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Environmental Services, Inc.

August 23, 2010

Ms. Terri Desantels  
 Wayne County Executive Office  
 Senior Executive Project Manager  
 600 Randolph Street  
 Detroit, MI 48226

**RE: HAZARDOUS MATERIALS SURVEY REPORT  
 WAYNE COUNTY LAND BANK PROPERTIES  
 18400 GALLAGHER STREET  
 DETROIT, MICHIGAN  
 PERFORMANCE PROJECT # 101425**

Dear Ms. Desantels:

In accordance with your request, Performance Environmental Services, Inc. conducted a hazardous materials survey of the tax reverted property located at 18400 Gallagher Street in Detroit, Michigan. To complete the survey, EPA certified and Michigan Department of Energy, Labor and Economic Growth (MDELEG) accredited Asbestos Building Inspectors performed an on-site investigation of the property and collected samples suspected of containing asbestos in accessible areas within the building. The purpose of the survey was to note the presence of materials that have the potential to become hazardous during demolition and to locate and to identify building materials suspected of containing asbestos. The suspected asbestos-containing samples were analyzed at a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory using Polarized Light Microscopy (PLM).

As a result of our survey and laboratory analysis, **the following hazardous and asbestos-containing materials were identified:**

Hazardous Material		
Material	~ Quantity	Location
Fluorescent light bulb	19	South room, east foyer
Fluorescent light fixture	9	South room, east foyer
Floor tile adhesive – 1 gallon	1	North center room
Thermostat	1	East foyer

HA #	Material Description	Asbestos-Containing Material	Location	Abatement Recommendation	~ Quantity
2	Chimney penetration putty	Putty	Southeast room chimney	<b>Abatement required</b>	2 ft <sup>2</sup>
5	Gasket material on 'Reznor' furnaces	Gasket material	South room, north offices	No abatement required*	12 ft <sup>2</sup> 2 units

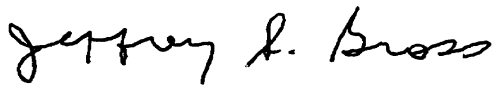
HA #	Material Description	Asbestos-Containing Material	Location	Abatement Recommendation	~ Quantity
6	Exterior window glaze	Glaze	East windows	<b>Abatement required</b>	9 windows 5 ft <sup>2</sup>
7	Exterior window and door caulk	Caulk	East windows and doors	<b>Abatement required</b>	9 windows 5 ft <sup>2</sup> 2 doors 1ft <sup>2</sup>

\* If the material does not have the potential to become friable during demolition, then the material does not have to be removed before demolition. Activities that can cause a nonfriable material to become friable include sanding, grinding, cutting, or abrading.

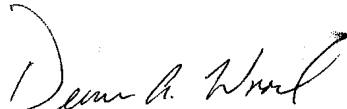
Attached, please find the Hazardous Materials Survey Report, which includes the complete laboratory data and the chain of custody records. If there are any questions or comments concerning this report or our recommendations, please do not hesitate to contact us.

Respectfully,

**PERFORMANCE ENVIRONMENTAL SERVICES, INC.**



Jeffrey S. Gross  
 Senior Project Manager



Dennis A. Wood  
 Senior Project Manager

JSG/DAW:tc

Attachments

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## 1.0 INTRODUCTION

Wayne County Land Bank (WCLB) contracted Performance Environmental Services, Inc. (*Performance*) to conduct a hazardous materials survey of the tax reverted property located at 18400 Gallagher Street in Detroit, Michigan. The purpose of the survey was to note the presence of materials that have the potential to become hazardous during demolition and to locate and identify building materials suspected of containing asbestos. *Performance* representatives Mr. Walter Horne (Accreditation #A21952) and Mr. Thomas Carpenter (Accreditation #34314) conducted the on-site survey and sample collection activities on August 19, 2010.

## 2.0 SCOPE OF WORK

WCLB provided locations for the scope of work and the subsequent survey areas. EPA certified and MDELEG accredited Asbestos Building Inspectors performed the survey to note the presence of materials that have the potential to become hazardous during demolition and to locate and sample materials suspected of containing asbestos. *Performance* also provided project review, report preparation and consultation services during the course of this project.

As part of this study, *Performance* completed the following:

- 1) Conducted a survey of accessible areas to note the presence of materials that have the potential to become hazardous during demolition and to locate building materials suspected of containing asbestos;
- 2) Collected bulk material samples for subsequent analysis by Polarized Light Microscopy (PLM); and,
- 3) Submitted bulk samples collected during this survey to a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory for PLM analysis.

*Performance* assembled the information collected during the study in this report, which details the laboratory results and locations of sampled materials.

## 3.0 SURVEY OVERVIEW AND FINDINGS

### 3.1 SUSPECTED HAZARDOUS AND ASBESTOS-CONTAINING BUILDING MATERIALS

As a result of our survey, *Performance* observed equipment that contained materials that may become hazardous during demolition. The potentially hazardous materials were documented as follows:

Hazardous Material		
Material	~ Quantity	Location
Fluorescent light bulb	19	South room, east foyer
Fluorescent light fixture	9	South room, east foyer

Hazardous Material		
Material	~ Quantity	Location
Floor tile adhesive – 1 gallon	1	North center room
Thermostat	1	East foyer

*Performance* also observed seven (7) types of material suspected of containing asbestos. The suspect materials were classified into homogeneous areas. A homogeneous area (HA) is a building material that appears similar in terms of color, texture, and apparent date of application. The materials were assigned HA numbers 1 through 7, and were compiled as follows:

- 1) Hard plaster;
- 2) Chimney penetration putty;
- 3) Drywall and joint compound;
- 4) Textured paint;
- 5) Gasket material on ‘Reznor’ furnaces;
- 6) Exterior window glaze; and,
- 7) Exterior window and door caulk.

### 3.2 IDENTIFIED ASBESTOS-CONTAINING BUILDING MATERIALS

*Performance* collected twenty-five (25) bulk material samples of the identified homogeneous areas and submitted them to an NVLAP-accredited laboratory for PLM analysis. As the laboratory results indicate, ***asbestos was detected in the following HA numbers:***

HA #	Material Description	Asbestos-Containing Material	Location	Asbestos Content
2	Chimney penetration putty	Putty	Southeast room chimney	10% Chrysotile
5	Gasket material on ‘Reznor’ furnaces	Gasket material	South room, north offices	10% Chrysotile
6	Exterior window glaze	Glaze	East windows	10% Chrysotile
7	Exterior window and door caulk	Caulk	East windows and doors	15% Chrysotile

Refer to the attached Appendix for the complete laboratory data and the Chain of Custody records.

### 3.3 DISCUSSION

#### 3.3.1 Asbestos Control and Management

Renovation and demolition activities, as well as some maintenance activities have the potential to disturb materials and release asbestos fibers into the environment.

#### EPA:

The Environmental Protection Agency (EPA), under the National Emission Standards for Hazardous Air Pollutants (NESHAPS), requires notification and procedures for emissions control depending on whether the asbestos material in question falls into the definition of "Regulated Asbestos-Containing Material" (RACM). NESHAPS defines RACM as:

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

The proceeding items summarize basic requirements for demolition and renovation projects according to NESHAPS:

(1) In a facility being **demolished**, notification requirements and procedures for asbestos emission control apply if the combined amount of RACM is (i) At least 260 linear feet on pipes or at least 160 square feet on other facility components, or (ii) At least 35 cubic feet off facility components where the length or area could not be measured previously.

(2) In a facility being **demolished**, only the notification requirements apply, if the combined amount of RACM is (i) Less than 260 linear feet on pipes and less than 160 square feet on other facility components, and (ii) Less than 35 cubic feet off facility components where the length or area could not be measured previously or there is no asbestos.

(3) If the facility is being **demolished** under an order of a State or local government agency issued because the facility is structurally unsound and in danger of imminent collapse, specific requirements apply (see NESHAPS for details).

(4) If the facility is being **renovated**, notification requirements and procedures for asbestos emission control apply if the combined amount of RACM to be stripped, removed, dislodged, cut, drilled, or similarly disturbed is (i) At least 260 linear feet on pipes or at least 160 square feet on other facility components, or (ii) At least 35 cubic feet off facility components where the length or area could not be measured previously.

**MDELEG:**

According to Michigan Department of Energy, Labor and Economic Growth (MDELEG), in a facility where demolition, renovation or encapsulation is to occur, notification requirements and procedures for asbestos emission control apply if the combined amount of RACM is at least 10 linear feet on pipes or at least 15 square feet on other facility components.

**3.3.2 Survey Limitations and Miscellaneous Field Notes**

*Performance* noted several items that may contain materials that can become hazardous during demolition. Refer to hazardous materials table in section 3.1 of this report.

The scope of work for this project did not include the sampling of ceramic tile or wood flooring. Potential asbestos-containing materials associated with ceramic tile or wood flooring including underlying flooring materials and/or mastic.

The scope of work for this project did not include the sampling of complete roofing systems. Potential asbestos-containing materials associated with roofing systems include flashings and membranes, unless the material was in severely damaged condition and may become friable during demolition.

Remodeling and renovations within buildings often result in asbestos-containing flooring products (flooring and mastics) being covered with non-asbestos flooring products. Although every attempt is made to properly delineate flooring types during survey activities, due to the limited destructive nature of sampling *Performance* assumes asbestos-containing materials may be present below sampled flooring in areas not inspected. It is imperative that if flooring finishes in an area differ from areas where samples were collected, additional samples are collected and analyzed of the newly uncovered material before disturbance occurs.

#### 4.0 SUMMARY AND RECOMMENDATIONS

##### **Hazardous Materials:**

The various items listed in the hazardous materials table in section 3.1 of this report contain materials that can become hazardous during demolition. ***Performance* recommends removing the hazardous materials before demolition and properly disposing of the materials according to the applicable laws and regulations.**

The scope of work for this project did not include testing for lead-based paint. *Performance* did note that peeling paint was found throughout the structure. Although current regulations do not require removal of lead-based paint prior to demolition, ***Performance* recommends testing for airborne lead during demolition activities** to ensure that worker exposure does not exceed permissible exposure limits. Furthermore, *Performance* recommends avoiding activities that may increase worker exposure to potential airborne lead. Activities that can increase worker exposure include sanding, grinding, cutting, or abrading lead-based painted materials.

##### **Asbestos-Containing Materials:**

##### **Friable Materials:**

*Performance* did not locate any friable asbestos-containing materials during the survey.

##### **Category I Nonfriable Materials**

Referring to the definition of RACM in section 3.3.1, EPA NESHAPS requires removal prior to a renovation or demolition of all Category I nonfriable ACM that has become friable or that will be or has been subjected to sanding, grinding, cutting, or abrading.

If the facility is being renovated, *Performance* recommends abating the gasket material (HA#5) if it has the potential to be disturbed.

If the facility is being demolished, then *Performance* does **not** recommend abatement of the gasket material. If the identified materials are not removed **or disturbed**, then *Performance* recommends that an Operations and Maintenance Program be prepared to facilitate the in-place management of these asbestos-containing materials.

**Category II Nonfriable Materials:**

Referring to the definition of RACM in section 3.3.1, EPA NESHAPS requires removal prior to a renovation or demolition of all Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations. Due to the ambiguous nature of this statement, *Performance* recommends abating the chimney penetration putty (HA#2), window glaze (HA#6) and window/door caulk (HA#7) prior to demolition of the building.

# APPENDIX

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## SURVEY DOCUMENTATION

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- 
- ▶ CERTIFICATES OF  
LABORATORY ANALYSIS
  - ▶ CHAIN OF CUSTODY RECORDS



# Certificate of Laboratory Analysis

## Test Method, Polarized Light Microscopy (PLM)

Project: WCLB - 18400 Gallagher  
Project # 101425

**Report To:**

Ms. Ellen Molony  
Performance Environmental Services, Inc.  
30553 Wixom Road, Ste. 500  
Wixom, MI 48393

ARI Report # 10-32399  
Date Collected: 08/19/10  
Date Received: 08/20/10  
Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 01 Cust. #: 1-1 Material: Hard Plaster Location: S. Room, S. Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 01a Cust. #: 1-1 Material: Textured Coat Location: S. Room, S. Wall Appearance: white, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 02 Cust. #: 1-2 Material: Hard Plaster Location: SE Room Debris Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples tested and to insure the integrity of the results, may only be reproduced in full. This certificate may not be used by the customer to claim product endorsement by NVLAP or any agency of the US Government. APEX Research Inc. is not responsible for the accuracy of the results for layered samples or samples comprising multiple materials. Liability limited to cost of analysis.



NVLAP Lab Code 102118-0



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Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 02a Cust. #: 1-2 Material: Mortar Location: SE Room Debris Appearance: beige, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 03 Cust. #: 1-3 Material: Hard Plaster Location: S. Room, S. Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 03a Cust. #: 1-3 Material: Mortar Location: S. Room, S. Wall Appearance: beige, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Hair - 2% Other - 98%

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Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 04 Cust. #: 1-4 Material: Hard Plaster Location: NE Room Ceiling Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 04a Cust. #: 1-4 Material: Mortar Location: NE Room Ceiling Appearance: beige, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 32399 - 05 Cust. #: 1-5 Material: Hard Plaster Location: N. Hall Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 05a Cust. #: 1-5 Material: Mortar Location: N. Hall Wall Appearance: beige, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 32399 - 06 Cust. #: 1-6 Material: Hard Plaster Location: S. Room, N. Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 06a Cust. #: 1-6 Material: Mortar Location: S. Room, N. Wall Appearance: beige, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Hair - 2% Other - 98%

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Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 07 Cust. #: 1-7 Material: Hard Plaster Location: E. Foyer, N. Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 07a Cust. #: 1-7 Material: Mortar Location: E. Foyer, N. Wall Appearance: beige, fibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 32399 - 08 Cust. #: 2-1 Material: Chimney Penetration Putty Location: SE Room Chimney Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>YES</b> Chrysotile - 10%	Other - 90%

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Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 09 Cust. #: 2-2 Material: Chimney Penetration Putty Location: SE Room Chimney Appearance: Layer: of	Asbestos Present:  NOT ANALYZED	
Lab ID #: 32399 - 10 Cust. #: 2-3 Material: Chimney Penetration Putty Location: SE Room Chimney Appearance: Layer: of	Asbestos Present:  NOT ANALYZED	
Lab ID #: 32399 - 11 Cust. #: 3-1 Material: Drywall Location: NE Office, N. Wall Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 50% Fiberglass - 2% Other - 48%

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Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 12 Cust. #: 3-2 Material: Drywall Location: N. Center Office, N. Wall Appearance: white, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 5% Fiberglass - 20% Other - 75%
Lab ID #: 32399 - 13 Cust. #: 3-3 Material: Drywall Location: NW Office, S. Wall Appearance: white, fibrous, homogenous Layer: 1 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 32399 - 13a Cust. #: 3-3 Material: Joint Compound Location: NW Office, S. Wall Appearance: white, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 14 Cust. #: 4-1 Material: Textured Paint Location: N. Hall, S. Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 15 Cust. #: 4-2 Material: Textured Paint Location: N. Hall, S. Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%
Lab ID #: 32399 - 16 Cust. #: 4-3 Material: Textured Paint Location: N. Hall, S. Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>NO</b> No Asbestos Observed	Other - 100%

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Date Received: 08/20/10  
Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 17 Cust. #: 5-1 Material: Gasket Material on Furnace Location: S. Room Furnace Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>YES</b> Chrysotile - 10%	Other - 90%
Lab ID #: 32399 - 18 Cust. #: 5-2 Material: Gasket Material on Furnace Location: S. Room Furnace Appearance: Layer: of	Asbestos Present: NOT ANALYZED	
Lab ID #: 32399 - 19 Cust. #: 5-3 Material: Gasket Material on Furnace Location: S. Room Furnace Appearance: Layer: of	Asbestos Present: NOT ANALYZED	

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples tested and to insure the integrity of the results, may only be reproduced in full. This certificate may not be used by the customer to claim product endorsement by NVLAP or any agency of the US Government. APEX Research Inc. is not responsible for the accuracy of the results for layered samples or samples comprising multiple materials. Liability limited to cost of analysis.



NVLAP Lab Code 102118-0



# Certificate of Laboratory Analysis

## Test Method, Polarized Light Microscopy (PLM)

Project: WCLB - 18400 Gallagher  
Project # 101425

**Report To:**

Ms. Ellen Molony  
Performance Environmental Services, Inc.  
30553 Wixom Road, Ste. 500  
Wixom, MI 48393

ARI Report # 10-32399  
Date Collected: 08/19/10  
Date Received: 08/20/10  
Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 20 Cust. #: 6-1 Material: Ext. Window Glazing Location: NE Window Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>YES</b> Chrysotile - 10%	Other - 90%
Lab ID #: 32399 - 21 Cust. #: 6-2 Material: Ext. Window Glazing Location: NE Window Appearance: Layer: of	Asbestos Present: NOT ANALYZED	
Lab ID #: 32399 - 22 Cust. #: 6-3 Material: Ext. Window Glazing Location: NE Window Appearance: Layer: of	Asbestos Present: NOT ANALYZED	

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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## Test Method, Polarized Light Microscopy (PLM)

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ARI Report # 10-32399  
Date Collected: 08/19/10  
Date Received: 08/20/10  
Date Analyzed: 08/20/10  
Date Reported: 08/20/10

Sample Information	Asbestos Type/Percent	Non-Asbestos
Lab ID #: 32399 - 23 Cust. #: 7-1 Material: Exterior Door & Window Caulk Location: E. Door Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: <b>YES</b> Chrysotile - 15%	Other - 85%
Lab ID #: 32399 - 24 Cust. #: 7-2 Material: Exterior Door & Window Caulk Location: E. Door Appearance: Layer: of	Asbestos Present: NOT ANALYZED	
Lab ID #: 32399 - 25 Cust. #: 7-3 Material: Exterior Door & Window Caulk Location: E. Door Appearance: Layer: of	Asbestos Present: NOT ANALYZED	

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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NVLAP Lab Code 102118-0

# Performance # 32399

Environmental Services, Inc. APEX

## PLM LABORATORY CHAIN OF CUSTODY

PROJECT #: 101425 CLIENT: Wayne County Lead Bank DATE COLLECTED: 8/19/10  
 PROJECT: WCLB - 18400 Gehegan LOCATION: Detroit, MI  
 TECHNICIAN 1: Walter Hana TECHNICIAN 2: Tom Carpath

NOTIFY RESULTS VIA:		SAMPLES RELINQUISHED BY:		TURNAROUND TIME:	DATE:	SAMPLES ACCEPTED BY:	DATE:
HA NUMBER	SAMPLE NUMBER	MATERIAL DESCRIPTION	SAMPLING LOCATION	TEM VERIFY (PLM ≤ 1%)	TEST HA UNTIL POSITIVE:	COMMENTS/RESULTS	
1	1-1	Hard Plastic	S Room, S well		ASAP		YND
2	1-2		SE Room debris				
3	1-3		S Room, South well				
4	1-4		NE Room ceiling				
5	1-5		Walled well				
6	1-6		S Room, N well				
7	1-7		E Room, N well				
8	2-1	Penetration Pkth Chimney <del>Foot</del>	SE Room Chimney				RECEIVED AUG 20 2010 APEX RESEARCH
9	2-2						
10	2-3						293 AL

32399

**PLM LABORATORY CHAIN OF CUSTODY**

PROJECT #: 101425 CLIENT: Wayne County Lead Bank DATE COLLECTED: 8/15/10  
 PROJECT: WCLB-18440 ~~at~~ Gellesken LOCATION: Detroit, MI  
 TECHNICIAN 1: *W. H. H.* TECHNICIAN 2: Tom Carpenter

NOTIFY RESULTS VIA:		SAMPLES RELINQUISHED BY:		TURNAROUND TIME:	DATE:	SAMPLES ACCEPTED BY:	DATE:
HA NUMBER	SAMPLE NUMBER	labdata@perform-env.com	MATERIAL DESCRIPTION	SAMPLING LOCATION	TEST HA UNTIL POSITIVE:	COMMENTS/RESULTS	DATE:
11	3-1			NE office, N wall	400		
12	3-2			N center office, N wall			
13	3-3			NW office, south wall			
14	4-1		Textured Part	N Hall, south wall			
15	4-2						
16	4-3						
17	5-1		Good Material on "Reznor" furnace	S Room Furnace			
18	5-2						
19	5-3						
20	6-1		Ext Window Glazing	NE window			

**RECEIVED**

2015

AUG 20 2010

