

July 12, 2011

LAKE COUNTY DEPARTMENT OF PUBLIC WORKS

437 Ardice Avenue
Eustis, Florida 32726

Attn: Ms. Lori L. Conway
Project Manager

Re: **NESHAP Asbestos Demolition Survey (Revised)**
Vacant Residence
405 North Dixie Avenue
Fruitland Park, Lake County, Florida

PSI Project No. 06631003

Dear Ms. Conway:

Professional Service Industries, Inc. (PSI) was retained by the Lake County Department of Public Works to conduct a National Emissions Standards for Hazard Air Pollutants (NESHAP) asbestos demolition survey for suspect asbestos-containing materials (ACMs) that will be impacted during the upcoming demolition at the above-referenced site.

PSI conducted this survey in general accordance with standards established by the United States Environmental Protection Agency (EPA). By initiating this project, the Lake County Department of Public Works has sought to comply with current regulations concerning asbestos.

The asbestos survey was conducted on June 15, 2011 by an EPA accredited asbestos inspector, Mr. Daniel J. Townsend of PSI (Asbestos Inspector Certificate No. 7ME07081001AIR0026), who was responsible for asbestos sample collection for this project.

During the asbestos survey, a total of 20 samples of suspect ACMs were collected and submitted for laboratory analysis by Polarized Light Microscopy (PLM). The EPA considers a homogeneous material to be ACM if it is determined to contain greater than one percent (>1%) asbestos. **Asbestos fibers were detected at a concentration of >1% in the following sampled materials:**

- **12-inch x 12-inch Beige Floor Tile with Brown Streaks**
- **Gray Cementitious Exterior Siding**
- **White Window Glazing**

The EPA and the Occupational Safety and Health Administration (OSHA) define asbestos containing material as any material which contains >1% asbestos. The EPA point count method allows a sample in which asbestos was visually detected, but which is visually estimated to have ten percent or less ($\leq 10\%$) asbestos, to be quantified using a point count procedure. If not point counted, a sample in which asbestos was visually detected and estimated (including trace to $\leq 1\%$) must be assumed to be >1% and treated as an ACM.

The following table lists each material sampled, sample location, total approximate quantity of material observed in the section of the building where it was sampled and type and percent of asbestos, if any.

| Sample No. | Material Description | Sample Location | Approximate Quantity | % Asbestos Type |
|------------|--|-----------------------------|-------------------------|---|
| 1 | Drywall and Joint Compound | Kitchen | 2,000 SF ⁽¹⁾ | Drywall-NAD ⁽²⁾ / Joint Compound- <1% Chrysotile |
| 2 | | Bedroom | | Drywall-NAD / Joint Compound- <1% Chrysotile |
| 3 | Wall Material | Bathroom | 100 SF | NAD |
| 4 | | Bathroom | | NAD |
| 5 | 12"x12" Beige Floor Tile w/ Brown Streaks and Tan Mastic | Kitchen | 400 SF | Floor Tile-2% Chrysotile / Mastic-NAD |
| 6 | | Living Room | | Floor Tile-2% Chrysotile / Mastic-NAD |
| 7 | 12"x12" Tan Rectangle Pattern Floor Tile | Bathroom | 50 SF | NAD |
| 8 | | Bathroom | | NAD |
| 9 | Brown Fibrous Attic Insulation | Kitchen | 725 SF | NAD |
| 10 | | Kitchen | | NAD |
| 11 | Cementitious Siding Panels | Exterior - SW Corner | 450 SF | 20% Chrysotile |
| 12 | | Exterior - NW Corner | | NA ⁽³⁾ |
| 13 | Black Moisture Barrier Felt | Exterior - SW Corner | 450 SF | NAD |
| 14 | | Exterior - NW Corner | | NAD |
| 15 | Window Glazing | Exterior - South Window | 45 SF | 2% Chrysotile |
| 16 | | Exterior - NW Window | | NA |
| 17 | Brick Mortar | Exterior - South Pillar | 35 SF | NAD |
| 18 | | Exterior - NW Corner Pillar | | NAD |



| Sample No. | Material Description | Sample Location | Approximate Quantity | % Asbestos Type |
|---|--|-------------------|----------------------|-----------------|
| 19 | Asphalt Roof Shingles and Black Roofing Felt | Roof - SE Corner | 800 SF | NAD |
| 20 | | Roof - East Porch | | NAD |
| (1) SF – Square Feet (2) NAD - No asbestos detected (3) NA - Not analyzed | | | | |

A copy of the laboratory analytical results has been provided in Attachment A.

Conclusions and Recommendations

Asbestos fibers were detected at a concentration of >1% by PLM analysis in the following sampled materials:

- 12-inch x 12-inch Beige Floor Tile with Brown Streaks
- Gray Cementitious Exterior Siding
- White Window Glazing

Asbestos-containing floor tiles in good condition are considered to be Category I non-friable ACMs as per the U.S. EPA NESHAP 40 Code of Federal Regulations (CFR) Part 61, Subpart M and State of Florida, Department of Environmental Protection (FDEP) Chapter 62-257 – Asbestos Program. “Friability” refers to the propensity of a material to crumble under hand pressure when dry. The materials were observed to be in good condition. The State of Florida allows Category I non-friable materials in good condition to be wet demolished under current regulations, with the entire waste stream considered non-regulated asbestos waste as per the EPA. This work must be performed by a contractor who has workers and a supervisor trained for Class II asbestos work activities as per OSHA. If this option is chosen, PSI recommends documentary air monitoring during wet demolition activities to verify compliance with U.S. EPA NESHAP 40 CFR Part 61, Subpart M. If the buildings will be burned or if the waste is to be recycled, asbestos-containing materials must be removed prior to demolition.

Asbestos-containing cementitious exterior siding in good condition is considered to be a Category II non-friable ACM as per EPA NESHAP 40 CFR Part 61, Subpart M and FDEP Chapter 62-257 – Asbestos Program. Category II non-friable materials pose a greater danger of producing airborne fibers during demolition activities than Category I non-friable materials and are therefore considered more hazardous. FDEP requires that, prior to disturbance, asbestos-containing cementitious panels be removed by a Florida licensed asbestos abatement contractor to comply with EPA NESHAP 40 CFR Part 61, Subpart M. PSI recommends documentary air monitoring to verify compliance with this federal regulation.

Window glazing is considered to be a Category II non-friable ACM as per the EPA NESHAP 40 CFR Part 61, Subpart M and FDEP Chapter 62-257 – Asbestos Program. However, due to scheduled demolition activities, this material may be considered a regulated asbestos-containing material (RACM) because it has a high probability of becoming crumbled, pulverized, or reduced to powder by the forces expected to act on the material. As such, PSI recommends it be removed by a Florida licensed asbestos abatement contractor prior to demolition activities.



Please note that analyses of the drywall and joint compound samples by PLM indicated that the joint compound contained <1% asbestos fibers. As such, PSI requested that point count analysis be performed on the drywall joint compound. Upon approval from the client, the drywall joint compound was laboratory analyzed using the PLM 400 Point Count Procedure referenced in EPA 600/M4-82-020 (1987) and EPA 600/R-93/116 (1993). The drywall joint compound was determined to contain <1% asbestos fibers by point counting methodology and is not considered to be an ACM.

Although materials containing $\leq 1\%$ asbestos are not regulated by the EPA, U.S. Occupational Safety and Health Administration (OSHA) regulations still apply to the disturbance of materials containing any percentage of asbestos fibers. Per EPA's regulations, materials which have been point-counted and, therefore, quantitatively determined to have $\leq 1\%$ asbestos, can be treated as non-ACM. However, OSHA regulations governing the demolition of materials containing <1% asbestos include wet demolition, prompt clean up of disturbed materials, and monitoring exposure of employees. PSI also recommends documentary air monitoring during wet demolition activities.

Due to the complexity of meeting the requirements regarding asbestos regulations, PSI recommends that all ACMs be removed prior to demolition.

It should be noted that a Notice of Asbestos Renovation or Demolition form is required to be filed with the appropriate district office of the Florida Department of Environmental Protection (FDEP) at least ten business days prior to starting demolition of a structure, even if no ACM was identified within the building or if ACM is removed prior to demolition. During demolition activities, at least one asbestos trained employee should be on-site, even if no ACM was identified during the building survey or the identified ACM has been removed. This person should have the authority to stop the work if additional suspect materials are discovered or the contractor is not performing the work in accordance with the NESHAP requirements.

A separate Notice of Asbestos Renovation or Demolition form is required to be filed with the FDEP at least 10 business days before beginning removal of the RACM from the building. If applicable, the FDEP will invoice the party identified on the notification form for the notification fee, which is determined based on the quantity of RACM being removed.

Please note, if different suspect materials are identified during renovation activities that were inaccessible and not identified during the limited asbestos survey, they must be tested or assumed to contain asbestos.

Warranty

PSI warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of this preparation, as applied by similar professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

This report was prepared pursuant to authorization received by Ms. Lori Conway in reference to PSI Proposal No. PO-0663-46166 dated May 31, 2011 and in accordance with Lake County Purchase Order No. 20111246. That contractual relationship included an exchange of information about the property that was unique and between PSI and its client and serves as the



basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance on any use of this report by anyone other than the Lake County Department of Public Works, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance on or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with the Lake County Department of Public Works. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

The survey and analytical methods have been used to provide the client with information regarding the presence of the parameters tested in the facility at the time of study. Test results are valid only for the locations sampled. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit. This inspection covered only those areas that were physically accessible to the inspector. The study is also limited to the information provided by the client at the time the survey was conducted.

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminants in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.

PSI appreciates the opportunity to provide the Lake County Department of Public Works with asbestos consulting services on this important project. Please do not hesitate to contact the undersigned at 407-304-5560 with any questions or comments regarding the information presented above. We look forward to working with you again in the future.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.



Daniel J. Townsend
Project Specialist

Jeremy Jernigan, CSP, CHMM
Florida Licensed Asbestos Consultant
License No. AX73

Attachments



ATTACHMENT A
REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS



REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

TESTED FOR: PSI, Inc.
 1748 33rd Street
 Orlando, FL 32839
 Attn: Dan Townsend

Project ID: 06631003
 Lake Co. Public Works
 405 & 409 N. Dixie Avenue
 Fruitland Park, FL

Date Received: 6/17/2011

Date Completed: 6/21/2011

Date Reported: 6/22/2011

Analyst: DA

Work Order: 1106423

Page: 1 of 2

| Client ID | Lab ID (Layer) | Sample Description (Color, Texture, Etc.) <i>Analyst's Comment</i> | Asbestos Content (Percent and Type) | Non-asbestos Fibers (Percent and Type) |
|-----------|----------------|--|--|--|
| A-1 | 001A | (1) Gray, Drywall, Homogeneous (2) Beige, Joint Compound, Homogeneous | NO ASBESTOS DETECTED < 1% Chrysotile | 10% Cellulose Fiber None Reported |
| A-2 | 002A | (1) Gray, Drywall, Homogeneous (2) Beige, Joint Compound, Homogeneous | NO ASBESTOS DETECTED < 1% Chrysotile | 10% Cellulose Fiber None Reported |
| B-3 | 003A | (1) Gray, Other, Homogeneous <i>Wall Material</i> | NO ASBESTOS DETECTED | 15% Cellulose Fiber |
| B-4 | 004A | (1) Gray, Other, Homogeneous <i>Wall Material</i> | NO ASBESTOS DETECTED | 15% Cellulose Fiber |
| C-5 | 005A | (1) Beige, Floor Tile, Homogeneous (2) Yellow, Mastic, Homogeneous | 2% Chrysotile NO ASBESTOS DETECTED | None Reported None Reported |
| C-6 | 006A | (1) Beige, Floor Tile, Homogeneous (2) Yellow, Mastic, Homogeneous | 2% Chrysotile NO ASBESTOS DETECTED | None Reported None Reported |
| D-7 | 007A | (1) Tan, Floor Tile, Homogeneous (2) Transparent, Mastic, Homogeneous | NO ASBESTOS DETECTED NO ASBESTOS DETECTED | None Reported None Reported |
| D-8 | 008A | (1) Tan, Floor Tile, Homogeneous (2) Transparent, Mastic, Homogeneous | NO ASBESTOS DETECTED NO ASBESTOS DETECTED | None Reported None Reported |
| E-9 | 009A | (1) Yellow, Insulation, Homogeneous | NO ASBESTOS DETECTED | 100% Fibrous Glass |
| E-10 | 010A | (1) Yellow, Insulation, Homogeneous | NO ASBESTOS DETECTED | 100% Fibrous Glass |

Quantitation is based on a visual estimation of the relative area of bulk sample components, unless otherwise noted in the "Comments" section of this report. The results are valid only for the item tested. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Method used: E.P.A. Method for the Determination of Asbestos in Bulk Building Materials (EPA / 600/R-93/116 July 1993). Polarized Light Microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if the material can be considered or treated as non-asbestos containing. Samples will be disposed of within 30 days unless notified in writing by the client. No part of this report may be reproduced, except in full, without written permission of the laboratory. The reporting limit is 1% by weight. NVLAP Lab Code 101350-0.

Respectfully submitted,
 PSI, Inc.



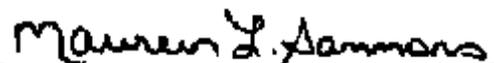
Approved Signatory
 Maureen Sammons

| Client ID | Lab ID (Layer) | Sample Description (Color, Texture, Etc.) <i>Analyst's Comment</i> | Asbestos Content (Percent and Type) | Non-asbestos Fibers (Percent and Type) |
|-----------|-------------------|--|--|--|
| F-11 | 011A | (1) Gray, Cementitious Material, Homogeneous <i>Siding</i> | 20% Chrysotile | None Reported |
| F-12 | 012A | Sample Not Tested | | |
| G-13 | 013A | (1) Black, Felt, Homogeneous | NO ASBESTOS DETECTED | 65% Cellulose Fiber |
| G-14 | 014A | (1) Black, Felt, Homogeneous | NO ASBESTOS DETECTED | 65% Cellulose Fiber |
| H-15 | 015A | (1) Gray, Glazing, Homogeneous | 2% Chrysotile | None Reported |
| H-16 | 016A | Sample Not Tested | | |
| I-17 | 017A | (1) Gray, Mortar, Homogeneous | NO ASBESTOS DETECTED | None Reported |
| I-18 | 018A | (1) Gray, Mortar, Homogeneous | NO ASBESTOS DETECTED | None Reported |
| J-19 | 019A | (1) Black, Shingle, Homogeneous (2) Black, Felt, Homogeneous | NO ASBESTOS DETECTED NO ASBESTOS DETECTED | 10% Fibrous Glass None Reported |
| J-20 | 020A | (1) Black, Shingle, Homogeneous (2) Black, Felt, Homogeneous | NO ASBESTOS DETECTED NO ASBESTOS DETECTED | 10% Fibrous Glass None Reported |

Report Notes: (PT) Point Count Results

Quantitation is based on a visual estimation of the relative area of bulk sample components, unless otherwise noted in the "Comments" section of this report. The results are valid only for the item tested. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Method used: E.P.A. Method for the Determination of Asbestos in Bulk Building Materials (EPA / 600/R-93/116 July 1993). Polarized Light Microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy is currently the only method that can be used to determine if the material can be considered or treated as non-asbestos containing. Samples will be disposed of within 30 days unless notified in writing by the client. No part of this report may be reproduced, except in full, without written permission of the laboratory. The reporting limit is 1% by weight. NVLAP Lab Code 101350-0.

Respectfully submitted,
PSI, Inc.



Approved Signatory
Maureen Sammons

1106423(2) CHAIN OF CUS'

DY RECORD



PROJECT NAME: Lake Co. Public Works
 405 and 409 North Dixie Avenue
 Fruitland Park, Florida
 PROJECT NUMBER: 06631003
 REPORT TO: PSI, INC.
 PROJECT MANAGER:
 Dan Townsend
 ADDRESS:
 1748 33rd Street
 Orlando, FL 32839
 CITY/STATE/ZIP:
 Orlando, FL 32839
 REQUIRED DUE DATE (MM-DD-YY):
 06-23-11
 SAMPLES TO LAB VIA: Fed-Ex
 NUMBER OF COOLERS:
 REPORT VIA: US MAIL/OVERNIGHT
 CELLULAR: 407-956-0711
 VERBAL: 6/17/11
 REPORT BY & DATE: [Signature] 6/17/11
 9:58 AM
 LABORATORY USE ONLY
 DATE/TIME

LABORATORY SUBMITTED TO:
 850 Poplar Street
 Pittsburgh, PA 15220
 (412) 922-4000

| LABORATORY USE ONLY | REPORT DUE DATE | LABORATORY USE ONLY |
|---------------------|---------------------|-----------------------|
| INORGANIC SECT | ROW | ORGANIC SECT |
| ROW | ROW | ROW |
| PSI PROJECT NAME | PSI PROJECT # | PSI BATCH # |
| SHIPPING Y/N \$ | LABORATORY USE ONLY | FIELD SERVICES Y/N \$ |

| HSA | SAMPLE No. | SAMPLE DESCRIPTION | DATE | Analysis | LAB USE ONLY LAB # | LOCATION |
|-----|------------|-------------------------------|----------|----------|--------------------|---------------|
| A | 1 | DRYWALL & JOINT CMPD. | 06-15-11 | PLM | | 405 - KITCHEN |
| | 2 | ↓ | 06-15-11 | PLM | | BEDROOM |
| B | 3 | WALL MATERIAL | 06-15-11 | PLM | | - BATHROOM |
| | 4 | ↓ | 06-15-11 | PLM | | ↓ |
| C | 5 | 12"X12" BEIGE FLOOR TILE w/ | 06-15-11 | PLM | | - KITCHEN |
| | 6 | BROWN STREAKS & MASTIC | 06-15-11 | PLM | | LIVING ROOM |
| D | 7 | 12"X12" TAN RECTANGLE | 06-15-11 | PLM | | - BATHROOM |
| | 8 | PATTERN SELF-STICK FLOOR TILE | 06-15-11 | PLM | | ↓ |
| E | 9 | FIBROUS ATTIC INSULATION | 06-15-11 | PLM | | KITCHEN |
| | 10 | ↓ | 06-15-11 | PLM | | ↓ |

SAMPLER'S SIGNATURE: [Signature]
 79721199557

ADDITIONAL REMARKS: Stop at 1st HSA positive. Analyze each layer.

1106423

CHAIN OF CUS'

DY RECORD



PROJECT NAME: Lake Co. Public Works
 405 and 409 North Dixie Avenue
 Fruitland Park, Florida

REPORT TO: PSI, INC.
 PROJECT MANAGER:
 Dan Townsend

ADDRESS:
 1748 33rd Street
 Orlando, FL 32839

CELLULAR: 407-956-0711
 REPORT VIA VERBAL
 US MAIL/OVERNIGHT FAX

ACCEPTED BY & DATE:
 6/17

JOB TO: PSI, INC.
 ADDRESS:
 1748 33rd Street
 Orlando, FL 32839

ATTENTION:
 Dan Townsend

TELEPHONE: 407-304-5560
 FAX:
 407-304-5561

LABORATORY SUBMITTED TO:

850 Poplar Street
 Pittsburgh, PA 15220
 (412) 922-4000

PROJECT NUMBER: 06631003
 REQUIRED DUE DATE (MM-DD-YY): 06-23-11
 SAMPLES TO LAB VIA: Fed-Ex
 NUMBER OF COOLERS:
 RELINQUISHED BY & DATE:
 SAMPLE CUSTODIAN:  6/16/11

| LABORATORY USE ONLY | | REPORT DUE DATE | LABORATORY USE ONLY |
|---------------------|------------|---------------------------------------|---------------------|
| DATE/TIME | | INORGANIC SECT | ORGANIC SECT |
| DATE/TIME | | ROW | ROW |
| DATE/TIME | | PSI PROJECT NAME | PSI PROJECT # |
| DATE/TIME | | PSI PROJECT # | PSI BATCH # |
| HSA | SAMPLE No. | SAMPLE DESCRIPTION | DATE |
| F | 11 | CEMENTITIOUS SIDING ↓ | 06-15-11 |
| G | 12 | BACK NOISTURE BARRIER FELT ↓ | 06-15-11 |
| H | 13 | WINDOW GLAZING GLAZING ↓ | 06-15-11 |
| I | 14 | BRICK MORTAR ↓ | 06-15-11 |
| J | 15 | ASPHALT ROOF SHINGLES AND BACK FELT ↓ | 06-15-11 |
| | 16 | | 06-15-11 |
| | 17 | | 06-15-11 |
| | 18 | | 06-15-11 |
| | 19 | | 06-15-11 |
| | 20 | | 06-15-11 |

LABORATORY USE ONLY

405 N DIXIE AVE - EXTERIOR (450 SF)

EXTERIOR

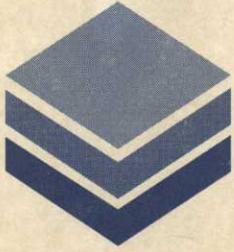
ROOF

ADDITIONAL REMARKS: Stop at 1st HSA positive. Analyze each layer.

SAMPLER'S SIGNATURE: 

APPENDIX B
STAFF AND LABORATORY CERTIFICATIONS





M·E·T·A
 Mayhew Environmental Training Associates
 I N C O R P O R A T E D

Certificate # 7ME07081001AIR0026

This is to certify that

Daniel Townsend

*has on 7/8/10, in Tampa, FL
 completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 U.S.C. 2646*

AHERA Asbestos Building Inspector Refresher Course

*as approved by the State of Florida and the U.S.E.P.A. under 40 C.F.R. 763 (AHERA)
 on 7/8/10 - 7/8/10 and passed the associated examination on 7/8/10
 with a score of 70% or better*

CM = 0.5



Provider #: FL49-0001221
 Course #: FL49-0004718

Soc. Sec #: XXX-XX-1463
 Accreditation Expires: 7/8/11

Robert W. Brooks

Instructor
 Robert Brooks

Thomas Bradford Mayhew

President
 Thomas Bradford Mayhew

META - P.O. Box 786 - Lawrence KS 66044 - 800-444-6382



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

JERNIGAN, JEREMY RYAN
PROFESSIONAL SERVICE INDUSTRIES INC
810 SOUTH "J" STREET
PENSACOLA FL 32502

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation.

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Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers.



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

AC# 5150629

AX73

08/31/10 108059333

ASBESTOS CONSULTANT
JERNIGAN, JEREMY RYAN
PROFESSIONAL SERVICE INDUSTRIES

IS LICENSED under the provisions of Ch. 469 FS.
Expiration date: NOV 30, 2012 L10083106709

DETACH HERE

AC# 5150629

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

SEQ# L10083106709

Table with 3 columns: DATE, BATCH NUMBER, LICENSE NBR. Row 1: 08/31/2010, 108059333, AX73

The ASBESTOS CONSULTANT
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2012

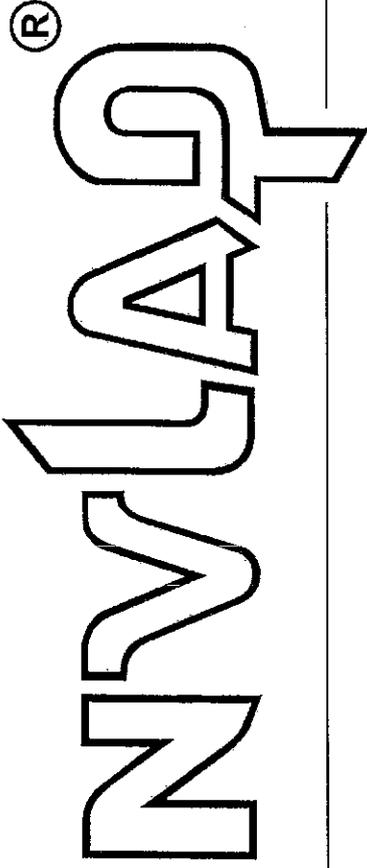
JERNIGAN, JEREMY RYAN
PROFESSIONAL SERVICE INDUSTRIES INC
175 SOUTH "A" STREET
PENSACOLA FL 32502

CHARLIE CRIST
GOVERNOR

CHARLIE LIEM
SECRETARY

DISPLAY AS REQUIRED BY LAW

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101350-0

PSI
Pittsburgh, PA

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

BULK 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 Communique dated January 2009).

2011-07-01 through 2012-06-30

Effective dates



Dolly S. Bruce
For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PSI

850 Poplar Street

Pittsburgh, PA 15220

Ms. Catherine McNamee

Phone: 412-922-4010 x286 Fax: 412-922-4014

E-Mail: cathy.mcnamee@psiusa.com

URL: <http://www.psiusa.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101350-0

NVLAP Code Designation / Description

18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2011-07-01 through 2012-06-30

Effective dates

For the National Institute of Standards and Technology