant	02/19/39	N/A	N/A
039	Building 1004 - Exterior Building Sealant	02/19/19	N/A	N/A

Custody Information:

Samples Relinquished: [Signature] 2/19/19 Samples Received: [Signature] 02/19/19  
Signature/Date/Time Signature/Date/Time

Samples Relinquished: [Signature] 02/22/19 Samples Received: [Signature] 850 2/22/19  
Signature/Date/Time Signature/Date/Time



EMLab P&K  
 1501 West Knudsen Drive  
 Phoenix, AZ 85027  
 www.EMLabPK.com

Phone: 800-651-4802



002101810

### Continued Chain of Custody

Page:  of

Total # Samples Submitted:  Asbestos Analysis: PCM Airborne Fiber Count (NIOSH 7400)  PLM (EPA method 600/R-93-116)

Turn Around Time Codes - (TAT) Standard - 2 Day (Default)  Next Business Day  Same Business Day Rush  Weekend/Holiday

Sample Number:	Sample Location/Description:	Sample Date:	Start/Stop Time:	Sample Volume (L)
040	Building 1003 - Porch MB - Bitumous Roof Core	02/19/19	N/A	N/A
041	Building 1003 - Porch MB - Bitumous Roof Core	02/19/19	N/A	N/A
042	Building 1003 - Porch MB - Bitumous Roof Core	02/19/19	N/A	N/A
043	Building 1004 - Asphalt Single & Paper	02/19/20	N/A	N/A
044	Building 1004 - Asphalt Single & Paper	02/19/21	N/A	N/A
045	Building 1004 - Asphalt Single & Paper	02/19/22	N/A	N/A
046	Building 1004 - Roof Plastic	02/19/23	N/A	N/A
047	Building 1004 - Roof Plastic	02/19/24	N/A	N/A
048	Building 1004 - Roof Plastic	02/19/25	N/A	N/A
049	Building 1005 - CMU Block & Mortar	02/19/26	N/A	N/A
050	Building 1005 - CMU Block & Mortar	02/19/27	N/A	N/A
051	Building 1005 - CMU Block & Mortar	02/19/28	N/A	N/A
052	Building 1005 - Exterior Building Sealant	02/19/29	N/A	N/A
053	Building 1005 - Exterior Building Sealant	02/19/30	N/A	N/A
054	Building 1005 - Exterior Building Sealant	02/19/31	N/A	N/A
055	Building 1005 - Window Putty	02/19/32	N/A	N/A
056	Building 1005 - Window Putty	02/19/33	N/A	N/A
057	Building 1005 - Window Putty	02/19/34	N/A	N/A
058	Building 1005 - Asphalt Roof Shingle & Paper	02/19/35	N/A	N/A
059	Building 1005 - Asphalt Roof Shingle & Paper	02/19/36	N/A	N/A
060	Building 1005 - Asphalt Roof Shingle & Paper	02/19/37	N/A	N/A
061	Building 1005 - Roof Plastic	02/19/38	N/A	N/A
062	Building 1005 - Roof Plastic	02/19/39	N/A	N/A
063	Building 1005 - Roof Plastic	02/19/19	N/A	N/A

Custody Information:

Samples Relinquished: [Signature] 02/19/19 Samples Received: [Signature] 02/19/19

Samples Relinquished: [Signature] 02/22/19 Samples Received: [Signature] 02/22/19



EMLab P&K  
1501 West Knudsen Drive  
Phoenix, AZ 85027  
www.EMLabP&K.com

Phone: 800-651-4802



002101810

### Continued Chain of Custody

Page:  of

Total # Samples Submitted:  Asbestos Analysis: PCM Airborne Fiber Count (NIOSH 7400)  PLM (EPA method 600/R-93-116)

Turn Around Time Codes - (TAT) Standard - 2 Day (Default)  Next Business Day  Same Business Day Rush  Weekend/Holiday

Sample Number:	Sample Location/Description:	Sample Date:	Start/Stop Time:	Sample Volume (L)
064	Building 1005 - Covered Walkway Bituminous Core	02/19/19	N/A	N/A
065	Building 1005 - Covered Walkway Bituminous Core	02/19/19	N/A	N/A
066	Building 1005 - Covered Walkway Bituminous Core	02/19/19	N/A	N/A
067	Building 1005 - White Coated Roofing Plastic	02/19/20	N/A	N/A
068	Building 1005 - White Coated Roofing Plastic	02/19/21	N/A	N/A
069	Building 1005 - White Coated Roofing Plastic	02/19/22	N/A	N/A
070	Building 1006 - CMU Block & Mortar	02/19/23	N/A	N/A
071	Building 1006 - CMU Block & Mortar	02/19/24	N/A	N/A
072	Building 1006 - CMU Block & Mortar	02/19/25	N/A	N/A
073	Building 1006 - Exterior Building Sealant	02/19/26	N/A	N/A
074	Building 1006 - Exterior Building Sealant	02/19/27	N/A	N/A
075	Building 1006 - Exterior Building Sealant	02/19/28	N/A	N/A
076	Building 1006 - Window Putty	02/19/29	N/A	N/A
077	Building 1006 - Window Putty	02/19/30	N/A	N/A
078	Building 1006 - Window Putty	02/19/31	N/A	N/A
079	Building 1006 - Asphalt Roof Shingle & Paper	02/19/32	N/A	N/A
080	Building 1006 - Asphalt Roof Shingle & Paper	02/19/33	N/A	N/A
081	Building 1006 - Asphalt Roof Shingle & Paper	02/19/34	N/A	N/A
082	Building 1006 - Grey Roof Plastic	02/19/35	N/A	N/A
083	Building 1006 - Grey Roof Plastic	02/19/36	N/A	N/A
084	Building 1006 - Grey Roof Plastic	02/19/37	N/A	N/A
085	Building 1007 - Exterior Building Sealant	02/19/38	N/A	N/A
086	Building 1007 - Exterior Building Sealant	02/19/39	N/A	N/A
087	Building 1007 - Exterior Building Sealant	02/19/19	N/A	N/A

Custody Information:

Samples Relinquished:

*[Signature]* 2/19/19  
Signature/Date/Time

Samples Received:

*[Signature]* 02/19/19  
Signature/Date/Time

Samples Relinquished:

*[Signature]* 02/22/19  
Signature/Date/Time

Samples Received:

*[Signature]* 850 2/22/19  
Signature/Date/Time



EMLab P&K  
 1501 West Krudsen Drive  
 Phoenix, AZ 85027  
 www.EMLabPK.com

Phone: 800-651-4802



002101810

### Continued Chain of Custody

Page:  of

Total # Samples Submitted:  Asbestos Analysis:  PCM Airborne Fiber Count (NIOSH 7400)  PLM (EPA method 600/R-93-116)

Turn Around Time Codes - (TAT) Standard - 2 Day (Default)  Next Business Day  Same Business Day Rush  Weekend/Holiday

Sample Number:	Sample Location/Description:	Sample Date:	Start/Stop Time:	Sample Volume (L)
088	Building 1007 - Asphalt Roof Shingle & Paper	02/19/19	N/A	N/A
089	Building 1007 - Asphalt Roof Shingle & Paper	02/19/19	N/A	N/A
090	Building 1007 - Asphalt Roof Shingle & Paper	02/19/19	N/A	N/A
091	Building 1007 - Black Roof Plastic	02/19/20	N/A	N/A
092	Building 1007 - Black Roof Plastic	02/19/21	N/A	N/A
093	Building 1007 - Black Roof Plastic	02/19/22	N/A	N/A
094	Building 1007 - Grey Roof Plastic	02/19/23	N/A	N/A
095	Building 1007 - Grey Roof Plastic	02/19/24	N/A	N/A
096	Building 1007 - Grey Roof Plastic	02/19/25	N/A	N/A
097	Building 1003 - Gym Floor 9x9 Cork F/T & Mastic	02/19/26	N/A	N/A
098	Building 1003 - Gym Floor 9x9 Cork F/T & Mastic	02/19/27	N/A	N/A
099	Building 1003 - Gym Floor 9x9 Cork F/T & Mastic	02/19/28	N/A	N/A
100	Building 1008 - Exterior Building Sealant	02/19/29	N/A	N/A
101	Building 1008 - Exterior Building Sealant	02/19/30	N/A	N/A
102	Building 1008 - Exterior Building Sealant	02/19/31	N/A	N/A
103	Building 1008 - Bituminous Roof Core	02/19/32	N/A	N/A
104	Building 1008 - Bituminous Roof Core	02/19/33	N/A	N/A
105	Building 1008 - Bituminous Roof Core	02/19/34	N/A	N/A
106	Building 1011 - Exterior Building Sealant	02/19/35	N/A	N/A
107	Building 1011 - Exterior Building Sealant	02/19/36	N/A	N/A
108	Building 1011 - Exterior Building Sealant	02/19/37	N/A	N/A
109	Building 1011 - CMU Block & Mortar	02/19/38	N/A	N/A
110	Building 1011 - CMU Block & Mortar	02/19/39	N/A	N/A
111	Building 1011 - CMU Block & Mortar	02/19/19	N/A	N/A

Custody Information:

Samples Relinquished: [Signature] 2/19/19 Samples Received: [Signature] 02/19/19

Samples Relinquished: [Signature] 02/22/19 Samples Received: [Signature] 02/22/19



EMLab P&K  
1501 West Knaudsen Drive  
Phoenix, AZ 85027  
www.EMLabPK.com

Phone: 800-651-4802



002101810

### Continued Chain of Custody

Page:  of

Total # Samples Submitted:  Asbestos Analysis:  PCM Airborne Fiber Count (NIOSH 7400)  PLM (EPA method 600/R-93-116)

Turn Around Time Codes - (TAT) Standard - 2 Day (Default)  Next Business Day  Same Business Day Rush  Weekend/Holiday

Sample Number:	Sample Location/Description:	Sample Date:	Start/Stop Time:	Sample Volume (L)
112	Building 1011 - Asphalt Shingle & Paper	02/19/19	N/A	N/A
113	Building 1011 - Asphalt Shingle & Paper	02/19/19	N/A	N/A
114	Building 1011 - Asphalt Shingle & Paper	02/19/19	N/A	N/A
115	Building 1011 - Roof Plastic	02/19/19	N/A	N/A
116	Building 1011 - Roof Plastic	02/19/19	N/A	N/A
117	Building 1011 - Roof Plastic	02/19/19	N/A	N/A
118	Building 1013 - Plaster	02/19/19	N/A	N/A
119	Building 1013 - Plaster	02/19/19	N/A	N/A
120	Building 1013 - Plaster	02/19/19	N/A	N/A
121	Building 1013 - Cooler Sealant	02/19/19	N/A	N/A
122	Building 1013 - Cooler Sealant	02/19/19	N/A	N/A
123	Building 1013 - Cooler Sealant	02/19/19	N/A	N/A
124	Building 1013 - Bituminous Roof Core	02/19/19	N/A	N/A
125	Building 1013 - Bituminous Roof Core	02/19/19	N/A	N/A
126	Building 1013 - Bituminous Roof Core	02/19/19	N/A	N/A
127	Building 1013 - Bituminous Walk Pad	02/19/19	N/A	N/A
128	Building 1013 - Bituminous Walk Pad	02/19/19	N/A	N/A
129	Building 1013 - Bituminous Walk Pad	02/19/19	N/A	N/A
130	Building 1013 - Roofing Plastic	02/19/19	N/A	N/A
131	Building 1013 - Roofing Plastic	02/19/19	N/A	N/A
132	Building 1013 - Roofing Plastic	02/19/19	N/A	N/A
133	Building 1003 - 12x12 Grey F/T VCT & Mastic	02/19/19	N/A	N/A
134	Building 1003 - 12x12 Grey F/T VCT & Mastic	02/19/19	N/A	N/A
135	Building 1003 - 12x12 Grey F/T VCT & Mastic	02/19/19	N/A	N/A

Custody Information:

Samples Relinquished: [Signature] 2/19/19 Samples Received: [Signature] 02/19/19

Samples Relinquished: [Signature] 02/22/19 Samples Received: [Signature] BSO 2/22/19



Report for:

**Mike Crow**  
**Red Tree Consulting, LLC**  
7845 E. Redfield Rd. Suite 100  
Scottsdale, AZ 85260

---

Regarding: Project: 2019 Wenden ES; Wenden  
EML ID: 2101810

Approved by:

Dates of Analysis:  
Asbestos-EPA 400 point count: 03-06-2019

Approved Signatory  
Renee Luna-Trepczynski

Service SOPs: Asbestos-EPA 400 point count (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1262)

---

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 03-06-2019

**ASBESTOS POINT COUNT REPORT**

Location:	055 Building 1005 -Window Putty		
Total Points Counted:	400		
Lab ID-Version‡:	9966880-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
White Window Putty with Multilayered Paint	Chrysotile	0	< 0.25
<b>Layer Totals:</b>		0	NA

Location:	056 Building 1005 -Window Putty		
Total Points Counted:	400		
Lab ID-Version‡:	9966881-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
White Window Putty with Multilayered Paint	Chrysotile	0	< 0.25
<b>Layer Totals:</b>		0	NA

Location:	057 Building 1005 -Window Putty		
Total Points Counted:	400		
Lab ID-Version‡:	9966882-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
White Window Putty with Multilayered Paint	Chrysotile	1	0.25
<b>Layer Totals:</b>		1	0.25

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 03-06-2019

**ASBESTOS POINT COUNT REPORT**

Location:	076 Building 1006 -Window Putty		
Total Points Counted:	400		
Lab ID-Version‡:	9966883-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
Light Brown Window Putty with Beige Paint	Chrysotile	2	0.5
<b>Layer Totals:</b>		2	0.5

Location:	077 Building 1006 -Window Putty		
Total Points Counted:	400		
Lab ID-Version‡:	9966884-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
Light Brown Window Putty with Beige Paint	Chrysotile	2	0.5
<b>Layer Totals:</b>		2	0.5

Location:	078 Building 1006 -Window Putty		
Total Points Counted:	400		
Lab ID-Version‡:	9966885-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
Light Brown Window Putty with Beige Paint	Chrysotile	3	0.75
<b>Layer Totals:</b>		3	0.75

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Red Tree Consulting, LLC  
 C/O: Mike Crow  
 Re: 2019 Wenden ES; Wenden

Date of Sampling: 02-19-2019  
 Date of Receipt: 02-22-2019  
 Date of Report: 03-06-2019

**ASBESTOS POINT COUNT REPORT**

Location:	131 Building 1013 -Roofing Plastic		
Total Points Counted:	400		
Lab ID-Version‡:	9966886-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
Black Roofing Mastic with White Pebbles	Chrysotile	3	0.75
<b>Layer Totals:</b>		3	0.75

Location:	132 Building 1013 -Roofing Plastic		
Total Points Counted:	400		
Lab ID-Version‡:	9966887-1		
<b>Sample Layers</b>	<b>Asbestos Type</b>	<b>Asbestos Points Counted</b>	<b>Asbestos Concentration (%)</b>
Black Roofing Mastic with White Pebbles	Chrysotile	4	1
<b>Layer Totals:</b>		4	1

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government.

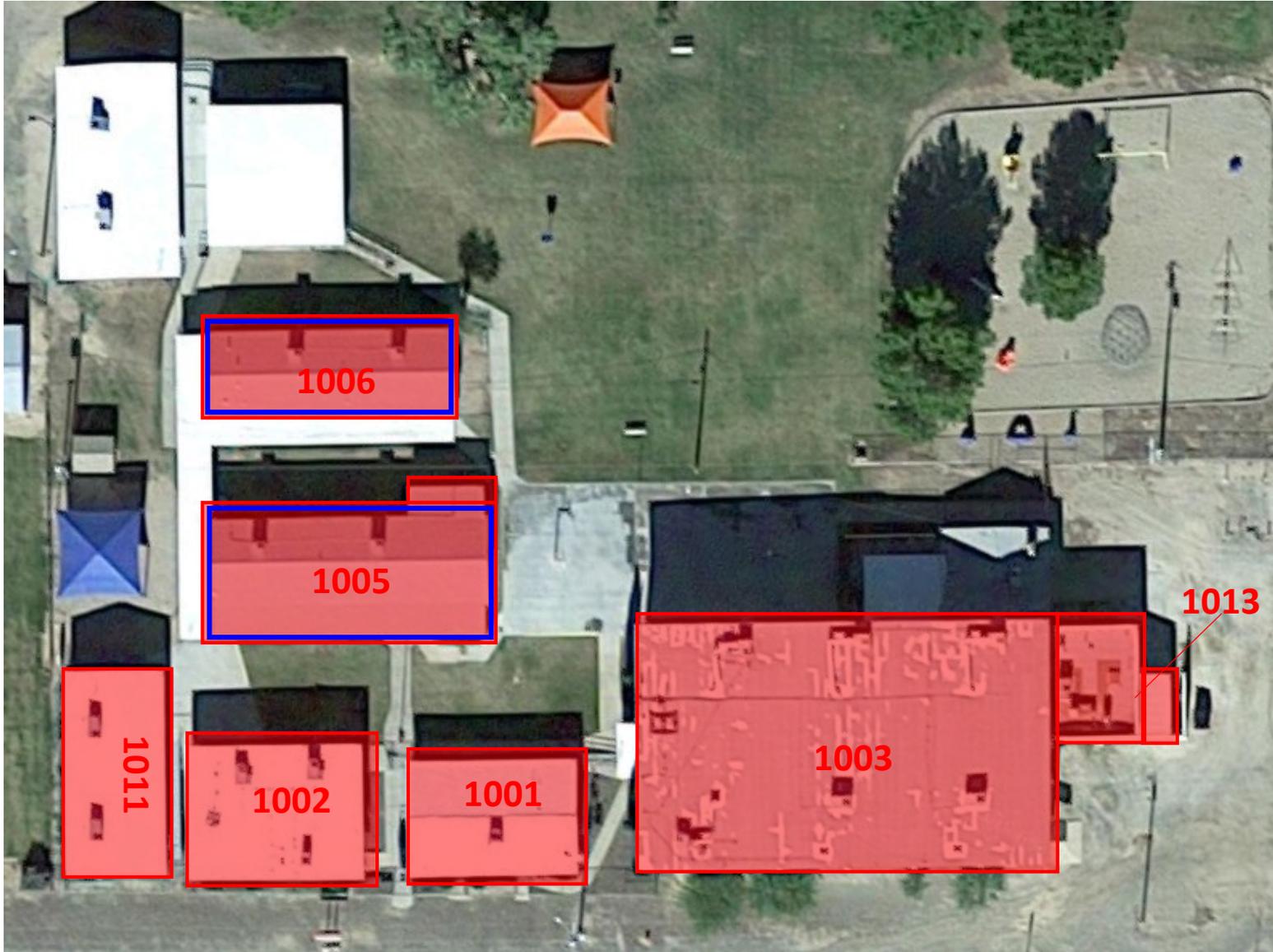
All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

SECTION 6



ASBESTOS-CONTAINING MATERIAL  
&  
<1% ASBESTOS MATERIAL LOCATION MAP



### Asbestos-Containing Material Location

- Building 1001**  
 Roof Plastic
  
- Building 1002**  
 Bituminous Roof Core –Black Shingle with White Pebbles Layer  
 Roof Plastic
  
- Building 1003**  
 Porch MB Bituminous Roof Core – Black Roofing Mastic Layer
  
- Building 1005**  
 Roof Plastic  
 White Coated Roof Plastic  
 Exterior Building Sealant
  
- Building 1006**  
 Grey Roof Plastic
  
- Building 1011**  
 Roof Plastic
  
- Building 1013**  
 Roof Plastic

### <1% Asbestos Material Location

- Building 1005**  
 Window Putty
  
- Building 1006**  
 Window Putty

SECTION 7



NESHAP NOTIFICATION INFORMATION SHEET

## NESHAP NOTIFICATION INFORMATION SHEET

Wenden Elementary School  
71001 Santa Fe Avenue  
Wenden, Arizona 85357

Property Owner: Wenden Elementary School District

Inspection Date: 02/18/19

Laboratory: EMLab P&K

Number of Samples: 135

Date Analyzed: 02/26/19-02/27/19

### Inspector Certification

Name: Michael Crow  
Training Provider: The Asbestos Institute  
Certification Number: 4646-4283-031918  
Expiration Date: March 19, 2019

The following building materials were reported by laboratory PLM analysis to contain asbestos.

Sample No.	Building	Material	NESHAP Category	OSHA Classification	Estimated Quantity	Laboratory Analysis Results
008,009	1001	Roof Plastic	Cat. I	N/A	TBD	5%-7% Chrysotile (PLM)
016,017,018	1002	Bituminous Roof Core (Black Roofing Shingle with White Pebbles Layer)	Cat. I	Class II	TBD	2% Chrysotile (PLM)
019,020,021	1002	Roof Plastic	Cat. I	N/A	TBD	3%-5% Chrysotile (PLM)
040,041,042	1003	Porch MB Bituminous Roof Core (Black Roofing Mastic Layer)	Cat. I	N/A	TBD	4%-7% Chrysotile (PLM)
055,056,057	1005	Window Putty			TBD	<1% Chrysotile (PLM) <0.25-0.25% Chrysotile (PC)
061	1005	Roof Plastic	Cat. I	N/A	TBD	5% Chrysotile (PLM)
067,068,069	1005	White Coated Roof Plastic	Cat. I	N/A	TBD	4%-7% Chrysotile (PLM)
075	1005	Exterior Building Sealant	Cat. II	Class II	TBD	4% Chrysotile (PLM)
076,077,078	1006	Window Putty			TBD	<1% Chrysotile (PLM) 0.5%-0.75% Chrysotile (PC)
083	1006	Grey Roof Plastic	Cat. I	N/A	TBD	10% Chrysotile (PLM)
117	1011	Roofing Plastic	Cat. I	N/A	TBD	10% Chrysotile (PLM)
131,132	1013	Roofing Plastic	Cat. I	N/A	TBD	<1% Chrysotile (PLM) 0.75%-1.0% Chrysotile (PC)

## SECTION 8



## GENERAL NOTES/EXCLUSIONS

## **GENERAL NOTES/EXCLUSIONS**

- Wenden Elementary School District outlined the areas and the materials scheduled to be disturbed during the upcoming renovation activities, instructed RTC to only collect bulk samples of the outlined materials, and to have those samples analyzed for the presence of asbestos fibers by a qualified laboratory.
- This was a limited inspection and those areas and materials not specifically identified in this report were not inspected; nor any area outside the specific area described herein.
- If any un-sampled suspect building materials are discovered during the demolition and/or renovation activities, those materials should be properly sampled by a certified inspector and analyzed by a qualified laboratory prior to their disturbance.

SECTION 9



INSPECTOR CERTIFICATION

---

---

# THE ASBESTOS INSTITUTE

*Certifies that*

## Michael Crow

has attended and received instruction in the EPA approved course

# AHERA Building Inspector Refresher

on

## March 19, 2018

and successfully completed and passed the competency exam.

4646-4283-031918

Date of Examination:  
19-Mar-2018

Date of Expiration:  
19-Mar-2019



William T. Cavness  
Director



Approved Instructor

---

### THE ASBESTOS INSTITUTE

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027  
602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

*This training meets all requirements for asbestos certification under Toxic Substance Control Act Title II.*

SECTION 10



LABORATORY CERTIFICATION

United States Department of Commerce  
National Institute of Standards and Technology



**Certificate of Accreditation to ISO/IEC 17025:2005**

**NVLAP LAB CODE: 500031-0**

**EMLab P&K**  
Phoenix, AZ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2019-01-01 through 2019-12-31

*Effective Dates*



  
For the National Voluntary Laboratory Accreditation Program



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**EMLab P&K**  
1501 W. Knudsen Dr.  
Phoenix, AZ 85027-1307  
Mr. Dan Shelby  
Phone: 623-298-1015  
Email: [dshelby@emlabpk.com](mailto:dshelby@emlabpk.com)  
<http://www.emlab.com>

**ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 500031-0**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

A handwritten signature in blue ink, appearing to read "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program